## DAMERICAN BUILDER THE WORLD'S GREATEST BUILDING PAPER

TWO DOLLARS

**NEW** Marketing Directory and Technical Guide for the Light Construction Industry

- **1 Structural Materials**
- 2 Doors-Windows-Flooring & Wall Coverings
- **3 Hardware & Building Specialties**
- 4 Plumbing Heating Ventilating Electrical & Appliances
- **5 Tools & Construction Equipment**
- 6 Management & Buying Reference

## **APRIL • 1956**

## NuTone "IN·BUILT" Mixer · Blender · Sharpener

EASY TO INSTALL IN ANY KITCHEN COUNTER



Most Exciting Kitchen Appliance in 20 Years

No need to waste valuable cabinet space for storage of separate motor units for many other kitchen appliances. NuTone's single, powerful "In-Built" Food Center does everything - It's recessed completely out of sight, leaving the kitchen counter top smooth and tidy.

The NuTone "In-Built" can be installed over a drawer, or cabinet fillers, or "dead" corners, above a door type cabinet and in other spaces.

U.S. & FOREIGN PATENTS PENDING

IT'S A LARGE MIXER - with a motor driven bowl - full 31/2 quart size. Precision fit of single beater mixes better than 2 or 3 beaters.

IT'S A FOOD BLENDER - with 6 speeds, instead of 1 or 2. Stainless steel blades, sealed in for safety. Light weight plastic container.

IT'S A KNIFE SHARPENER - with flexible sharpening discs. No solid stone to destroy knife temper Removable cap catches grit.

FREE Catalogs and Installation Data. Write NUTONE, INC., Dept. AB-4, Cincinnati 27, Ohio



**EXHAUST FANS** FOR FRESH CLEAN AIR IN KITCHENS AND BATHROOMS



**RANGE HOODS** FOR GOOD VENTILATION AND SPARKLING BEAUTY



"CHEEREUL FAREUL" AT THE DOOR

IN TUNE WITH MODERN TREND



THE WORLD'S SAFEST HEATERS FOR "TOASTY-WARM" BATHROOMS

**CEILING HEATERS** 

## HERE'S HOW IT CUTS LABOR COSTS ...

The tongue of each piece of Cloud's Lockwood Oak Flooring is now milled to slip easily into the groove of the adjoining piece... then "snap" or "lock" securely into position at precisely the right point in the laying operation.

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New, specially-designed equipment makes it possible for Cloud plants to produce oak flooring with this laborsaving Snap Side Match feature.

"The time once lost "forcing" fit of tongue and groove has been eliminated . . . and builders enjoy another reduction in laying-through-finishing costs, thanks to Cloud's constant improvement in the design and manufacture of Lockwood Oak Flooring!

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1924

SEE YOUR

Lockwood has the Nail Groove which further speeds up laying and helps the profit picture!

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Cloud's exclusive Splinter Clipper, another time and money-saver, eliminates annoying chip or spor

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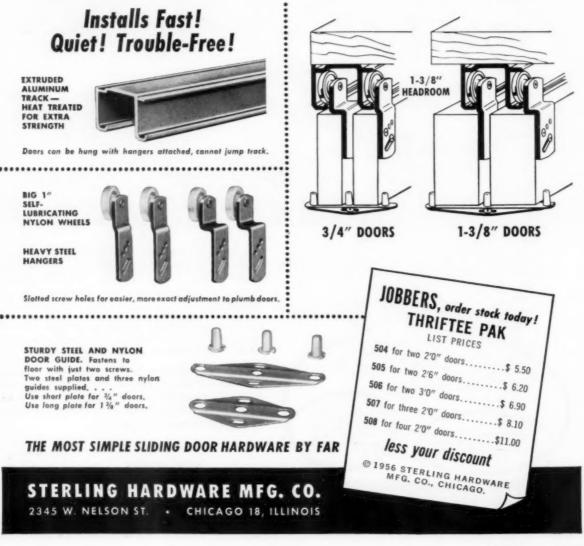
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SIDE MATCH

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### ONE PACKAGED SET FITS BOTH 3/4" and 1-3/8" DOORS



AMERICAN BUILDER

### AMERICAN BUILDER NORTHERN EDITION

## The Opportunity Page

(Keynote page of the AMERICAN BUILDER, which is opportunity cover to cover, advertising and editorial)

### Use the shady method

With sales becoming more competitive, you may find buyers looking for homes in areas where trees have been saved. Try to get your local FHA office to go along with an announcement made by FHA in Detroit which gave assurance it will give definite credit on FHA appraisals to builders who save trees in good condition.

### In case you didn't know

You're holding the best "helper" a builder ever had-American Builder's April directory issue. Whether you need technical information, lists of brand names, lists of products and equipment-it's all here to serve you throughout the year.

### The good old days

It's time to explode the old myth, "they don't build them like they used to." If you've heard that tired cliche from home seekers, point to copper plumbing, modern heating, wall and ceiling insulation, just to mention a few advantages of the modern house. Unengineered construction methods of yesteryear simply do not compare with the technology applied to homes of today.

### Full-package tie-ins

Take a tip from Charles Blanton, Houston builder at Sharpstown. He's arranging to sell furniture to homebuyers on a no-downpayment plan. Furnished model homes are open for inspection, and the prospective purchaser gets to see what his furniture will look like before making an investment. A buyer is privileged to make additions or changes according to his tastes.

### Look to new horizons

If you want to reach that hitherto untapped market-the lower-income families-look for land in areas where new industry is moving or where new highways make travel more convenient. Arthur G. Pulis, Jr., president, Frank-lin Capital Corp. of Newark, reports on the rapid residential growth in central New Jersey due to these facts and the lower land costs in previously undeveloped areas. The latter point, particularly, he points out, has made home ownership possible for families who could not afford houses erected on upzoned plots.

### OHI

Participation in OHI continues to be one of your best bets. Don't forget, Ed Gavin and other editors of American Builder have been visiting the country's most remodeling-conscious cities. Their report on organizational procedures at the local level will appear next month.



### VA approves Lu-Re-Co

If you've been hesitating to use the Lu-Re-Co method of construction because you've been worried about whether loans could be arranged, you'll be glad to know VA has determined it acceptable. If your local VA office is not aware of this ruling, ask them to write to Office of Chief Benefits Director, Department of Veterans Benefits, VA, Washington 25, D. C.

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and Development! NEW SEAL-FLEX <u>Removable</u> WINDOW OPERATIVE HARDWARE SERIES -

For use in standard doublehung window frames

> SEAL-FLEX LINE AVAILABLE IN 4 DIFFERENT FLEXTITE SERI**ES**





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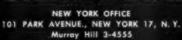
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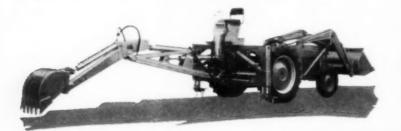
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Red Devil Tools E4	0
Reflectal Corporation A4	2
Remington Arms Co., Inc	5
Republic Steel Corporation	1
Republic Steel Corporation, Berger Division D6	1
Revere Copper and Brass Incorporated	5
Richmond Homes, Inc	s
Richmond Radiator Company D79-D8	I.
Ridge Door Company	2
Rilco Laminated Products, Inc A5	5
Roach & Musser Co B10	2
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Rocform Corporation E	9
Rolscreen Company B5	6
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Sager Weatherstrip & Calking Corp. Saint Paul Corrugating Co. Samuel Stamping & Enameling Co.	C49 C51	2
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Selck, and Company, Walter E.	D70	(H)
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Tennessee Stone Co., Inc.	. A3	8
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Thermador Electrical Manufacturing Company, Division of Norri	s- , D11	0
*Thompson Co., Inc., E. A.	16M	N
Timber Engineering Company	. A6	12
Tractor & Implement Division, Ford Motor Company	. E1	5
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*Western-Holly Appliance Company	. 16 C	5G 37
Western Pine Association	. B	72
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With quality in every part and enthusiastic acceptance from everyone, the new Davis Back-hoe is truly a champion... a thoroughbred running mate to the Davis Loader, America's quality loader. With features you've dreamed of – at a price lower than the average – you get greater quality, versatility, comfort, and visibility. You can dig at right angles alongside roads and canals or in crowded areas. You always face your work, so at the end of the day you'll have done more work with less fatigue. You can see exactly where you're digging even at 13 feet, and you can dump your spoils all to one side with room between the pile and the hole. Individually controlled hydraulic stabilizers let you level-up on slopes, and keep you from ever upsetting. Detach the back-hoe in less than 5 minutes and use the tractor for other work. The Davis Loader and Davis Back-hoe are mass produced with modern machinery to give uniform quality at a price you can afford. See a demonstration and you'll believe it.



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SOLD AND SERVICED NATIONWIDE BY BETTER DEALERS

3

Excellent visibility

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than 5 minutes



WRITE FOR FREE INFORMATION

Please send me information on the Davis Loader\_\_\_\_ Davis Back-hoe\_\_\_to fit a\_\_\_\_\_tractor. (Please Print)

NAME

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ADDRESS.

TOWN\_\_\_\_\_

MID-WESTERN INDUSTRIES, INC. 1009 S. WEST ST. DEPT. AB-456 WICHITA, KANSAS

STATE\_

AMERICAN BUILDER

×,

### AMERICAN BUILDER

## Impact

### To The Editors: American Builder 30 Church Street New York 7, N. Y.

### Personals

Dear Mr. Gavin: . . . my congratulations on your receipt of the Distinctive Service Award from NAHB. This is a well merited recognition of your help to home builders and home buying public.

Typical of such activities of yourself and American Builder magazine is your February 1956 issue featuring prefabrication. This issue should be most helpful in convincing forward-looking builders of the benefits and economies of prefabrication ... --F. J. Samerdyke, President,

Harnischfeger Homes, Inc.

Port Washington, Wisconsin

Dear Mr. Gavin: ... As the first non-builder ever to receive such an award from NAHB, you are to be congratulated for this unique distinction. Your genuine, constructive interest in the home building industry is reflected in the editorial and news pages of American Builder.

-Charles Tombras

Knoxville, Tenn.

### And personal thanks from Ed Gavin for these and numerous similar messages.

### More on Prefab Feature

Sirs: I want to thank you for your splendid feature article on Expan Homes in February. Your reporting was excellent, together with the general section on prefabrication.

### -Alex Bruscino

### Cleveland, O.

We wish there were space enough to print more of the reactions we have received, but these are fair samples.

### Letters Are Rolling in, Too

Sirs:-The inquiries as a result of your article in the February issue about our houses are rolling in. The article and the illustrations concerning our house are very fine and in general we are extremely pleased. I should like to point out that ours is specifically not a truss-roof house.We use a cathedral ceiling which follows our 2.8 7/16 pitch. There are no joints to tape in our house because the joints in the ceiling, for instance, lie in mahogany beams, 3" by 4", as the same mahogany is used as trim in the entire house. -Arthur Dahlman, Sales Manager, Home Building Corp.

Sedalia, Mo.

### It was a gable-end being hoisted on the H.B.C. crane.

### **Double Honors**

Sirs: I was very much surprised and delighted to see that you had selected our Parade of Homes "Starliner" plan as the western house of the month (February). I think the presentation and description are excellent. It was the promotion on this home which won for us the Honeywell Acapulco Derby for this region. As I watched the presentation of awards for American Builder's National Home Week merchandising effort, I was sorry that I had not made a similar entry in your contest.

-Edward P. Miller

### Tacoma, Wash.

Watch for August issue and details of broadened contest this year: two divisions (under \$18,000; under \$40,-000), more awards; keep the contest in mind in preparing your promotions.

### No Empty Honor

Sirs: We are planning to reprint the story in your publication (on Kinney Leonard's Award house) in numbers of about 25,000 and distribute them at the annual Seattle Home Show . . .

-Wm. H. Wurster, Taskett Agency

### Seattle, Washington

Need we repeat: start getting your 1956 entry ready now?

### A Plea from the Heart

Sir: As a mail carrier I am appealing to you. The mail box or slot is regarded as an inconsequential item; while other items of builders' hardware have been redesigned for a streamlined age, mail receptacles seem to stay obsolete. The worst is the flat-bldg., push button flush wall type—just about big enough for a gas bill and a post card from Aunt M'nnie. Magazines and bulkier matter have to be left on the floor. I came from the building trades after 30 years. --William Absolon

Chicago, Ill.

Shall this appeal fall on deaf ears, gentlemen?



"Each duplex will have a half bath" (Cartoon by Virgil Partch-courtesy Pomona Tile Manufacturing Co.)

AMERICAN BUILDER WELCOMES YOUR IDEAS. We'll print them on this page if you write them in a letter. Include photographs or drawings if you have them. We'll not use your name if you feel strongly about it.

# A Big O.K.

CHICAGO, JAN. 24th—Said President Earl W. Smith at the 12th annual convention of the National Association of Home Builders:

"Over the years our Association has been fortunate in having the friendly counsel and support of a distinguished trade magazine—the *American Builder*—and its editor, Ed Gavin.

"You all know Ed Gavin. He has appeared before nearly all of our Local Associations. He has attended our conventions and our meetings. He has been a home builder's speaker on many occasions.

"I do not think I am exaggerating when I say that Ed Gavin has been one of our finest friends.

"He has been a constant supporter of the NAHB from the time it was a tiny organization struggling for existence. In our early days, when we numbered our membership in the hundreds, Ed Gavin crossed this country from one end to another, helping to create membership, urging support for the NAHB, advocating its cause and counselling with us on our problems. He has been a confidant, a supporter and a champion of home builders everywhere. With his cheerful manner and with his sharp mind he has advised us when we faced problems. He has helped us when things were difficult. He has supported us when we needed support and encouraged us when we might have faltered. During all this time he has become one of us.

### "We have thought it fitting—and perhaps it is somewhat overdue—to recognize in a small way the tremendous contributions Ed Gavin and his *American Builder* have rendered to our business and our association.

"At this time we want to present him with a with one symbol of our feeling toward him by presenting him Awards.

with one of our association's Distinguished Service Awards.

## "Incidentally, this is the first time that such an award has been made by the NAHB to a non-builder member.

"But we feel it fitting and proper that we take this opportunity to make this award to him.

"Ed Gavin, will you please join me here at the rostrum? "Ed, on behalf of the National Association of Home

> S TUDIES by publications can be timed or steered to prove the darndest things. But here's a "study" from *readers* —the National Association of Home Builders. We've printed it in full, because we think it tells a rather full story of the

AB's Ed Gavin

Builders and its membership throughout America, I am happy to present you with our Distinguished Service Award in recognition of everything you have done for home builders everywhere."

value and validity of the American Builder. Neither competitor is published to the same reader service specifications at all. We'd like to show you. Simmons-Boardman Publishing Corp., 30 Church Street, New York 7.

NOBODY	COVERS	AMERICAN	BUILDING	LIKE THE	AMERI	CAN	BUILD	DER"
PL.	ANNING -	> <	- BUYING -	-> <	BUILDING			
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## Pulse of Building

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WHAT'S HAPPENED WHAT'S AHEAD

**HOUSING STARTS—The National Picture** In Thousands 1.500.000 ANNUAL STARTS MONTHLY 140. - - - -130 1 ... 1,000,000 120 1955 110 . . 100 90 500.000 80 70 1956 100.000 60 50 1925 1945 1930 1935 1940 1950 1955 J F MAMJJASOND Source: Charts 1 and 2-U.S. Bur eau of Labor Statistics

### Interpretation: 1.

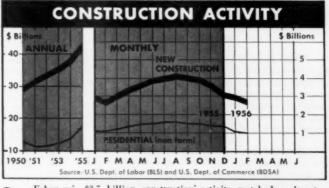
Level of contract awards, building permits and applications for governmentassisted home loans foreshadow strong seasonal upswing in residential as well as non-residential construction. February's residential permit activity increased in all regions of the country.

Dwelling units	NG ARI	EAS
areas, 1st 11 t		Chang
Los Angeles	97,945	+ 4
New York	91,189	+ 4
Chicago	57,781	+ 26
Detroit	83,797	n.c.
San Francisco	30,547	+17
Washington	21,112	- 1
Miami	15,429	+ 2
Cleveland	15,155	+24
Baltimore	14,355	- 1
Denver	12,403	+ .
Atlanta	10,969	- 5
Boston	10,767	+ 8
San Diego	10,646	+14
Buffalo	10,509	+24
Seattle	9,412	+ 5

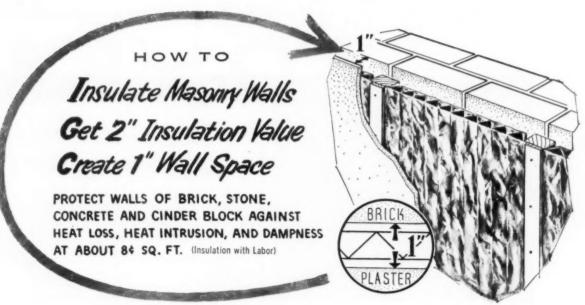
78,000 February starts-5% above January-indicated start of steady seasonal upswing; kept annual rate at over 1,200,000.



Rising slowly but steadily to 129.7, building materials price index set a new record, largely due to increase in paint costs.



February's \$2.7 billion construction' activity matched peak set in February, 1955. Residential outlays dropped to \$1 billion.



Insulate economically and effectively against heat and vapor flow in masonry construction, with 2 sheets of tough aluminum separated  $\frac{1}{2}$ " apart by a flame, mold, and insect retardant accordion fiber. They install easily in one operation to furring strips. Only  $\frac{1}{2}$ " deep installed, this insulation fits into the shallow 1" spaces created by the furring.

Comfortable areas can also be created in basements and other places in existing buildings for playrooms, storage, laundries, workshops, even living quarters; by this scientific construction of multiple aluminum and reflective spaces.

### A MUST FOR SHALLOW SPACES

Cellar Walls	Air Ducts	Cold storage bins
Floor panels	Floors	Heated trucks
Airplanes	Ships	Prefab buildings
R.R. trains	Trailers	Freight cars
	Refrigerated 1	trucks

### HEAT AND VAPOR FLOW RETARDED

With respect to radiant heat flow, the aluminum surfaces of this insulation have 97% reflectivity, and only 3% absorptivity and emissivity. Conduction is slight through the air spaces of low density. The layers of aluminum and fiber retard inner and outer convection. These comprise ALL methods of heat flow.

Because they are METALLIC and CONTINU-OUS, the aluminum sheets are almost impervious to vapor flow. Infiltration under the flat flanges is slight. The possibility of condensation formation on within this kind of insulation is minimized by the scientific construction of multiple layers of aluminum, fiber and air spaces. This scientific insulation is commercially available as Infra Type 4 Jr. It has 4 reflective spaces, 2 outer, and 2 inner rows; and 4 reflective surfaces. Made for 16" centers, it is packed 500 sq. ft. to a carton in one continuous strip. It is also available with an asbestos partition.

### HOW TO INSTALL

Attach 1" furring strips to walls on 16" centers. Tack flange of unopened Type 4 Jr. to face of furring strip with an occasional staple, bottom (flat) surface facing room. Expand insulation and tack to face of adjacent furring strip. Lap and tack flange of next piece of insulation over previously tacked flange of adjacent installed insulation. Nail rough lattice strip over combined flanges, which will prevent contact with subsequently installed lath or wall board, and create an additional air space.

The U.S. NATIONAL BUREAU OF STANDARDS has published an informative booklet describing the destruction which condensation can cause and means of preventing it. It is entitled "Moisture Condensation in Building Walls." Send us coupon for a FREE copy.

### Get a FREE SAMPLE of this unusual insulation. Check the box in the coupon.

Inf 52	fra Insulation, Inc. 5 Bway., New York, N. Y., Dept. B-4	1
Pla	ease send □ sample of Type 4 Jr. "Moisture Condensation in Building V	Valls.'
Na	ame	
Fi	rm	
Ad	ddress	

AMERICAN BUILDER

## The Building Outlook

### SMALL TALK

### TOMORROW'S HOMES

You may be surprised by the homes you'll be building in the future! One glimpse, offered by the Exposition of Modern Living in Dallas, pictured a functional house with movable walls. Meanwhile, Illinois University is conducting experiments on pneumatic bricks: triangular plastic pillows which can be built into almost any arch-shaped form.

### UNION MEMBERSHIP

Look for a concentrated membership drive by the building trade unions. Details of the plan —with conversion of 1,000,000 non-union members as its goal were mapped out at the Miami mid-winter meeting of AFL-CIO Building and Construction Trades department.

### PLANE FACTS

If you've been worried about building near airports, especially those to be used by jets, happy news came out of a meeting of FHA Commissioner Mason and top airline and aircraft officials. Assurances were heard that noise from jets would eventually be muffled and aside from longer runways, they should not cut into values of housing or change community patterns.

### THE GLOOMY SIDE

Main problems builders are facing and will continue to face seem to be land shortages and financing. For a look at these and other difficulties confronting the industry see American Builder's survey feature appearing on page 15.

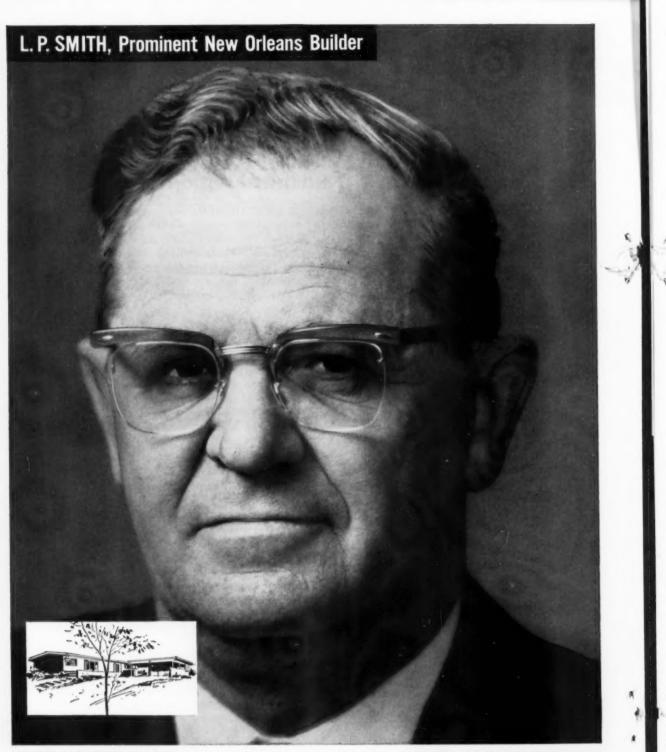
### NORTHERN EDITION

**PLASTIC HOMES** are in your future. A Toledo firm, which hopes to see them become a reality before the end of 1956, intends to fabricate the houses—to be built of 4-inch thick plastic panels. Special honeycomb paper will be sandwiched between 4 x 8 plastic sheets and sealed all around to form the basic product for the houses.

ADEQUATE WIRING is today's hot topic. If your community hasn't changed its building code to call for 100-ampere wiring, it soon may, following the lead of Washington State and many cities throughout the nation. Installing the 100-amp. system gives you an extra sales feature. American Builder will give you some pointers in August, September and October.

BRIGHTER MORTGAGE PICTURE is indicated by latest figures showing first upturn in five months in volume of applications for FHA home mortgages. A rise of 18 per cent caused Commissioner Norman P. Mason to remark: "It is very likely that this increase reflects an improvement in the availability of money for mortgage financing." VA says analysis of savings and mortgage repayment trends indicates sufficient funds probably will be available during 1956 to finance relatively high level of construction.

**WAIT-AND-SEE ATTITUDE** of builders worried over early pessimistic forecasts of starts is being replaced by optimism. January's high starts figures caused a revision in thinking, with predictions being made that residential building will equal that of 1955.



"THEIR MONEY'S WORTH, that's what today's families look for when they're out to buy a house. In materials, appliances, furnishings, they want the assurance of quality and value that they get from the brand names they know best. That's why we use 36 Post-advertised products in the homes we build. They tell every one they're getting their money's worth." (Manufacturers of building materials, equipment and fixtures place more advertising in the Post than in any other consumer magazine.)





### PRESSTIME ROUNDUP

### Summer sales: is the bloom off the rose?

The well-aired problems of financing, rising costs, increasing restrictions, shortages of materials and labor have caught up with the heavy output of the home building industry to cause many thinking builders to take a new look at their sales picture. In an American Builder country-wide spot check, one of the most prolific winners of national awards for good home designs, Joseph L. Eichler of Palo Alto, Calif., states the case:

"The biggest single problem that builders will have to face this summer is the problem of selling their houses, and along with this, one of the things that seems to be making that difficult at the present time, is the large number of misleading statements that are being published regarding financing.

"In the past few days, govern-

ment agencies and others have been making statements to the effect that the mortgage situation is considerably easier. . . Also recently the government removed the ban on 30year loans. The general public, which is in a very tough buying mood at the present time, believes these statements when they read them in the papers and it further complicates the sales situation.

"I, myself, am particularly interested in placing 30-year FHA loans and I have not found a single source that is willing to make them. Most of the FHA loans in this area are made directly by banks, none of whom will touch a 30-year loan. It is possible to get future commitments for 30-year loans but at big discounts, just as it is possible to get VA financing at big discounts. At no time in the past six months was money unavailable at a price, but that is the sticker. The prices would be such that no legitimate builder could make a profit.

"Nevertheless, even if financing were readily available, I still think that the bloom is off the rose. I think that people will buy houses, but that they will have to be sold. Also, I think the factor of trade-ins will become increasingly important in the market."

Eichler rapped continual new regulations emanating from FHA, "each one of which burdens the builder and accomplishes nothing. I nave never objected to a new regulation that actually improves the quality of a house, even if the cost is more. But I do object to many of the regulations . . . that merely cause hardship and increased costs, and accomplish nothing."

### ... here's how to keep the buyers coming

Several builders have definite ideas how to keep buyers coming their way. In highly competitive Long Island, Edward Strausman, vice president of the Strausman Construction Co. says sales will be of biggest concern, points out: "The potential is still here, but builders will have to concentrate on value. Sales will be made in all price ranges where the potential purchaser finds what he is looking for.

"Good location of land is a prime factor today, especially in and around the larger cities. Just as important will be to produce something new and desirable in layout and design of the house. The development should conform in every way with the community insofar as planning and price is concerned."

Ken Corrigan of Worthington, Ohio, 1955 president of the Columbus Home Builders Assn., observes "There are plenty of buyers left, if they can find what they want to buy....

"The majority of home buyers now are second and third-time buyers and have their eyes wide open. They know where to look for shoddy workmanship and most of them know when a house is over-priced.

"Build every house as if it were for a discriminating buyer. Don't discount a buyer's intelligence. Employ an architect who is sharp in his designs and search magazines for plans and clever ideas. Use modern building methods, which are better and cost less. Research the market to find the buyers' needs and the potential market."

In the Kansas City area, Larry Winn Jr. of the Winn-Rau Corp. agrees sales will present the biggest problem but limits the difficulty to the \$15,000 to \$25,000 bracket.

### ... call for merchandising in all its forms

Looking westward to the nation's top home selling territory—Los Angeles county—Harry Griffith of Griffith Bros., Anaheim, Calif., calls for merchandising in all its facets, such as house locations priced to a particular market, sales program, advertising salesmen, well presented models. In his opinion, "it will take these basic ingredients extended to their fullest possibilities for a builder to stay abreast of today's market and meet competition in the home builder field, as well as automobile appliances, travel and all other appealing items which compete for the consuming dollar."

Frank D. Evans, president of the

Portland (Ore.) Home Builders Assn., reports that "institutional advertising competition for the consumer dollar is becoming more competitive, with the housing industry, at present, losing out to the automotive industry and others." He finds it increasingly hard to pass rising construction costs to buyers.

A

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### Names make news

T. B. King, former assistant depaty administrator of the Veterans Administration and until recently vice president of National Homes

A c c e p t a n c e C o r p ., h a s opened law offices in Washington. D. C., to specialize in housing and mortgage finance matters. During his tenure as director of the VA



Loan Guaranty Service, Ioans were arranged for more than 3,500,000 veterans' homes.

William Demarest has joined the National Assn. of Home Builders as an assistant director of its construction department and research institute, according to John M. Dickerman, executive director. For five years, Demarest had been modular coordinator for the American Institute of Architects at Washington.

Thomas P. Coogan, president, Housing Securities Inc., New York, and former NAHB president, was elected as chairman of the National Housing Center, Washington, at annual meeting of board of directors



NEW PRESIDENT of Ponderosa Pine Woodwork, James D. Rowland (left) receiving congratulations from FHA Commissioner Norman P. Mason.

March 1 in Miami. Richard G. Hughes of Pampa, Texas, another NAHB past president, was named vice chairman. Leonard L. Frank of Hicksville, N. Y., was elected to the board, replacing Edward R. Carr of Washington, D.C.

Earl W. Peterson, vice president of Ideal Stone Cement Co., Omaha, was elected president of the National Concrete Masonry Assn. at its 36th annual convention in New Orleans.

James M. Whelan of the Trane Co., La Crosse, Wis., has been elected president of the Convector Manufacturers' Assn.

### National news

### NRLDA plans 14 convention clinics

The National Retail Lumber Dealers Assn., has planned 14 management clinics for dealers attending its third annual building products exposition next December in Chicago.

Action-type clinics involving demonstrations will be held in the International Amphitheatre, scene of the exhibits. Subjects are to include materials handling and warehousing, component construction techniques, retail store layout and display, use and sale of nower tools.

The other ten sessions, at the Conrad Hilton Hotel, will deal with profit sharing-retirement and pension plans, land development and community facilities, building profits with job responsibility, how to cash in on Operation Home Improvement, how to deal with labor unions, advertising and merchandising techniques, profitable kitchen remodeling, how to estimate repair and modernization jobs, installment selling and mortgage credit, FHA's new minimum property requirements.

### DEALER'S VIEWPOINT

### By H. R. Northup, Executive Vice Pres., National Retail Lumber Dealers Assn.

### Permanent Title I program likely to pass

There now appears to be a good possibility that Congress will make a permanent program out of FHA's Title I repair and modernization

program. The administration has given its official approval to the idea, and it should have unanimous industry support.

The fact that Title I has in the past been extended on a hand-to-mouth



basis has created an air of uncertainty which undoubtedly had led many lenders and probably some dealers to regard the program as a temporary or makeshift measure. Certainly, its uncertain future has to some degree discouraged all-out promotion.

Putting Title I on a permanent basis is at least as important as the

18

other proposals to increase the maximum amount of Title I loans and to increase the maximum term of home improvement and non-residential loans from three years up to five years, although Congressional approval of the latter proposals would make Title I a more useful tool for dealers.

### Six-month rule scored

Another highly desirable change would be removal of the regulation which denies Title I assistance until a home has been occupied for six months. The purposes of that restriction, of course, are to prevent home buyers from using the proceeds of a Title I loan to help meet downpayment requirements and to prevent a home-owner from taking on too many financial obligations, but its effect is to deny help to new home-owners who need to make legitimate expenditures for items such as screens and storm windows and don't have the necessary cash.

It would seem entirely reasonable to let the lender determine whether the loan is to be used for legitimate purposes and whether the borrower's credit standing is good enough to justify the risk. The lenders are just as competent to make these decisions as they are to pass on any other loan applications.

### Valuable sales aid

With home improvement work sure to assume a greater importance in the future, Title I promises to become an increasingly valuable sales tool. Lumber dealers as a group have only begun to take full advantage of this wholly self-supporting program but are certain to use it more generously in the future as more and more yards offer complete package deals, including time payment financing, in this field.

### Land shortage called artificial

The severe land shortage current in the Detroit area is strictly a manmade operation which has raised cost of residential sites about 20 per cent in the past year, points out Sheldon Rose, vice president of Edward Rose & Sons, developers.

With virtual disappearance of improved city lots, Rose said, builders have been forced to take raw land, plat it and install utilities, after obtaining approval from ten or more agencies from federal to local level. This procedure, he declared, "has become so involved and time consuming that it has created an artificial shortage of land.

"As a result, land prices in this area are skyrocketing. This rising cost of land is forcing up the price of new homes and is costing the public millions of dollars yearly. Instead of helping the general public, this cumbersome system is acting in the exact reverse."

Rose charged that when any agency turns down a proposed plat, the builder must make changes and start over, with approval 18 months to three years away. He saw the situation especially discouraging to new and small builders who cannot afford to spend that kind of time.

### Split-levels on solid ground

Split-level houses will continue in popularity as long as costs remain high and the need exists for a second living room, predicts Herman H. York, Long Island architect. He says:

"Split-level is not the only design in which a family room can be provided, but it is certainly the form which does it best at the price it costs. The secret behind split-level success is not based upon a buyer's preference for a house with multiple levels, as much as the buyer's awareness of a considerably greater floor area.

"However, should the nation's economy result in lower incomes, the trend will be toward houses without the second living room. Conversely, as greater numbers of American families can afford luxury homes on large plots, the need for splitting levels is diminished where cost is not a principal factor. The second living room can be provided in one-story homes. . . . Without a family room, the only justification for split-level design is a plot of sloping ground."

### Milwaukee VA upgrading

VA officials of the Milwaukee regional office met with 200 Wisconsin builders recently to tell them that houses sold to veterans must have painted and fitted storm sash and furnaces built on platforms. Also, subdivision roads must have a dust seal while construction is under way and sharply sloped ground must be sodded, rather than planted with grass seed. Another requirement under consideration: that each buyer be furnished detailed plans of his house at contract-signing time.

International Home Building Exposition, scheduled May 12-20 at New York City's new Coliseum will present in "Hometown U.S.A." a 20x60-foot scale model of a completely planned and integrated community for 5,000 families. Howard J. Teas and Ernest Steinbrenner, the designers, say it will not only represent an ideal community of today but also will project its planning into the future.



AIRING THE PROBLEMS OF THE DEVELOPMENT BUILDER

How to switch from custom to multiple building when the trend to larger subdivisions demands it attracted many custom builders to recent meeting of Long Island (N. Y.) Home Builders Institute Eastern Division. Shown at speaker's table are (from left): Frederic D. Fuld, assistant secretary; Eugene Romano, vice president; William Hetzel, division president, attorney and VA-FHA mortgage consultant to the institute.



COLUMBUS CONTESTANTS OFF TO MEXICAN VACATIONLAND

Winners in drive pushing membership of Columbus, Ohio HBA to 469 board airliner for two-week vacation awards in Acapulco. Couples include, from left: Mr. and Mrs. W. Ed Bogen, Mr. and Mrs. F. M. Donelson, Jr., Mr. and Mrs. Roy Haddox, Jr., Mr. and Mrs. Don Morris, Mr. and Mrs. Jess Howard.

## How to save time one of the next 12

### Keep this book handy\_\_\_\_\_

You'll want to keep this big reference issue close by, within handy reach, for everyday use, as it provides you with the kind of reference material you have wanted, yet never have been able to collect for yourself. A veritable library of building knowledge that you will recognize as worth its weight in gold.

As you turn the pages of this DIRECTORY you will be aware that here is a book that meets a need and will be useful throughout the year because of the scores of editorial data pages, the catalog and specification type of advertising, and the most complete reference directories ever published for the building industry.

Become acquainted with this DIRECTORY and you will be sure to agree that it is a handy book to have around!

### MARKETING DIRECTORY and TECHNICAL GUIDE

### 2. Use it this way

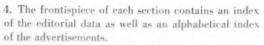
Every effort has been expended to make it easy for you to use this book. That is why it has been divided into six major sections each opening with a frontispiece which enumerates the subjects covered in that portion of the book.

Become familiar with these indexes-they are your guide-and here is where you will find them:

1. A general index to the sections of this book appears on page 5.

2. An alphabetical list of the manufacturers whose advertisements appear in this book is located on pages 6 and 7.

3. A general alphabetical index and cross-index of the editorial data pages may be found on page 22.



NEW Nortonie, Directory and Technical Law

You will note that each section is folloed within itself and the page numbers are prefixed by an alphabetical letter. Section 1 is A; 2 is B; 3 is C and etc.

Here's an example of how you will use this book:

If you are interested in flooring materials turn to Section 2. In the editorial pages are the estimating and specification data on this subject, while in the index to advertisements you will note the names and page numbers of the manufacturer's advertisements of the various types of flooring materials for your selection. Here you can see them all—and make your own comparisons. And, should you want more information on the particular type of flooring you select, just write these manufacturers.

APRIL-1956

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# and money in every months . . .

## 3. Build up your reference file

In each section are reviews of the catalogs and technical literature available from manufacturers. They are yours for the asking and to make it convenient for you to receive this literature, a postpaid reply card appears on the page facing the yellow pages. All manufacturers whose products are described, are keyed by number on this card. Just circle the code number of the product that interests you and drop the card in the mail. You will be pleased to see how easily this service can help you build your personal file of product information.

### 4. Work the advertising hard

To supplement the technical material offered in the editorial pages of this DIRECTORY you will find that most of the advertisements have been designed to give you the specifications and buying information you will want as reference throughout the year. Get the most value from the advertisements by investi-

### ACKNOWLEDGEMENT

This DIRECTORY issue of American Builder contains material secured from hundreds of different sources. We want to acknowledge here our deep appreciation to the associations, manufacturers and individuals whose cooperation has made it possible to bring together this vast collection of building knowledge.

Already plans are being laid for the 1957 April Directory. We sincerely wish to improve on past performances, therefore your suggestions will be most welcome and will help us to serve you better in the future.

The Editors

gating them carefully, for in these pages you will find the latest developments in building industry products.

The manufacturers who advertise in American Builder want to help you at all times, and they welcome your inquiries. Write to them for literature, prices, or the name of your nearest supply source.

### 5. Use the yellow page section

The yellow pages in the back of this book contain three important directories each performing a specific purpose for you. You'll want to become acquainted with these for here is what you will find:

### First: Associations and Societies of the Building Industry.

Here is your authoritative source of information on construction problems. Associations disseminate the knowledge compiled by the experts in their particular phase of the building business. Consult them when you have a problem, that is their job. You will find them most helpful and cooperative.

### Second: Brand Names of Building Products and Equipment.

Have you often associated a product by its brand name yet could not recall the name of the manufacturer? Starting on page G6 you will find a complete directory of brand names with the name and address of the manufacturer.

### Third: Building Products and Equipment Manufacturers.

Starting on page G30 is your buying guide of products and equipment you need and use in your every day work. The names of the manufacturers who advertise in American Builder are listed in bold type. They are particularly anxious to help you, so do not besitate to contact them for more specific information.

### READER'S GUIDE TO

## Technical Data Pages

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AMERICAN BUILDER



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- . FLASHING & CAULKING
- . FRAMING & STRUCTURAL LUMBER
- INSULATION, VAPOR BARRIERS & PAPERS
- LATH, PLASTER & . STUCCO
- PAINT & WATERPROOFING
- ROOFING, SIDING & SHEATHING
- STRUCTURAL & **REINFORCING STEEL**
- TRUSSES, BEAMS & TIMBER CONNECTORS
- WOOD TREATING COMPOUNDS

EVERY PAGE PLANNED TO HELP YOU IN ESTIMATING, DESIGNING AND BUYING

### ESTIMATING BRICK MASONRY

### TABLE 1 FOUR-INCH MODULAR BRICK FACING WALLS **RUNNING BOND**

(Full Bed and Head Joints)

Nominal Size of Brick*	Number of Brick per Sa. Ft. of		of Mortor . of Wall**		of Mortar 10 Brick**
	Wall	3/8" Joint	1/2" Joint	3/8" Joint	1/2" Joint
2-2/3×4×8	6.75	0.0608	0.0765	8.90	11.30
2-2/3x4x12	4.50	0.0535	0.071	11.90	15.80
2x4x12	6.00	0.0676	0.09	11.30	15.00
4x4x8	4.50	0.0432	0.0575	9.60	12.80
4x4x12	3.00	0.039	0.052	13.00	17.30

\*\* 10% added for waste

### TABLE 2

### EIGHT- AND TWELVE-INCH BRICK BACKUP WALLS IN RUNNING BOND

(Full Bed, Head and Collar Joints)

Nominal Size of	Number of		Wall Mortar**	Number of	12" Wall Cu. Ft. of Mortar**						
Brick*	Brick	3/8" Joint	1/2" Joint	Brick	3/8" Joint	1/2" Joint					
2-2/3×4×8 4×4×8	13.50 9.00	0.1544 0.1210	0.1988 0.1610	20.25 13.50	0.2489 0.1984	0.3211 0.2641					

MODULAR BRICK

In Table 1 are the quantities of units and mortar required to construct a 4-in. wall using 5 sizes of modular brick with two joint thicknesses. The mortar quantities shown are for the bed and head joints only. If this facing is to be applied to a backup wall, the quantity of mortar required for the interior vertical or collar joint must be added. These quantities are as follows:

.0313 cu. ft. for 1 sq. ft. mortar joint 3/8-in. thick.

.0365 cu. ft. for 1 sq. ft. mortar joint 7/16-in. thick.

.0417 cu. ft. for 1 sq. ft. mortar joint 1/2-in. thick.

The brick quantities shown are for brick laid in running band. For other bands in which full headers are used, the correction factors in Table 4 must be added. The 2-2/3x4x8-in. size brick is commonly referred to as the "Standard Modular" size.

· Actual size plus thickness of one joint

\*\* 10% added for waste

Mortar for interior vertical joints (parging or plastering) per 100 sq. ft. of joint.

ŧ.

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3/8"	joint		60
	joint		
1/2"	joint	cu.	**

### TABLE 3

### NON-MODULAR SOLID BRICK WALLS IN RUNNING BOND

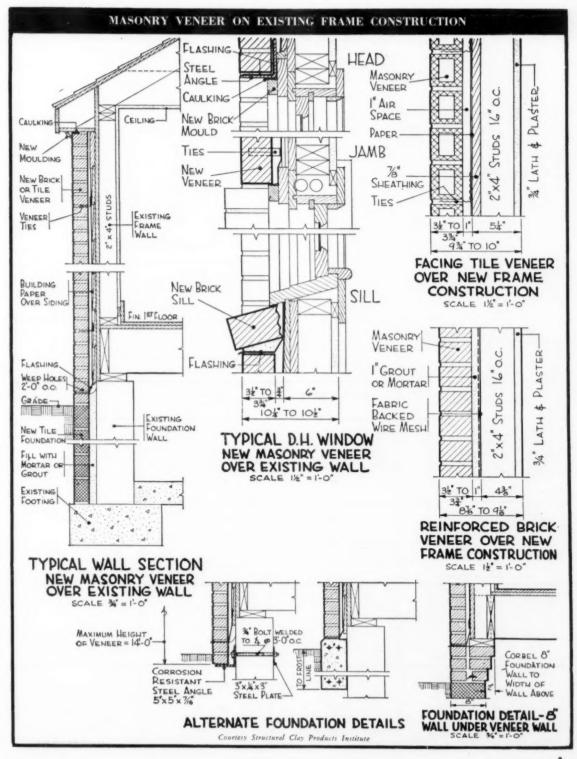
(No headers, or pattern made with blind headers)

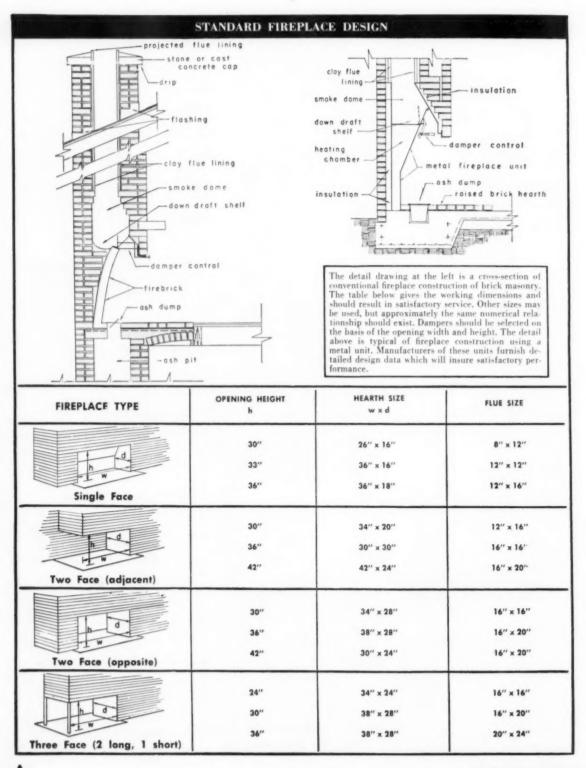
WALL	4-IN.	WALL	8-IN.	WALL	12-IN.	WALL	16-IN. WALL		
AREA SQ. FT.	No. OF BRICK	MORTAR CU. FT.	No. OF BRICK	CU. FT. MORTAR	No. OF BRICK	CU. FT. MORTAR	No. OF BRICK	CU. FT. MORTAR	
1	6.16	.0721	12.32	.19	18.48	.3	24.64	.4132	
10	62	.721	124	1.86	185	3	247	4.2	
20	124	1.5	247	3.72	370	6	493	8.3	
30	185	2.2	. 370	5.6	555	9	740	12.4	
40	247	2.9	493	7.5	740	12	986	16.6	
50	308	3.6	616	9.3	924	15	1232	20.7	
60	370	. 4.4	740	11.15	1109	18	1479	24.8	
70	432	5.1	863	13	1294	21	1725	29	
80	493	5.8	986	14.9	1479	24	1972	33.1	
90	555	6.5	1109	16.75	1664	27	2218	37.2	
100	616	7.25	1232	18.6	1848	30	2464	41.4	
200	1232	14.5	2464	37.2	3696	60	4928	82.7	
300	1848	21.7	3696	55.75	5544	90	7392	124	
400	2464	29	4928	74.33	7392	120	9856	165.3	
500	3080	36	6160	92.90	9240	150	12320	207	
1000	6160	72.1	12320	185.8	18480	300	24640	413.2	

### **TABLE 4**

### CORRECTION FACTORS TO BE APPLIED TO 4-INCH WALL OUANTITIES FOR ESTIMATING THE REQUIRED NUMBER OF FACING BRICK IN VARIOUS BONDS

	ACI			
Common bond with full header every 5th course	%	10	1/5	
Common bond with full header every 6th course	%	or	1/6	
			1/7	
English bond, alternate courses full headers				
English or Dutch bond with full headers every 6th course and blind headers in intermediate courses				
Flemish bond, alternate stretchers and full headers every course	1%	-	1/3	
Flemish bond, with stretchers and full headers every 6th course, intermediate courses with blind headers	9%	or	1/8	
Flemish cross bond, alternate courses with stretchers and headers	196	10	1/6	
Double header and stretcher every 6th course				
Double header and stretcher every 5th course	% e	or 1	1/10	
Courtesy Structural Clay Products Institute				



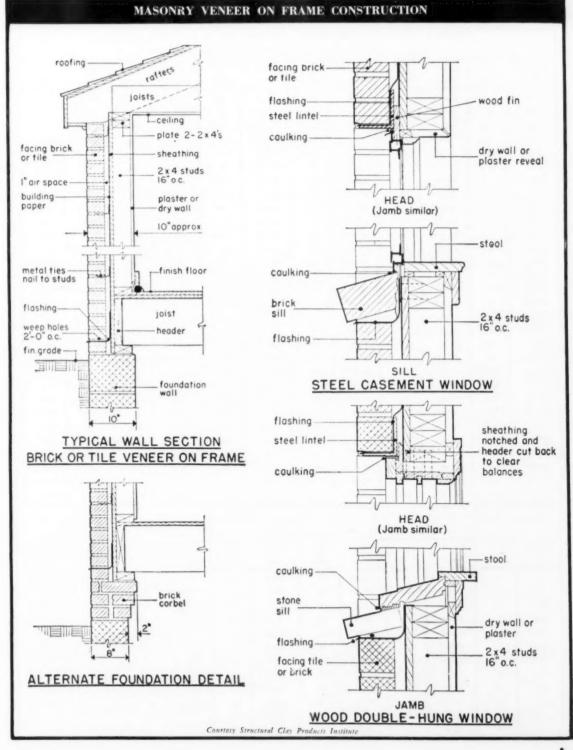


AMERICAN BUILDER

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### ESTIMATING CONCRETE MASONRY

	N	OMINAL		OF CON			WALLS	BY STRE	TCHERS	;	
		(84	used on unit	s 15%s" long a	ind half unit	s 7%s" long w	ith 3/8" thic	k head joints)			
LENGTH OF WALL	NO. OF UNITS	LENGTH OF WALL	NO. OF UNITS	LENGTH OF WALL	NO. OF UNITS	LENGTH OF WALL	NO. OF UNITS	LENGTH OF WALL	NO. OF UNITS	LENGTH OF WALL	NO. OF UNITS
0'-8"	1/2	20'-8"	151/2	40'-8"	301/2	60'-8''	451/2	80'-8"	6012	100'-8"	7512
1'-4"	1	21'-4"	16	41'-4"	31	61'-4"	46	81'-4"	61	101'-4"	76
2'-0"	11/2	22'-0"	161/2	42'-0"	311/2	62'-0"	4612	82'-0"	6112	102'-0"	<b>76</b> <sup>1</sup> 2
2'-8"	2	22'-8"	17	42'-8"	32	62'-8"	47	82'-8"	62	102'-8"	77
3'-4"	212	23'-4"	1712	43'-4"	3212	63'-4"	4712	83'-4"	6212	103'-4"	7712
4'-0"	3	24'-0"	18	44'-0"	33	64'-0''	48	84'-0''	63	104'-0"	78
4'-8"	312	24'-8"	181/2	44'-8"	3312	64'-8''	481/2	84'-8''	631z	104'-8"	781/2
5'-4"	4	25'-4"	19	45'-4"	34	65'-4"	49	85'-4''	64	105'-4"	79
6'-0''	41/2	26'-0"	1912	46'-0''	341/2	66'-0"	4912	86'-0''	6412	106'-0"	791/2
6'-8"	5	26'-8"	20	46'-8"	35	66'-8"	50	86'-8"	65	106'-8"	80
7'-4"	512	27'-4"	201/2	47'-4"	3512	67'-4"	50 <sup>1/2</sup>	87'-4"	6512	107'-4"	8012
8'-0''	6	28'-0"	21	48'-0"	36	68'-0''	51	88'-0''	66	108'-0"	81
8'-8"	61/2	28'-8"	2112	48'-8"	3612	68'-8"	5112	88'-8"	6612	108'-8"	8112
9'-4''	7	29'-4"	22	49'-4"	37	69'-4"	52	89'-4"	67	109'-4"	82
10'-0''	712	30'-0''	221/2	50'-0"	3712	70'-0"	521/2	90'-0"	6712	110'-0"	821/2
10'-8"	8	30'-8"	23	50'-8"	38	70'-8"	53	90'-8"	68	110'-8"	83
11'-4"	81/2	31'-4"	231/2	51'-4"	381/2	71'-4"	531 <sub>2</sub>	91'-4"	6812	111'-4"	831/2
12'-0"	9	32'-0"	24	52'-0"	39	72'-0"	54	92'-0"	69	112'-0"	84
12'-8"	912	32'-8"	2412	52'-8"	3912	72'-8"	541/2	92'-8"	6912	112'-8"	841/2
13'-4"	10	33'-4"	25	53'-4"	40	73'-4"	55	93'-4"	70	113'-4"	85
14'-0''	101/2	34'-0''	251/2	54'-0"	4012	74'-0"	5512	94'-0''	7012	114'-0"	851/2
14'-8"	11	34'-8''	26	54'-8"	41	74'-8''	56	94'-8"	71	114'-8"	86
15'-4"	111/2	35'-4"	2612	55'-4"	411/2	75'-4"	5612	95'-4"	7112	115'-4"	861/2
16'-0''	12	36'-0''	27	56'-0"	42	76'-0''	57	96'-0"	72	116'-0''	87
16'-8"	1212	36'-8"	2712	56'-8"	421/2	76'-8"	571/2	96'-8''	7212	116'-8"	871/2
17'-4"	13	37'-4"	28	57'-4"	43	77'-4"	58	97'-4"	73	117'-4"	88
18'-0"	1312	38'-0"	2812	58'-0"	431/2	78'-0''	581/2	98'-0''	731/2	118'-0"	8812
18'-8"	14	38'-8"	29	58'-8"	44	78'-8"	59	98'-8"	74	118'-8"	89
19'-4''	1412	39'-4''	2912	59'-4"	4412	79'-4"	591/2	99'-4"	741z	119'-4"	8910
20'-0''	15	40'-0''	30	60'-0''	45	80'-0''	60	100'-0''	75	120'-0''	90
NOMINA		HT OF CO Based on units					URSES		DW TO US	E THESE TABL	ES
HEIGHT	NO.	HEIGHT	NO.	HEIGHT	NO.			The table	on this pa	ge are an aid	to estimating
OF	OF UNITS	OF	OF UNITS	OF	OF UNITS	HEIGHT OF WALL	NO. OF UNITS		ng are exar	dard concrete m nples of how	
0'-8''	1	8'-8''	13	16'-8"	25	24'-8"	37	Estimate 1 76' long a	nd 12' high	of units require	d for a wal
1'-4"	2	9'-4"	14	17'-4"	26	25'-4"	38	From table	76' = 57 12' = 18	units	
2'-0''	3	10'-0''	15	18'-0"	27 .	26'-0''	39	57 x 18 = Example :	= 1026 =	No. masonry u	nits required
2'-8"	4	10'-8"	16	18'-8"	28	26'-8"	40	Estimate t	- 20/ 11	of units required courses high.	
3'-4"	5	11'-4"	17	19'-4"	29	27'-4"	41	2 x 24-30	= 108' =	distance aroun 81 units	d foundation
4'-0''	6	12'-0"	18	20'-0''	30	28'-0"	42	W		marony a	mits redance
4'-8"	7	12'-8"	19	20'-8''	31	28'-8"	43	building on	a modular	useful in the basis to elimina	te cutting o
5'-4"	8	13'-4"	20	21'-4"	32	29'-4"	44	il can be for	and from the	an calls for a e table that mai	king this wal
6'-0''	9	14'-0"	21	22'-0"	33	30'-0"	45	waste. Exan	ple: If the	utting units an distance betwe	en two open
6'-8"	10	14'-8''	22	22'-8"	34	30'-8"	46	sulting the	table will	ly established show that 2'-1	at 2'9", con dimensio
7'-4"	11	15'-4"	23	23'-4"	35	31'-4"	47	would elimi	nate culting	ol units.	

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18

8'-0"

12

16'-0"

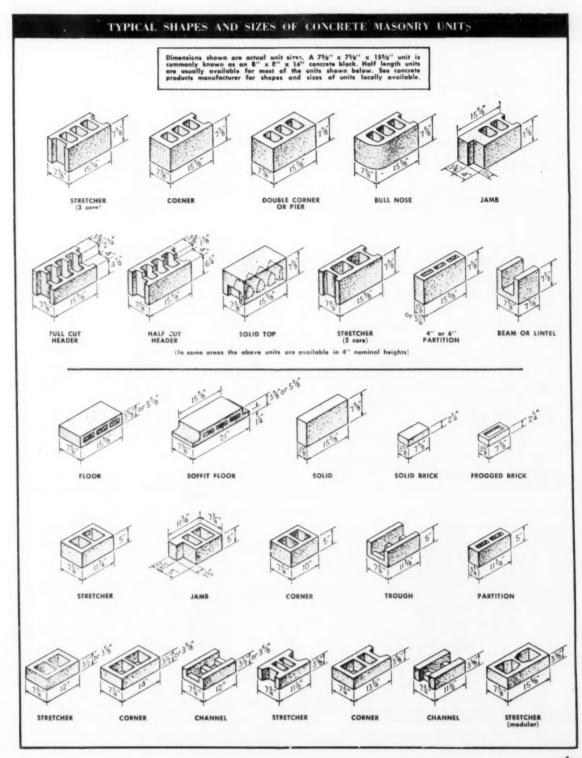
24

24'-0"

36

32'-0"

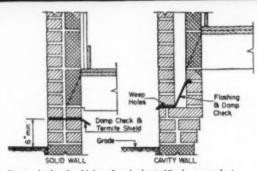
48



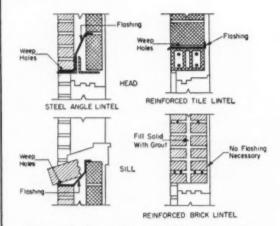
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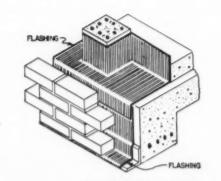
### Flashing Structural Clay Masonry



Damp checks should be placed about 6" above grade to prevent moisture, absorbed from the ground by exterior foundations, from traveling upward by capillary action into the wall above.



Flashing should be placed under and behind both masonry and wood sills. All heads of openings, except those protected by projecting eaves or hoods, should have through flashing.



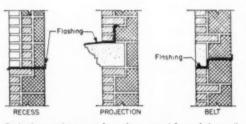


Spandrel beams should be flashed continuously throughout their length. Where columns occur above the beam, the flashing shoud be turned up approximately 6".

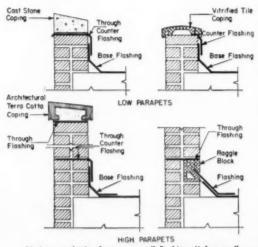


Base flashing of chimneys should extend well back under the roof covering. Counter flashing should be imbedded securely in the mortar joints of the chimney wall. .

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Projections and recesses from the exposed face of the wall tend to hold water or snow and should be flashed, preferably over the top with the outer edge of the flashing bent down and folded as a drip.



Various methods of parapet wall flashing. Unless wall coping is of an impervious material with watertight joints, through flashing should be placed in the mortar bed under the coping.

Courtesy Structural Clay Products Institute

10.50			CUBIC	C YARD	CONTE	VIS OF	WALLS	S AND	SLABS			_
					THICK	NESS OF V	VALL IN IN	CHES				
WALL	2"	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"
1	.0062	.0124	.0185	.0247	.0308	.037	.043	.049	.055	.062	.068	.074
2	.0124	.0248	.0370	.0492	.0616	.074	.086	.099	.111	.123	.136	.148
3	.0186	.0372	.0555	.0741	.0924	.111	.129	.148	.166	.185	.203	.222
4	.0248	.0496	.0740	.0988	.1232	.148	.173	.197	.222	.246	.271	.296
5	.0310	.0620	.0925	.1235	.1540	.185	.216	.247	.277	.308	.339	.370
6	.0372	.0744	.1110	.1482	.1848	.222	.259	.296	.333	.369	.407	.444
7	.0434	.0868	.1295	.1729	.2156	.259	.302	.346	.385	.431	.475	.518
8	.0496	.0992	.1480	.1976	.2464	.296	.345	.395	.444	.493	.542	.592
9	.0558	.1116	.1665	.2223	.2772	.333	.389	.445	.499	.554	.610	.666
10	.0620	.1240	.1850	.2470	.3080	.370	.432	.494	.555	.616	.678	.740
20	.124	.248	.370	.492	.616	.740	.864	.988	1.108	1.232	1.356	1.480
30	.186	.372	.555	.741	.924	1.110	1.296	1.482	1.665	1.848	2 034	2 220
40	.248	.496	.740	.988	1.232	1.481	1.728	1.976	2.220	2.464	2 712	2.960
50	.310	.620	.925	1.235	1.540	1.852	2.160	2,470	2.775	3.080	3.390	3.704
60	.372	.744	1.110	1.482	1.848	2.222	2.592	2.964	3.330	3 696	4.068	4.444
70	.434	.868	1.295	1.729	2.156	2.592	3.024	3.458	3.885	4.312	4.746	5.184
80	.496	.992	1.480	1.976	2.464	2.962	3.456	3.952	4.440	4.928	5.424	5.924
90	.558	1.116	1.665	2.223	2.772	3.333	3.888	4.446	4.995	5.544	6.102	6.666
100	.62	1.24	1.85	2.47	3.08	3.70	4.32	4.94	5.55	6.16	6.78	7.41
200	1.24	2.48	3.70	4.92	6.16	7.40	8.64	9.88	11.08	12.32	13 56	14.80
300	1.86	3.72	5.55	7.41	9.24	11.10	12.96	14.82	16.65	18.48	20.34	22.20
400	2.48	4.96	7.40	9.88	12.32	14.80	17.28	19.76	22.20	24.64	27.12	29.60
500	3.10	6.20	9.25	12.35	15.40	18.50	21.60	24.70	27.75	30.80	33.90	37.04
600	3.72	7.44	11.10	14.82	18.48	22.20	25.92	29.64	33.30	36.96	40.68	44.44
700	4.34	8.68	12.95	17.29	21.56	25.90	30.24	34.58	38.85	43.12	47.46	51.84
800	4.96	9.92	14.80	19.76	24.64	29.60	34.56	39.52	44.40	49.28	54.24	59.24
900	5.58	11.16	16.65	22.23	27.72	33.30	38.88	44.46	49.95	55.44	61.02	66 66
1000	6.20	12.40	18.50	24.70	30.80	37.00	43.20	49.40	55.50	61.60	67.80	74.06

DEPTH		WIDTH OF FOOTING IN INCHES													
IN	6	8	10	12	14	16	18	20	22	24					
6	.093	.124	.154	.185	.217	.248	.278	.308	.340	.370					
8	.124	.165	.205	.247	.289	.330	.370	.410	.451	.494					
10	.155	.206	.256	.308	.360	.412	.462	.512	.564	.616					
12	.185	.247	.308	.370	.432	.494	.555	.616	.678	.740					
14	.216	.288	.360	.432	.504	.576	.648	.720	.792	.864					
16	.247	.329	.410	.494	.576	.658	.739	.820	.904	.988					
18	.278	.370	.462	.555	.648	.740	.832	.924	1.017	1.110					
20	.309	.411	.513	.617	.720	.820	.924	1.024	1.130	1.234					
22	.339	.452	.564	.679	.791	.900	1.016	1.128	1.243	1.358					
24	.37	.494	.616	.740	.864	.988	1.110	1.232	1.360	1,480					

HOW TO USE THIS TABLE

This table gives the cubic yard factors to use in estimating quantities of concrete required for factors when the total lineal feet is known. Example: Find the number of cubic yards of concrete required for a factors 100 lin. ft. From the table it is found that 10 lin. ft. of 18" x 10" factors concrete x 100 lin. ft. Multiply .0462 x 108 = 4.989 cu. yds. or .462 x 10.8 = 4.989 cu. yds.

or .46.2 x 10.5 = 4.989 cu. yds. contrate required NOTE: This table is also useful in estimating the quantity of earth to be removed from footing excavations. Fellow the same procedure as outlined above.

				LUN	MBEI	R CA	LCUL	<b>ÀTO</b> I	<b>R</b> =	- во	ARD	FEE	Т			ana seta e	
SIZE OF TIMBER	8'	10'	12'	14'	16	18'	20'	22'	24'	26'	28'	30'	32'	34'	36'	38'	40'
4x 4	102/3	131/3	16	182/	5 211	/3 24	262/3	291/3	32	342/3	371/3	40	422/3	451/3	48	502/3	531/3
4 x 6	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
4 x 8	211/3	262/3	32	371/	423	15 48	531/3	58%	64	691/3	742/3	80	851/3	902/3	96	1011/3	106%
4 x 10	262/3	331/3	40	462/	5 531	/3 60	662/3	731/3	80	862/3	931/3	100	106%	1131/3	120	1262/3	1331/3
4 x 12	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
4 x 14	371/3	462/3	56	651	3 743	5 84	931/3	102%	112	1211/3	130%	140	1491/3	1582/3	168	1771/3	1863/3
4 x 16	423/3	531/3	64	742	6 851	/3 96	1062/5	1171/3	128	138%	1491/3	160	1702/3	1811/3	192	2022/3	2131/3
6 x 6	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
6 x 8	32	40	48	56	64	72		88	96	104	112	120	128	136	144	152	160
6 x 10	40	50	60	70	80	90		110	120	130	140	150	160	170	180	190	200
6 x 12	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
6 x 14	56	70	84	98	112	126	140	154	168	182	196	210	224	238	252	266	280
6 x 16	64	80	96	112	128	144		176	192	208	224	240	256	272	288	304	320
8 x 8		531/3	64	743			1062/3	1171/3	128	1382/3	1491/3	160	1702/3	1811/3	192	2022/3	2131/3
8 x 10		662/3	80	931				1462/3	160	1731/3	1862/3	200	2131/3	2262/3	240	2531/3	2662/3
8 x 12	64	80	96		128			176	192	208	224	240	256	272	288	304	320
8 x 14		931/3	112					2051/3	224	2422/3	2611/3	280	2982/3	3171/3	336	3542/3	3731/3
8 x 16		1062/3	128	1491				2342/3	256	2771/3	2982/3	320	3411/3	3622/3	384	4051/2	4262/3
10 x 10		831/3	100		-			1831/3	200	2162/3	2331/3	250	2662/3	2831/3	300	3162/3	3331/3
10 x 12		100	120		160			220	240	260	280	300	320	340	360	380	400
10 x 14		1162/3	140	1631				2562/3	280	3031/3	3262/3	350	3731/3	3962/3	420	4431/3	4662/3
10 x 16		1331/3	160		-			2931/3	320	3463/3	3731/3	400	4262/3	4531/3	480	5062/3	5331/3
12 x 12		120	144		192			264	288	312	336		384	408	432	456	480
SIZE OF				1.00	1	1		-	ZE C	)F		1	1	1			
TIMBER	8'	10'	12'	14'	16'	18'	20'		IMBE	R	8'	10'	12'	14'	16'	18'	20'
1 x 2	11/3	12/3	2	21/3	22/3	3	31/3	5/4		2		21/12	21/2	211/12	31/3	33/4	41/3
1 x 3		21/2	3	31/2	4	41/2	5	5/4		3	1	31/8	33/4	43/8	5	5%	61/4
1 x 4	22/3	31/3	4	42/3	51/3	6	62/3	5/4		4		41/6	5	5%	62/3	71/2	81/3
1 x 5		416	5	5%	62/3	71/2	81/3	5/4		5	1	5924	61/4	77/24	81/3		10912
1 x 6	4	5	- 6	7	8		10			6		61/4	71/2	83/4	10	111/4	121/2
1 x 8,		62/3		91/3	102/3	12	131/3			8		81/3	10	112/5	131/3		162/3
1 x 10	62/3	81/3	10	112/3	131/3	15	162/3			0		10%12	121/2	147/12	162/3		2096
1 x 12		10	12	14	16	18	20			2	1	121/2	15	171/2	20	221/2	25
1 x 14		112/3	14	161/3	182/3	21	231/3			2		21/2	3	31/2	4	41/2	5
1 x 16		131/3	16	182/3	211/3	24	262/3			3		33/4	41/2	51/4	6	63/4	71/2
1 x 18,		15	18	21	24	27	30	6/4		4		5	6	7		9	10
1 × 20	131/3	162/3	20	231/3	262/3	30	331/3	6/4		5		61/4	71/2	83/4	10	111/4	121/2
		1 1						6/4		6		71/2	9	101/2	12	131/2	15
		1 1			1 1			6/4		8		10	12	14	16	18	20
										0		121/2	15 18	171/2	20	221/2	25
	1		1	1	1	1	1	1 0/4	1	2	1	13	10 1	21	24	27	30
SIZE OF TIMBER	8'	10'	12	14	11	5' 11	20'	22'	24	1 26'	28	30'	32'	34'	36'	38'	40'
2 x 4	51/3	62/3		9	1/3 10	2/3 1	2 131/	3 142/	3 1	6 171/	182	5 20					
2 x 6		10	1	2 14	10	6 1	8 20	22	2	4 26	28	30	32		1 1		
2 x 8	102/3	131/3	1	6 18	2/3 21	11/3 2	4 262	5 291	3 3	342/	371					502/3	531/3
2 x 10		162/3					0 331/			10 431/						631/3	667/3
2 × 12		20	2	4 28			6 40	44	4	8 52	56		1	68	72	76	80
2 x 14		231/3					2 462			6 602/						882/3	931/3
2 × 16							8 531			4 691/						1011/3	1062/3
		10	1				8 20	22		4 26	28	-		34	36	38	40
	. 8						7 30	33		16 39	42			51	54		60
3 x 4			1	8 21				1	1.		44	43	40	1 31	1 34		
3 x 4 3 x 6	12	15	1		-		6 40	44	4	18 52	84	40	64	48	22	76	
3 x 4 3 x 6 3 x 8	12	15 20	2	4 28	3	2 3	6 40	44		18 52	56	60		68	72	76	80
3 x 4 3 x 6 3 x 8 3 x 10	12 16 20	15 20 25	2	4 28 0 35	33	2 3	5 50	55		65	70	75	80	85	90	95	100
3 x 4 3 x 6 3 x 8 3 x 10 3 x 12	12 16 20 24	15 20 25 30	2 3 3	4 28 0 35 6 42	3:	2 3 0 4 8 5	5 50 4 60	55 66	1	0 65 2 78	70 84	75 90	80 96	85 102	90 108	95 114	100 120
3 x 4 3 x 6 3 x 8 3 x 10	12 16 20 24 28	15 20 25	2334	4 28 0 35	33 40 41 51	2 3 0 4 8 5 6 6	5 50	55	8	65	70	75	80 96 112	85	90	95	100

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AMERICAN BUILDER

### ALLOWABLE SPANS FOR JOISTS AND RAFTERS

	Dressed	DOUGL			GLAS FIR AN	D SOUTHERN YE			RN PINE
Nominal Size (inches)	Spacing c. to. c.	1900—f Select Structural Framing etc.	No. 1 Framing, Joists, Plank	No. 2 Framing, Joists, Plank	No. 3 Framing, Joists, Plank	Nominal Size (inches)	Spacing c. to c.	No. 1 dense 2-inch dimension	No. 1 2-inch dimensio
2 x 6	In. 12 16 20 24	Ft. In. 11 3 10 2 9 6 8 11	Ft. In. 11 3 10 2 9 6 8 11	Ft. In. 11 3 10 2 9 2 8 4	Ft. In. 7 7 6 7 5 10 5 4	2 × 6	In. 12 16 20 24	Ft. In. 11 3 10 2 9 6 8 11	Ft. In. 11 3 10 2 9 6 8 11
2 x 8	12 16 20 24	15 0 13 8 12 8 11 11	15 0 13 8 12 8 11 11	15 0 13 8 12 2 11 2	11 8 10 1 9 0 8 3	2 x 8	12 16 20 24	15 0 13 8 12 8 11 11	15 0 13 8 12 8 11 11
3 x 8,	12 16 20 24	17 8 16 0 14 11 14 0	17 8 16 0 14 11 14 0	17 8 16 0 14 11 14 0	14 10 12 10 11 6 10 6	3 x 8*	12 16 20 24	17 8 16 0 14 11 14 0	
2 x 10	12 16 20 24	19 0 17 3 16 1 15 1	19 0 17 3 16 1 15 1	19 0 17 3 15 5 14 1	15 11 13 9 12 4 11 3	2 x 10	12 16 20 24	19 0 17 3 16 1 15 1	19 0 17 3 16 1 15 1
3 × 10	12 16 20 24	22 4 20 3 18 10 17 9	22 4 20 3 18 10 17 9	22 4 20 3 18 10 17 9	20 1 17 6 15 8 14 4	3 x 10*	12 16 20 24	22 4 20 3 18 10 17 9	** **
2 x 12	12 16 20 24	23 0 20 10 19 5 18 3	23 0 20 10 19 5 18 3	23 0 20 10 18 8 17 1	18 7 16 1 14 5 13 2	2 x 12	12 16 20 24	23 0 20 10 19 5 18 3	23 0 20 10 19 5 18 3

Nominal Size (inches)	Spacing c. to c.	No. 1 dense 2-inch dimension	No. 1 2-inch dimension	No. 2 dense 2-inch dimension	No. 2 2-inch dimension
2 x 6	In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.
	12	11 3	11 3	11 3	11 3
	16	10 2	10 2	10 2	10 2
	20	9 6	9 6	9 6	9 2
	24	8 11	8 11	8 11	8 4
2 x 8	12	15 0	15 0	15 0	15 0
	16	13 8	13 8	13 8	13 8
	20	12 8	12 8	12 8	12 2
	24	11 11	11 11	11 11	11 2
3 × 8*	12 16 20 24	17 8 16 0 14 11 14 0	··· ··· ·· ··· ·· ··	** **	e ** ** ** ** ** **
2 x 10	12	19 0	19 0	19 0	19 0
	16	17 3	17 3	17 3	17 3
	20	16 1	16 1	16 1	15 5
	24	15 1	15 1	15 1	14 1
3 × 10°	12 16 20 24	22 4 20 3 18 10 17 9	** **	** **	··· ·· ·· ·· ·· ··
2 x 12	12	23 0	23 0	23 0	23 0
	16	20 10	20 10	20 10	20 10
	20	19 5	19 5	19 5	18 8
	24	18 3	18 3	18 3	17 1

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### ALLOWABLE SPANS FOR YELLOW PINE AND DOUGLAS FIR RAFTERS

(First table below is for Yellow Pine and the second is for Douglas Fir)

(Roof slopes greater than 3 in 12. Span is the actual length of the rafter between the plate and the ridge or an intermediate support)

	Spacing			No. 1 Fr Joists, et	Plank,	No. 2 Fr Joists, etc	Plank,	No. 3 Framing, Joists, Plank, etc.		
(inches)	c. to c.	Light roofing	Heavy roofing	Light roofing	Heavy roofing	Light	Heavy roofing	Light roofing	Heavy roofing	
2 x 4*	In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.	
	12	14 1	12 6	9 8	8 7	7 6	6 8	5 2	4 7	
	16	12 3	10 11	8 5	7 6	6 6	5 9	4 5	3 11	
	20	10 11	9 9	7 6	6 8	5 10	5 2	4 0	3 6	
	24	10 0	8 11	6 10	6 1	5 4	4 9	3 7	3 3	
2 x 6	12	21 11	19 6	20 10	18 7	18 2	16 2	11 8	10 4	
	16	18 11	16 11	18 1	16 1	15 9	14 0	10 1	9 0	
	20	17 1	15 0	16 2	14 5	14 1	12 6	9 0	8 0	
	24	15 6	13 9	14 9	13 2	12 11	11 5	8 3	7 4	
2 x 8	12	29 3	26 1	27 10	24 10	24 3	21 7	17 11	16 0	
	16	25 3	22 7	24 2	21 5	21 0	18 8	15 6	13 10	
	20	22 7	20 2	21 7	19 2	18 10	16 9	13 11	12 4	
	24	20 8	18 4	19 8	17 6	17 2	15 3	12 8	11 3	
2 x 10	12	37 1	33 0	35 3	31 5	30 8	27 4	24 6	21 10	
	16	32 0	28 6	30 6	27 2	26 7	23 8	21 2	18 11	
	20	28 8	25 7	27 3	24 4	23 9	21 2	19 0	16 11	
	24	26 2	23 5	24 11	22 2	21 8	19 4	17 4	15 5	

Nominal Size (inches)	Spacing	Spacing- Struct Framin	wral	No. 1 Fr Joists, et	Plank,	No. 2 Fr Joists, et	Plank,	No. 3 Framing, Joists, Plank, etc.		
(Incres)	c. 10. c	Light roofing	Heavy roofing	Light roofing	roofing Heavy	roofing Light	roofing Heavy	Joists, P	roofing Heavy	
2 x 4*	in. 12 16 20 24	Ft. In. 15 4 13 4 11 11 10 11	Ft. In. 13 8 11 11 10 8 9 9	Ft. In. 10 4 8 11 8 0 7 4	Ft. In. 9 2 7 11 7 1 6 6	Ft. In. 7 11 6 10 6 2 5 7	Ft. In. 7 0 6 1 5 5 5 0	Ft. In. 5 2 4 5 4 0 3 7	Ft. In. 4 7 3 11 3 6 3 3	
2 x 6	12 16 20 24	23 10 20 7 18 7 16 11	21 3 18 5 16 4 15 0	20 10 18 1 16 2 14 9	18 7 16 1 14 5 13 2	18 2 15 9 14 1 12 11	16 2 14 0 12 6 11 5		10 4 9 0 8 0 7 4	
2 x 8	12 16 20 24	31 11 27 7 24 7 22 6	28 5 24 7 22 0 20 0	27 10 24 2 21 7 19 8	24 10 21 5 19 2 17 6	24 3 21 0 18 10 17 2	21 7 18 8 16 9 15 3		16 0 13 10 12 4 11 3	
2 x 10	12 16 20 24	40 5 34 10 31 3 28 6	35 11 31 1 27 10 25 5	35 3 30 6 27 3 24 11	31 5 27 2 24 4 22 2	30 8 26 7 23 9 21 8	27 4 23 8 21 2 19 4	24 6 21 2 19 0 17 4	21 10 18 11 16 11 15 5	

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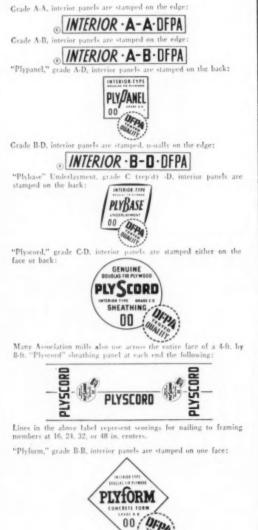
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### **GRADING STANDARDS OF DOUGLAS FIR PLYWOOD**

To preserve the high standards of quality set forth by the Douglas To preserve the righ standards of quarky set forth the grade marking and certification symbols recommended. Not only do the grade-mark

### INTERIOR GRADES

To identify the various grades within the Interior type Douglas fir plywood, these grade-marks are stamped or branded on all standard size panels:



DUALITY .

Natural Finish One Side, grade N-D, interior panels are stamped

◎ INTERIOR · N - D · DFPA Natural Finish Two Sides, grade N.N., interior panels are stamped

O INTERIOR ·N-N·DFPA

symbols on the plywood insure the builder that he will receive the kind of plywood specified but will facilitate procurement of the grade host suited to his needs EXTERIOR GRADES

To identify the Exterior type of Douglas fir plywood, the symbol "EXT.DFPA" is branded or stamped on the edge of each standard size panel. The various grades within the Exterior type are additionally identified by the following grade marks branded or stamped on the edge of each standard size panel.

Grade A.A. exterior nanels are stamped on the edge:



Grade A-B, exterior panels are stamped on the edge:

### EXT-DFPA-A-B

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"Plyshield," grade A-C, exterior panels are stamped on the edge and may also be stamped on the back.



Grade C (rep'd) -C Underlayment, exterior panels are stamped on the edge:

EXT-DFPA-UNDERLAYMENT

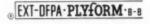
Sheathing, grade C-C, exterior panels are stamped on the edge:

EXT-DFPA-SHEATHING c-c

Utility, grade B-C, exterior panels are stamped on the edge:

### EXT-DFPA-UTILITY B-C

Concrete Form, grade B-B, exterior panels are stamped on the edge and may also be stamped on the back:





Each standard size overlaid panel also carries the symbol "EXT--DFPA" branded on the edge to indicate it is of Exterior type:

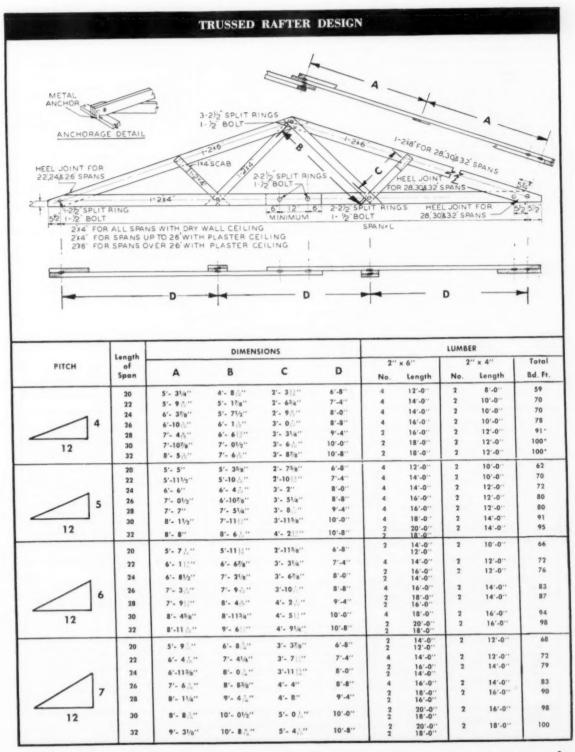


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on the edge:

on the edge:

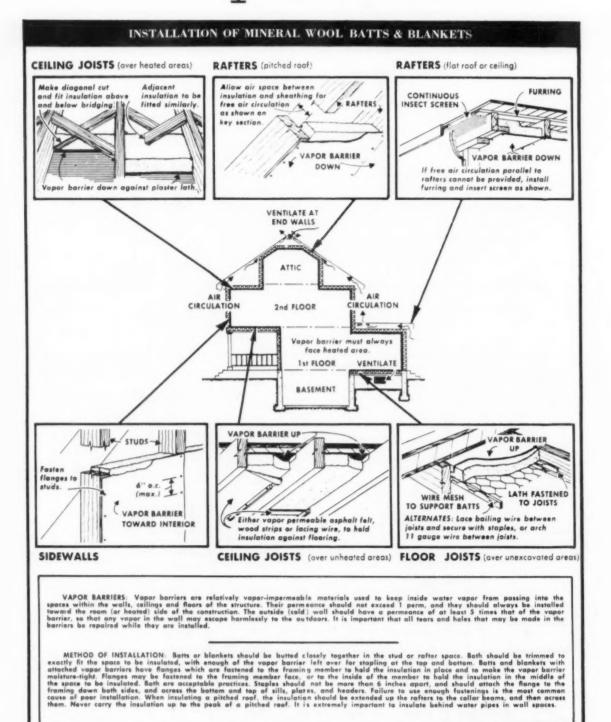
AMERICAN BUILDER



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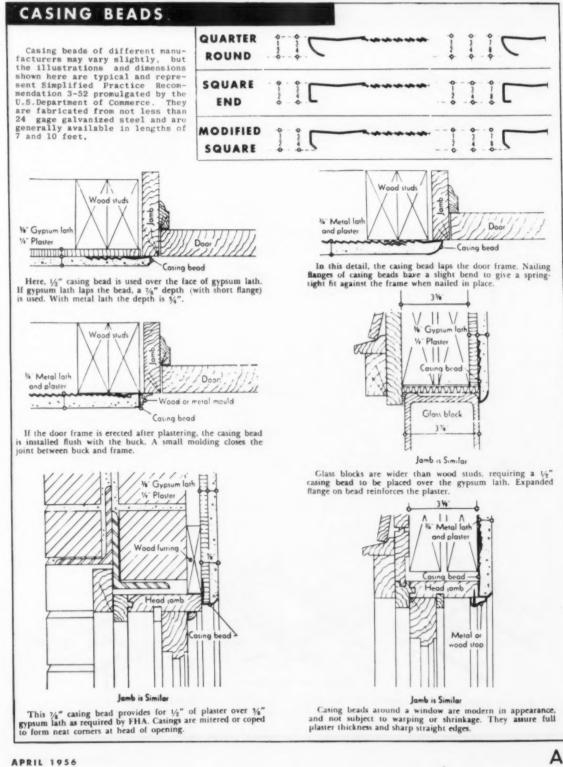
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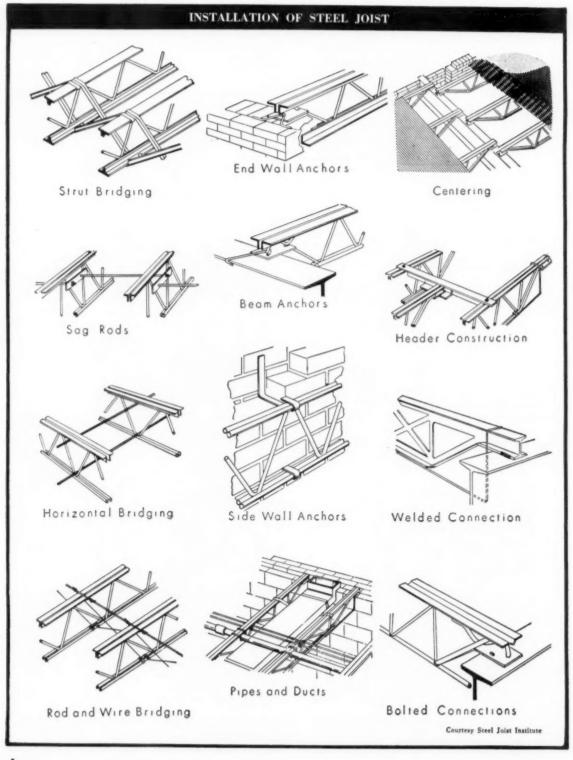


Courtesy of National Mineral Wool Association

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AMERICAN BUILDER

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## STEEL JOIST LOADING TABLES

The following table gives the total safe uniformly-distributed load-carrying capacities, in pounds per linear foot, of Open Web Steel Joists and Nailer Joists, adopted by the Steel Joist Institute. The weight of dead loads must in all cases be deducted to determine the live load-carrying capacities of the joists. When Nailer Joists (those with suffix W) are used, they should not be spaced farther apart than the safe span of the wood deck or other material used over them.

								1	1	1			101,010	2144, 31	82, 5182	WV. OIC.	
Joist Designation SJ	81 81W	82 82W	102 102W	103 103W	104 104₩	123 123W	124 124W	125 125W	126 126W	145 145W	146 146W	147 147W	168 166W	167 167W	186 186W	187 187W	207 207W
• Depth in Inches	8	8	10	10	10	12	12	12	12	14	14	14	16	16	18	18	20
† Approximate Weights in Pounds per Linear Foot	3.5	4.0	4.0	4.75	5.75	5.0	5.75	7.0	8.0	7.0	8.0	10.0	8.5	10.0	9.0	10.5	10.5
Resisting Moment in Inch Kips	29.5	52.5	63.	82.	100.	92.	115.	142.	175.	156.	205.	246.	232.	281.	255.	310.	340.
Maximum End Reaction in Kips	1.60	1.90	1.90	1.95	2.20	2.20	2.30	2.50	2.70	2.90	3.10	3.40	3.20	3.60	3.60	3.80	3.90
Span in Feet																	
7	401								1		1		1				
8	307			-				1	1	1	-		1				
9	243												1	1			
10	197	350															
11	163	289							1				1				
12	137	243	292						1				1	1		1	
13	116	207	249					1	1	1	1		1	1			
14	100	179	214			313		1	1	1		1	1				
15	87	156	187	243		273			1	1	1						
16	77	137	164	214	260	240			1	T		T					
17			145	189	231	212	265	T					1				
18			130	169	206	189	237		1	321							
19			116	151	185	170	212	262		288							
20			105	137	167	153	192	237		260							
21						139	174	215		236							
22						127	158	196	241	215							
23						116	145	179	221	197	258						
24						106	133	164	203	181	237		-	-	295		
25										166	219	262	247		272		
26				-						154	· 202	243	229		251		
27				-		-	-	-	1	143	187	225	212	257	233		
28							1	-	-	133	174	209		239	217	264	
29			-			-	1		-	-		-	184	223	202	246	-
30	-	-				-	-	-	-	-	-	-	172	208	189	230	252
31	-	-			-		-	-	-			-	161	195	177	215	236
32		-		-	-		-		-	-	-		151	183	166	202	221
33	-	-	-		-				-	-	-	-		-	156	190	208
34	-	-	-					-		-	-	-	-		147	179	196
35	-	-	-	-	-	-	-	-	-	-	-	-	-		139	169	185
36	-					-		-	-	-		-	-		131	159	175
37	-	-		-		-	-	-	-		-	-					166
38		-	-	-			-	-			-		-				157
39	-		-	-	-				-		-						149
40										1							142

Indicates Nominal Depth of Standard Steel Joists only. See Manufacturers' Catalog for Depths of Nailer Steel Joists.

 † Approximate Weights per Linear Foot of Joists includes accessories, but does not include wood nailer strip.

Adopted by the Steel Joist Institute August 20, 1929 and Revised to September 16, 1952.

This Table in accordance with Simplified Practice Recommendation No. R94-53 of the Bureau of Standarda, U. S. Dept. of Commerce.

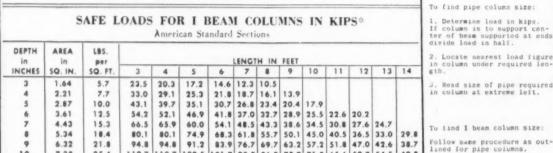
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						F	iber S	tress	-18:000	)#								
	EAM							SI	AN IN									
SIZE	WEIGHT	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
4"	8.5 10.5	9.5 10.7	7.6 8.5	6.3 7.1	5.4 6.1	4.7 5.3	4.2 4.7	3.8 4.3										
5"	10.0 12.25	14.5 16.2	11.6 13.0	9.7 10.8	8.3 9.3	7.3	6.5 7.2	5.8	5.3 5.9									
	14.75	18.0	14.4	12.0	10.3	9.0	8.0	7.2	6.5									
6"	12.5	21.8	17.4	14.5	12.5	10.9	9.7	8.7 9.5	7.9	7.3	6.7 7.3	6.2						
6	14.75 17.25	26.0	20.8	17.3	14.9	13.0	11.6	10.4	9.5	8.7	8.0	7.4						-
	15.3	31.0	24.8				13.8	12.4	11.3	10.3	9.5	8.9	8.3	7.7				
7"	17.5 20.0	33.4 36.0	26.7 28.7	22.2 24.0		16.7	14.8 16.0	13.3 14.4	12.1 13.1	11.1 12.0	10.3 11.1	9.5 10.3	8.9 9.6	8.3 9.0				
	18.4	42.7	34.1	28.5	24.4	21.3	19.0	17.1		14.2			11.4	10.7	10.0	9.5	9.0	8.
8"	20.5 25.5	45.2 51.1	36.1 40.9	30.1 34.1	25.8 29.2	22.6 25.5	20.1 22.7	18.1 20.4		15.1 17.0	13.9 15.7	12.9 14.6	12.0 13.6	11.3 12.8	10.6 12.0	10.0	9.5 10.8	9.
	21.8	56.6	45.3	37.7	32.3	28.3	25.2	22.6	20.6	18.9	17.4	16.2	15.1	14.2	13.3	12.6	11.9	11
9"	25.0	60.9 67.6	48.7	40.6	34.8	30.5	27.1	24.4	22.2	20.3	18.7	17.4	16.2	15.2	14.3	13.3	12.8	12
	35.0	74.2	59.4	49.5	42.4	37.1	33.0	29.7	27.0	24.7	22.8	21.2	19.8	18.6	17.3	16.5	15.6	14
	30.0	80.1	64.1	53.4	45.8	40.1	35.6	32.0	29.1	26.7	24.6	22.9	21.4	20.0	18.8	17.8	16.9	16
10"	35.0	87.5	70.0	58.3	50.0	43.7	38.9	35.0	31.8	29.2	26.9	25.0	23.3	21.9	20.6	19.4	18.4	17

\* The loads are given in kips, a kip being 1,000 lbs.

NOMINAL SIZE in	ACTUAL	WEIGHT			LEN	GTH I	N FEE	r					
INCHES	in INCHES	per Ft.	5	6	7	8	9	10	11	12	13	14	EXAMPLES
2	2-3/8	3.65	12.2	10.6	9.0	7.4	6.6	5.8	5.0	4.1	3.3		To find correct I beam size
2 1/2	2-7/8	5.79	21.6	19.4	17.3	15.1	12.9	11.4	10.3	9.2	8.1	7.0	1. Determine uniformly dis-
3	3-1/2	7.58	29.0	28.6	26.3	24.0	21.7	19.4	17.1	15.2	14.0	12.9	tributed load.
3 1/2	4	9.11	34.8	34.8	34.1	31.7	29.3	26.9	24.5	22.1	19.7	18.0	2. Locate this load figure
4	4-1/2	10.79	41.2	41.2	41.2	40.1	37.6	35.1	32.6	30.0	27.5	25.0	in column under span in fee
4 1/2	5	12.54	48.0	48.0	48.0	48.0	46.4	43.8	41.2	38.5	35.9	33.3	3. Read size and weight of
5	5-9/16	14.62	55.9	55.9	55.9	55.9	55.9	54.2	51.5	48.7	46.0	43.2	required beam in column at
6	6-5/8	18.97	72.5	72.5	72.5	72.5	72.5	72.5	72.5	70.2	67.3	64.3	extreme left.



109.5 101.7 93.8 86.0 78.7 71.8 65.6 59.7 54.5

" The loads are given in kips. a kip being 1,000 lbs.

110.7 110.7

25.4

49.8

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## STANDARD STYLES OF WELDED WIRE FABRIC

## Showing Styles, Weights, Spacing and Gauges of Wires, and Sectional Areas

For convenience in listing styles the spacing of the wires is shown to the left of the dash and the gauge of the wires, to the right.

Style	Weight per 100 Square Feet Based on Net Width	Space Wi in In	ng of res when	Steel Gauge	Wire e No.	Sect. Square per l	Inches	Style	Weight per 100 Square Feet Based on Net Width	Spaci Wi in In	603	Steel Gaug	Wire No.	Sect. Square per l	Inches
_	of 60"	Longit.	Trans.	Longit.	Trans.	Longit.	Trans.		of 60"	Longit.	Trans.	Longit.	Trans.	Longit.	Trans
22-1616° 22-1414° 22-1313°	13 21 28	2 2 2 2	20121	16 14 13	16 14 13	.018 .030 .039	.018 .030 .039	412-1212* 412-1112* 412-1012	13 16 19	4 4 4	12 12 12	12 11 10	12 12 12	.026 .034 .043	.009 .009 .009
22-1212° 22-1111° 22-1010	37 48 60	$\frac{2}{2}$	2222	12 11 10	$\begin{array}{c}12\\11\\10\end{array}$	.052 .068 .086	.052 .068 .086	412-912 412-812 412-711	22 25 31	4 4 4	12 12 12	9 8 7	12 12 11	.052 .062 .074	.009 .009 .011
24-1414° 24-1314° 24-1212°	16 19 28		1 1 1	$     \begin{array}{c}       14 \\       13 \\       12     \end{array} $	$     \begin{array}{c}       14 \\       14 \\       12     \end{array} $	.030 .039 .052	.015 .015 .026	412-610 412-510 412-57	36 42 45	4 4 4	12 12 12	6 5 5	10 10 7	.087 .101 .101	.014 .014 .025
212-38 212-06	105 166	22	$\frac{12}{12}$	3	8	.280	.021	412-49	49	4	12	4	9	.120	.017
216-812 216-711 216-610	46 55 65	2222	16 16 16	8 7 6	12 11 10	.124 .148 .174	.007 .008 .011	416-1012 416-912 416-812	18 21 25	4 4 4	16 16 16	10 9 8	$     \begin{array}{c}       12 \\       12 \\       12     \end{array}   $	.043 .052 .062	.007 .007 .007
216-510 216-49 216-38	75 89 104	2 2 2	16 16 16	5 4 3	10 9 8	.202 .239 .280	.011 .013 .015	416-711 416-610 416-510	30 35 40	4 4 4	16 16 16	7 6 5	11 10 10	.074 .087 .101	.009 .011 .011
216-28 216-17	119 139	$\frac{2}{2}$	16 16	$\frac{2}{1}$	8 7	.325 .377	.015 .018	416-49 416-38	48 56	4	16 16	4 3 2	9 8 8	.120	.013
33-1414° 33-1212° 33-1111°	$\begin{array}{c}14\\25\\32\end{array}$	3 3 3	3 3 3	$\begin{array}{c}14\\12\\11\end{array}$	$\begin{array}{c}14\\12\\11\end{array}$	.020 .035 .046	.020 .035 .046	416-28 66-1212* 66-1010	64 13 21	4 6 6	16 6 6	12 10	12 10	.162	.01
33-1010 33-99 33-88	41 49 58	3 3 3	3 3 3	10 9 8	10 9 8	.057 .069 .082	.057 .069 .082	66-99 66-88 66-77	25 30 36	6 6	6	9 8 7	9 8 7	.035 .041 .049	.03
316-812 316-711 316-610	32 38 45	3 3 3	16 16 16	8 7 6	$     \begin{array}{c}       12 \\       11 \\       10     \end{array} $	.082 .098 .116	.007 .009 .011	66-66 66-55	42 49	6	6	6	6 5	.058	.05
316-510 316-49 316-38	52 61 72	3 3 3	16 16 16	5 4 3	10 9 8	.135 .159 .187	.011 .013 .015	66-46 66-44 66-33	50 58 68	6 6	6 6 6	443	6 4 3	.080 .080 .080	.05
316-28 316-17 316-06	83 96 113	333	16 16 16	2 1 0	8 7 6	.216 .252 .295	.015 .018 .022	66-22 66-11	78 91	6 6	6 6	2 1	2	.108 .126	.10
44-1414*	11	4	4	14	14	.015	.015	66-00	27	6	6	0	0	.148	.14
44-1313* 44-1212*	14 19	44	4	13 12	13 12	.020 .026	.020 .026	612-66 612-55	32 37	6 6	12 12	6 5	65	.058	.02
44-1010 44-88 44-77	31 44 53	4 4 4	4 4 4	10 8 7	10 8 7	.043 .062 .074	.043 .062 .074	612-44 612-33 612-25	44 51 52	6 6	12 12 12	4 3 2	435	.080 .093 .108	.04
44-66 44-44	62 85	4 4	4 4	$^{6}_{4}$	6 4	.087 .120	.087 .120	612-22	59	6	12	2	2	.108	.05
48-1313° 48-1214° 48-1212°	12	4 4 4	8 8 8	13 12 12	13 14 12	.020 .026 .026	.010 .008 .013	612-17 612-14	56 61	6 6	12 12	1	74	.126	.04
48-1112* 48-1012 48-912		4 4 4	8 8 8	11 10 9	12 12 12 12	.034 .043 .052	.013 .013 .013	612-11 612-06 612-03	69 65 72	6 6	12 12 12	1 0 0	1 6 3	.126 .148 .148	.02
48-812 48-711	27 33	4	8 8	8 7	12	.062	.013	612-00 612-2/04 612-3/04	81 78 91	6 6 6	12 12 12	0 2/0 3/0	0 4 4	.148 .172 .206	.04

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	PICAL	NAILS F	OR ASP	HALT	ROOFING P	RODUCTS	
	Shingles per Square	Nails per Shingle	Nails per Square	Length of (*) Nail	Pounds per Sa 12 ga. by 7/16" head	uare (approx.) 11 ga. by 7/16" head	
Roll Roofing on new deck			252**	1"	.73	1.12	Structu
Roll Reafing over old roafing			252**	134"	1.13	1.78	STRUCTU
19" Selvage over old shingles			181	134"	.83	1.07	Large S
3 Tab Square Butt New	80	6	504	11/4**	1.83	2.32	Small H Prefabr
3 Tab Square Butt Reroofing	80	6	504	1%"	2.38	3.01	Farm H Garage
Hex Strip New	86	4	361	11/4"	1.28	1.68	Genera
Hex Strip	86	4	361	134"	1.65	2.03	Dairy B
Reroofing		-	501		1.00	2.05	Hay Ba
<b>Giant American</b>	226	2	479	11/4**	1.79	2.27	Hog Fa
Giant Dutch Lap	113	2	236	134"	1.07	1.39	Movab
Individual Hex	82	2	172	134"	.79	1.03	Hous

PRODUCT	SI	ELE	Koll				rips	Down	eroofer
Structure	90 lb. Roll	65 lb. Roll		19" Selvage	Individual Giant	<b>Hex Strips</b>	Square Butt Strips	Staple & Lock Dow	Dutch Lap & Reroofer
Large Suburban Home			×		x	×	×	×	×
Small Home	T		×		×	×	×	×	×
Prefabricated Home			×		×	×	×	×	×
Farm Home			x		×	×	x	x	×
Garage	×	×	×	×		×	×	×	×
General Purpose Barn			x	x	×	x	×	×	×
Dairy Beef Cattle Barns	×		×	×	×	×	×	×	×
Hay Barn	x	Γ	x	×		×	x	x	×
Hog Farrowing House	×	×	x	×		x	x	x	×
Movable Farrowing House	×	×				×	×	×	
Poultry Laying House	x	×	×	×	x	×	x	×	x
Brooder House	×	×	×	×		×	×	×	T
Machine Shed & Shop	x	×	×	×	x	×	×	×	x
Grain Storage (Small)	×	×		×	x	×	×	×	1
Milk House	×	×	×	×	×	×	×	×	x

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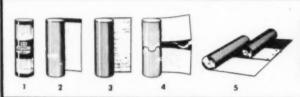
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(\*) Lenath of nail should always be sufficient to penetrate at least <sup>3</sup>/<sub>4</sub>" into sound wood deck lumber Nails should show little, if any, below underside of deck lumber

(\*\*) This is the number of nails required when spaced 2" apart. During the war nails were used on 3" centers and only 168 per roll supplied by the manufacturers. Many are still supplying the smaller number

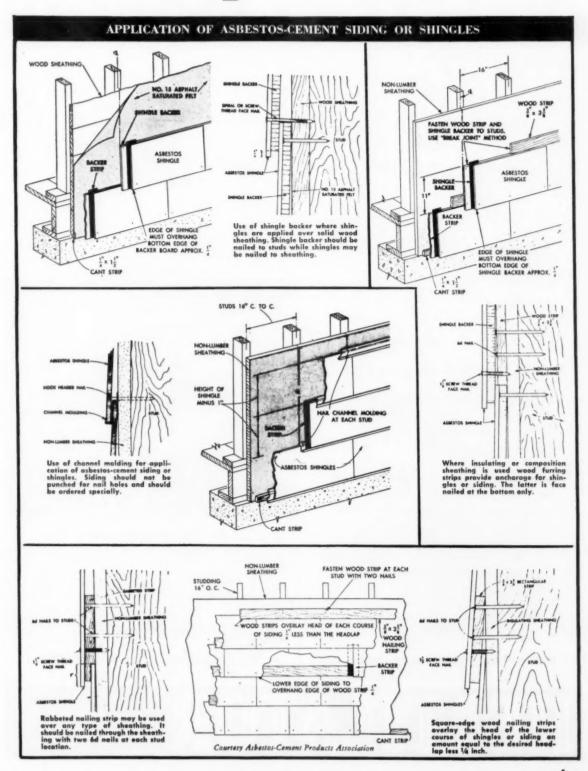


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		TYPICA	AL ASPHA	LT ROOF	ING PROD	DUCTS			
	PRODUCT	Wt. Per Square Applied	Packages Per Square	Length	Width	Shingles Per Square	Side or End Lap	Headlop	Exposure
1	Asphalt Saturated	15 lb.	1/4	144'	36"		4"	2"	34"
	Felt	30 lb.	1/2	72'	36"		4"	2"	34"
	Mineral Surfaced Roll	90 ib.	1.0	36'	36"	Exp.	4"	2"	34"
2		93 lb.	1.075	36'	36"	Conc.	6"	3"	33"
		95 lb.	1.15	36'	36"	Conc.	6"	4"	32"
	Smooth Roll	65 lb.	1	36'	36"		4"	2"	34"
3		55 lb.	1	36'	36"		4"	2"	34"
		45 lb.	1	36'	36"		4"	2"	34"
	Pattern Edge Roll	105 lb.	1	42'	36"			2"	16"
4		105 lb.	1	48'	32"			2"	14"
5	19" Selvage Double	144 lb.	2	36'	36"	Cold	1	19"	17"
3	Coverage	140 lb.	2	36'	36"	Hot		19"	17"
6	Roll Brick Siding	105 lb.	1	43'	31"			156"	137/1"
7	3 Tab Square Butt	210 lb.	2 or	36"	12"	80	1	2"	5"
/	Strip Shingle	262 lb.	3	36"	12"	100		4"	4"
8	Two and Three Tab Hex Strip Shingle	167 lb.	2	36"	11-1/3"	86	1	2"	4-2/3"
9	Individual Lock-Down	135 to 138 lb.	2	16"	16"	82	21/2"		
10	Giant Ind. American	325 lb.	4	16"	12"	226	1	6"	5"
11	Dutch Lop	162 lb.	2	16"	12"	113	3"	2"	10"

10

11



# AMERICA'S LEADING FIREPLACE 0.1/

## is preferred by builders and home owners,

A smokeless, heat circulating fireplace that will last as long as the house—that's what builders and owners look for when they are planning a home. And 3 out of 4 look to Heatilator for the fireplace unit that never fails them. That's why there are more Heatilator Fireplaces in use today than all other makes combined!

## The Heatilator Fireplace Unit ...

... has kept in step with progress over the years. It has been steadily improved for more efficient operation. It is the only unit specifically designed for today's modern homes.

... the only fireplace unit with a positive Pressure-Seel Damper. By sealing the chimney air-tight, it eliminates loss of heat in winter and costly summer air-conditioning.

•••• sturdily constructed with fully welded seams throughout—a one-piece boiler plate firebox designed for trouble-free service.

Write for folder giving full details and specifications.

HEATILATOR INC., 624 E. Brighton Ave., Syracuse, N.Y.



## **Heatilator Unit Sizes**

Heatilator units are available in a wide range of sizes with openings from 28" to 60" in width and fuel capacities up to 48" to meet every requirement.

Unit No.	Finished Width	Opening Height	Fuel Capacity	Shipping Weight
30	28″	24"	up to 24"	165 lbs.
34	32″	26"	up to 28"	190 lbs.
38	36"	28″	up to 32"	240 lbs.
42	40″	30"	up to 36"	300 lbs.
50	48"	32"	up to 42"	390 lbs.
62	60"	36"	up to 54"	610 lbs.





and the second second

Ruberoid's Color Grained Asbestos Sid-ing is washable! The secret is the exclu-sive DUROC® resin finish which armors every shingle. Seals color beauty in. Seals dirt out. It needs no paint to preserve it. (Apply with wood undercoursing for a three-dimensional shadowline effect, for extra beauty.)



ND Δ

## AUTOCLAVED SIDING

ASBESTOS BUILDING MATERIALS ASPHALT For more information, write The RUBEROID Co., 500 Fifth Avenue, New York 36, N.Y.

You Get Plus Values with Dimension 1. Superior Nail-holding Power 2. Ample Structural Strength 3. Costs Less Than No. 1



## Cost Economies with No. 2 Dimension

Substantial savings can be effected and are recommended by using the lower priced No. 2 framing illustrated here. This is an example of the increased stress value (1100F) recently assigned to No. 2 Grade, 2x4's and up, by the Southern Pine Inspection Bureau, the official grading authority.

This No. 2 Grade, now of closer grain than formerly, provides superior nail-holding power and ample strength with adequate safety factors for the construction classifications named above, at a worth-while saving below the cost of No. 1 Grade.



For complete data, illustrated grades, etc., send for our FREE Handbook,

Here's adequate

strength at definite

and stresses to be expected in construc-

tion of residences,

commercial buildings

apartments and

savings for all loads



356 Boyle Building, Little Rock, Arkansas



## BUILDER Reference

### ASBESTOS-CEMENT SIDING

Application manual on the application of asbestos-cement siding and shingles is available. Gives full instructions with detailed drawings,— Asbestos Cement Products Assoc.

Circle No. 1 on reply card Section 6

#### ASBESTOS-CEMENT SIDING

Features of "Color-Grained" asbestos siding are described in firm's Folder 1346, which also shows color selection. Other siding literature includes Folder 1348 on asbestos-cement shakes and a "how to" booklet on undercoursing.—Ruberoid Co.

Circle No. 2 on reply card Section 6

#### ASBESTOS-PLASTIC SHINGLES

"Fire-Chex" shingles are featured and several other builder products included in this colorful 8-page brochure. Gives specifications, illustrates applications.—Philip Carey Mfg. Co. Circle No. 3 on reply cord Section 6

#### ASPHALT SHINGLES

Literature describes new "Seal-O-Matic" shingle which has a special adhesive on the bottom of each shingle so that they will not blow up in the highest winds.—Johns-Manville.

Circle No. 4 on reply card Section 6

#### BRICK MASONRY

The cause and prevention of leaky brick walls are covered in this 16-page book. Completely illustrated it gives pictorial specifications for building walls of brick that will be water-resistant.—Louisville Cement Co.

Circle No. 5 on reply card Section 6

#### **BUILDING BOARDS**

New handbook on weatherproof insulating building boards is available. Gives the answers to 100 construction problems,--Homasote Co.

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Circle No. 6 on reply card Section 6

### BUILDING STONE

"Golden Tone Sandstone" applications are colorfully illustrated in new 16-page booklet—homes, churches, institutional buildings and others. Included: pattern and color examples, wall coverage-computing guide, setting data.—Briar Hill Stone Co.

Circle No. 7 on reply card Section 6

#### AMERICAN BUILDER

A24

## WILLIAM E. NEUMANN HOUSE

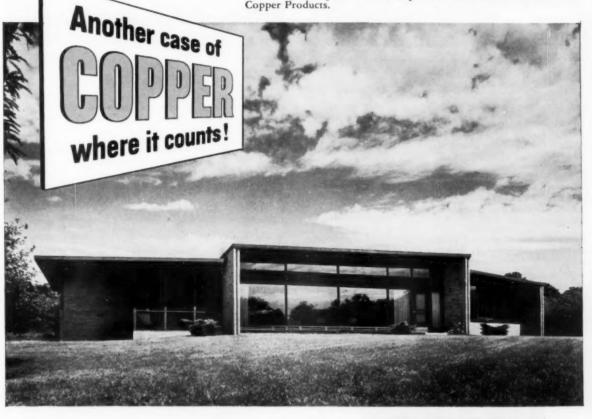
Du Page County, III.

Architects: GEORGE FRED KECK-WILLIAM KECK Gen. Cont.: TELANDER BROS. CONTRACTORS, INC. Sheet Metal Cont.: SUNDBERG ENGINEERING COMPANY Revere Dist.: CENTRAL STEEL & WIRE COMPANY All of Chicogo, III. **T**RADITIONAL, functional, modern ... name your type of architecture and you'll find copper in there protecting the vital spots, as it has been for centuries. On the Neumann residence shown 750 lbs. of Revere Sheet Copper were used for gravel stops and for flashing louvers and windows.

In spite of the introduction of other materials through the years there are many reasons why copper continues to be used by architects and builders. First off, the enduring qualities of sheet copper have been proved for centuries. It cannot rust, rot or deteriorate. So you know in advance that it will last. Second, sheet copper is easy to work, form and solder, is readily prefabricated. This flexibility makes it practical and economical to use in every conceivable shape and form to fit any design.

Third, because of its many qualities both Revere Sheet Copper and Revere Copper Water Tube have been accepted by the public as being indicative of a quality house. You do not have to justify its use. And that goes for a prospect for a \$12,000 home or a board member on a \$1,000,000 municipal project. Loan sources, too, are partial to the many attributes of copper in building construction.

And, in the case of Revere Copper Water Tube, contractors and builders tell us that, because it requires fewer fittings and is readily bent and soldered, it costs less to install than rustable materials. That's why Revere Copper Water Tube is the builders' favorite for hot and cold water lines, vent stack and drainage lines, underground service lines, radiant panel heating systems. Guard your reputation . . . keep out of trouble with Revere Copper Products.





Mills: Baltimore, Md.; Brooklyn, N. Y.; Chicago, Clinton and Jolits, Ill.; Detroit, Mich.; Los Angeles and Riverside, Calif.; New Badford, Mass.; Newport, Ark.; Rome, N.Y. Sales Offices in Principal Cities, Distributors Everywhere.

A25

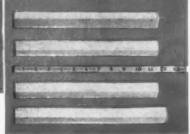
## **BRIXMENT MAKES**

BRIXMENT is a waterproofed masonry cement for every kind of brick, tile, concrete block or stone masonry, and also for stucco and plaster. Brixment complies with the requirements of the American Society for Testing Materials Specification C91 and the Federal Specification SSC-181 for Masonry Cement (both Type I and II). Specify one part Brixment, three parts damp sand.

## BRIXMENT MAKES SOUND MORTAR



The autoclave test requires the use of a high pressure steam chest (left). Neat cement bars are exposed to 295 Ibs. steam pressure, 420°F, for 3 hours,



Above: The two bars above the ruler are both Brixment, one before and one after autoclaving. The Brixment is sound - it has not expanded.

It has not expanded. The two bars below the ruler are portland cement and lime, one before and one after autoclaving. They are made of one part portland and one part of a lime which does not meet the autoclave test. Note the expansion-proof of unsoundness.

Sound mortar is essential for strong, durable brickwork. To be sound, mortar must be free of constituents which may cause abnormal expansion after long exposure to weather.

Unsoundness in mortar material is readily detected by the autoclave test. This severe test rapidly accelerates the chemical reaction of mortar materials, and the slightest unsoundness is immediately revealed by excessive expansion.

Brixment easily meets the requirements of the autoclave tests included in Federal and ASTM Specifications for Masonry Cement. Therefore, when Brixment is used, sound mortar and strong, durable brickwork are assured.

## BRIXMENT MORTAR ASSURES STRONG WALLS



The strength of Brixment mortar is more than adequate for any type of brickwork. The strength of brick piers laid with Brixment mortar is equivalent to the strength of piers laid with 1-1-6 cement and lime mortar. Brixment is therefore recommended for any kind of masonry — for foundations, loadbearing and parapet walls, for free-standing stacks for every use where strength is required.

## BRIXMENT MORTAR IS MORE DURABLE





To compare the durability of Brimment with that of ordinary comentand-lime mortar, make a cylinder or block of each, let both cure for a month or so, then freeze and thaw them about 15 times in your deepfreeze with a little water in the pan.

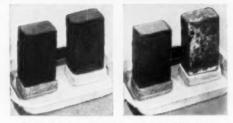
After a number of freezings and thawings, you will note that the cylinder of Brisment mortsr retains its original condition, while the cylinder of non-waterprocide materials has badly crumbled and scaled.

For permanent strength and beauty, mortar must be durable — must be able to withstand the alternate freezing and thawing to which it is subjected many times each winter.

Brixment mortar is durable. This durability is due partly to the strength and soundness of Brixment mortar, and partly to the fact that an air-entraining water-repelling agent is incorporated into Brixment during manufacture. This helps prevent the mortar from becoming saturated — therefore helps protect it from the destructive action of freezing and thawing.

Walls built with Brixment mortar therefore *retain* their original strength and appearance.

## BRIXMENT MORTAR HELPS PREVENT EFFLORESCENCE



To test Brisment and ordinary cement-and-lime mortar for resistance to efflorescence, "cap" two brick heavily with the mortars -- let harden, and keep both brick for a few weeks in a shallow pan of water, as shown. See the difference with Brisment mortar!

Efflorescence is an outcropping of minute white crystals on brickwork. It is caused by soluble salts which are present in almost all masonry materials. When reached by water, these salts dissolve and may 4

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## **BETTER MORTAR!**

be drawn, by evaporation, to the surface of the wall.

Brixment helps prevent efflorescence. The airentraining water-repelling agent in Brixment helps to prevent water from saturating the mortar and dissolving the small amount of salts that it may contain. Moreover, Brixment mortar prevents water from percolating down through the wall, dissolving the salts which may be in the brick, and carrying them to the surface.

## BRIXMENT MORTAR IS MORE IMPERMEABLE





Prepare two slabs of mortar, one with Briament and one with ordinary ement and lime mortar. After mortars have hardened, seal a lamp chimney to each of the mortar slabs, and fill with water.

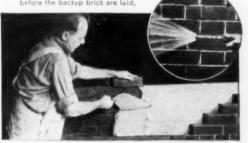
After 24 hours, note how much water has gone into and through the ordinary cement-and-lime mortar and how little water has gone into or through the Brivment mortar.

Impermeability is the ability of a mortar to withstand the passage of water. It improves the durability of the structure because it helps prevent the mortar from becoming saturated, and thereby helps protect it from freezing and thawing. It helps prevent efflorescence, because it checks the passage of water, and keeps it from percolating down through the wall. It helps prevent the absorption of harmful moisture up from the foundation and into the wall.

Brixment mortar is more impermeable. It contains an effective air-entraining water-repelling agent, so that even under pressure, water will not readily penetrate Brixment mortar. Brixment meets the special requirements of the Federal Specifications for waterrepelling masonry cements.

### BRIXMENT MORTAR HELPS PREVENT LEAKY WALLS

This kind of brickwork will not leak. All head joints are full and the face brick are backplastered before the backup brick are laid.



Dry brick walls are much more a matter of good design and good workmanship than a result of the mortar materials used. When a wall leaks, water almost never passes through the brick or through the mortar. It works its way through cracks or openings between the brick and mortar. Even when full joints are secured, all cracks may not be eliminated. The best precaution, therefore, is to parge or backplaster the face brick with waterproofed mortar before the backup units are laid. Brixment is waterproofed during manufacture. Therefore, if the face brick are backplastered with Brixment mortar, a water-repelling barrier is set up against the further penetration of any water which may have worked its way through cracks or yoids in the outside four inches of the wall.

## BRIXMENT MORTAR HAS GREATER PLASTICITY AND BETTER WATER-RETENTION



Place a dab of Brixment mortar and a dab of ordinary cementand-lime mortar on a brick. Wait a minute, then feel each mortar. The one that stays plastic longer will be the one having the highest water-retention. Feel the difference with Brixment mortar!

Brixment's exceptional plasticity has made it the most widely-used masonry cement in the field. It is as plastic as 1-2-9 cement and lime mortar. Brixment mortar makes it easy for the bricklayer to secure neat, economical brickwork.

Brixment mortar also has high water-retaining capacity (the ability of a mortar to retain its moisture when spread out on porous brick). Brixment strongly resists the sucking action of the brick and stays smooth and plastic longer when spread out on the wall. This permits a more thorough bedding of the brick and a more complete contact between the brick and the mortar. The result is better bond and hence a stronger and more watertight wall.

With Brixment, you lay brick instead of temper mortar.

## Contract Offices:

Second & Walnut Louisville, Kentucky New York 17, N. Y. 101 Park Ave. Chicago 1, III. 228 N. LaSalle St. Detroit 7, Mich. 1573 East Larned St. Charlotte 2, N. C. 116½ S. Church St.



Mills: Brixment, New York, and Speed, Indiana.

# Will your masonry look like this 1956 after ten years?

## with durable G-E SILICONE "defense in depth"

Water cracked this concrete – by getting into the masonry pores, freezing and expanding. Keeping water out of masonry makes it last longer. A simple, inexpensive treatment of above-grade masonry, with water repellents containing General Electric DRI-FILM® silicones, retards cracking and spalling . . . preserves masonry beauty by checking unsightly efflorescent stains. Your masonry stays cleaner, too, for water can't carry dirt or stains into the pores. And, of course, a waterrepelling *exterior* means a dry *interior*.

### **PROVIDES** "defense in depth"

A water-repellent treatment with DRI-FILM silicones is the *most durable known*—because it provides "defense in depth." Silicones actually penetrate masonry pores-get deep inside-where they cannot be eroded away. Durable silicone protection lasts for years!

Why not ask your supplier of water repellents about *silicone* protection for *your* masonry? For the names of suppliers using G-E DRI-FILM in their products, write to:

Silicone Products Department General Electric Company Section 64-1B, Waterford, New York (IN CANADA, write to Canadian General Electric Co., Ud., Toronto.)

#### **Paint and Chemical Manufacturers!**

DRI-FILM silicones offer you a profitable opportunity to add a superior water repellent to your product line. Ask us about them!

See your "Sweet's Industrial Construction & Architectural File" (9/Ge) for details!

Progress Is Our Most Important Product

GENERAL 🛞 ELECTRIC



## BUILDER Reference

#### **BUILDING PAPER**

Complete line of reinforced, waterproof building papers with uses and specifications are contained in this folder.—The Richkraft Co.

Circle No. 8 on reply card Section 6

### CONCRETE MASONRY

Here is a complete and authoritive manual on the proper procedure for the building of concrete masonry walls. An extensive use of pictures illustrates the methods which are calculated to promote the best type of workmanship possible.—Louisville Cement Co.

Circle No. 9 on reply card Section 6

### MASONRY REINFORCING

Technical data and other information on masonry wall reinforcing is contained in this literature.—Dur-O-Wal Div., Cedar Rapids Block Co.

Circle No. 10 on reply card Section 6

### CONCRETE REINFORCING

Concrete reinforced with welded wire fabric is 30% stronger. Types available for all job conditions. Specification data available in literature.— American Steel & Wire.

Circle No. 11 on reply card Section 6

### CONCRETE WATER-REPELLENT

Brochure on water-repellents contains valuable tips for builders and offers specifications for floors, walls, stucco and existing concrete work.— Medusa Portland Cement Co.

Circle No. 12 on reply card Section 6

### **CLAY FLUE LINING**

Standards of the Institute are set forth in this brochure. In addition to giving manufactured size standards; recommendations for safe construction of chimneys and fireplaces are outlined. —Clay Fuel Lining Institute.

Circle No. 13 on reply card Section 6

#### FIREPLACE UNITS

In addition to describing the advantages of this metal fireplace unit this 8-page booklet has numerous photographs of new and attractive fireplace designs. Complete working specifications are given for all models available.—Heatilator Inc.

Circle No. 14 on reply card Section 6

## Cut painting costs unbelievably with a "perma-paintable" siding

Crezon's velvety tooth takes paint faster, requires less paint.

Large panels speed building.



Crezon plywood is available through these leading plywood manufacturers and their distributors. Write for further information.

St. Paul and Tacoma Lumber Co. Tacoma, Washington United States Plywood Corp. 55 West 44th Street New York 36, N. Y.

Edward Hines Lumber Co. 77 West Washington Street Chicago 2, Illinois

Mount Baker Plywood, Inc. 2929 Roeder Avenue Bellingham, Washington

Walton Plywood Company P.O. Box 1120

Everett, Washington Georgia Pacific Plywood Co. 600 N. Capital Way

Olympia, Washington Roseburg Lumber Co. P. O. Box 1091 Roseburg, Oregon

Milwaukie Plywood and Door, Inc., 815 31st Milwaukie, Oregon

Available in standard sizes and thicknesses and as lap siding.





## It's the new Crezon plywood – with plastic's smoothness and plywood's strength

Here's siding that is velvet-smooth, flawless, *and* "perma-paintable". It eliminates paint checking and blistering...holds paint years longer than ordinary painted wood siding.

Made from exterior type plywood with a weather-proof, protective overlay, Crezon plywood siding resists cracking and warping even under extreme temperature changes. Builders are using it successfully in homes, industrial and commercial buildings as panel siding, lap siding, board and batten, gable ends, door panels.

You work Crezon plywood with standard tools and techniques. It doesn't split, chip or splinter. Goes up much faster. Saves on painting costs. And, FHA accepts Crezon siding with or withcut sheathing, depending on local conditions.



A PRODUCT OF CROWN ZELLERBACH San Francisco 19, California

A29

For driveways...

## YOU CAN'T BEAT REINFORCED CONCRETE!

America is buying bigger homes, better homes. You will be building some of them. You'll want to see that every last detail spells economy and "quality."

That goes for concrete surfaces, too. For strength and durability—long-lasting good looks—be sure to reinforce every concrete surface with American Welded Wire Fabric. Not only driveways, but porches, patios, sidewalks, slab floors, curbs, foundation walls as well.

American Welded Wire Fabric adds the strength of steel to your concrete . . . binds the whole slab tightly together . . . stops bad cracks. It costs less to build a reinforced concrete slab because concrete ground slabs reinforced with American Welded Wire Fabric are approximately 30% stronger than an unreinforced slab of equal thickness. There's a type and size of American Welded Wire Fabric for every job.

AMERICAN STEEL & WIRE DIVISION UNITED STATES STEEL, GENERAL OFFICES: CLEVELAND, OHIO COLUMBIA-GENEVA STEEL DIVISION, SAN FRANCISCO, PACIFIC COAST DISTRIBUTORS TENNESSEE COAL & IRON DIVISION, FAIRFIELD, ALA., SOUTHERN DISTRIBUTORS UNITED STATES STEEL EXPORT COMPANY, NEW YORK

USS AMERICAN WELDED

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A30

EVERY TYPE OF REINFORCED CONCRETE CONSTRUCTION NEEDS

AMERICAN BUILDER

MELDED WIRE FABRICAN AMERICAN STEEL & WIRE

CONCRETE REINFORCEMENT

IT COSTS LESS to reinforce the interior concrete.

Use American Welded Wire Fabric for an extra guar-

antee of permanence in concrete foundation walls and slab floors. It is approximately 30% stronger

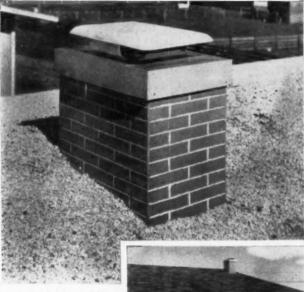
t Reinforced

FABRIC

than an unreinforced slab of equal thickness.

BUYERS WILL ASK

WIRE



Attractive brick-panel housing of Van-Packer Chimney assures buyer acceptance. Note how the housing harmonizes with brick trim of home at right.



## **Product Information**

24" SECTIONS AND 12" SECTIONS COMBINE FOR ANY HEIGHT

14" O. D. SECTIONS INSTALL BETWEEN JOISTS 16" O.C. WITHOUT JOIST CUTTING

SECTION JOINTS PERMANENTLY SEALED WITH ACID-PROOF CEMENT

> ALUMINUM DRAWBAND REINFORCES EACH SECTION JOINT

SUPPORT ASSEMBLY HAS 4X SAFETY FACTOR-ELIMINATES PIER DELUXÉ HOUSING CAP ASSEMBLY CEMENT-ASBESTOS BRICK-PANEL HOUSING-IN RED, BUFF OR WHITE ADJUSTABLE ALUMINUM



ADJUSTABLE ALUMINUM FLASHING 7" I.D. FLUE

an-Packer PACKAGED Chimney

SECTIONS OF 5%" FIRE CLAY TILE LINER, 3" VERMICULITE CONCEPTE INSULATING WALL, CEMENT— ASBESTOS JACKET

STAINLESS STEEL STANDARD SMOKE PIPE THIMBLE TO CONNECT FURNACE, WATER HEATER, INCINERATOR

## Masonry permanence, pre-engineering economy with Van-Packer Chimneys

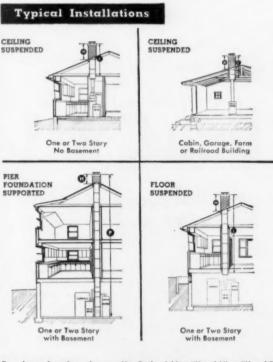
**You get safety and permanence** of masonry, combined with the savings of pre-engineering, when you specify the Van-Packer Packaged Masonry Chimney for the homes you build.

**Low-cost**, **pre-built** Van-Packer Chimney goes up in 3 hours, saves you 20-40% over brick. All parts provided, including flashing.

**Brick-panel housing** blends with all homes. Housing is now available in a choice of three colors—red, buff or white—at no extra cost.

**UL listed for all fuels**, all home heating plants and incinerators; approved by major building codes.

**Ceiling or floor suspended** Van-Packer saves you space, lets you locate furnace anywhere.



To order, or for prices, give your Van-Packer jobber "H-and-L" or "H-and-P" measurements as indicated above. See "Chimneys — Prefabricated" in yellow pages of classified phone book.



For full facts, write for Bulletin RS-1-12

Van-Packer Corporation • Bettendorf, Iowa • Phone: Davenport 5-2621

APRIL 1956

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AMERICAN BUILDER

Plant addition (lighter area) is helping to ease sheathing shortage.

## as National Gypsum expands output of Mobile insulation sheathing plant!

MORE INSULATION SHEATHING COMING

A few months ago, we announced plans to help ease the sheathing shortage. Now, as promised, the big addition to our Mobile, Ala., plant is pouring out insulation sheathing at a greatly increased rate! There is more Gold Bond Insulation Sheathing available to hard pressed builders than ever before!

Part of this new production will be a new product as well. This new Gold Bond Asphalt Impregnated *and Coated* Insulation Sheathing will combine great racking strength with greatly improved moisture resistance These big, strong panels can save you \$50 or more per thousand square feet compared with conventional wood sheathing.

Now, your Gold Bond representative is in a better position than ever before to help you with your sheathing needs. To help him help you, let him know soon what your needs will be. He'll give you every cooperation.

NATIONAL GYPSUM COMPANY . BUFFALO 2, NEW YORK

Build better with Gold Bond



. INSULATION SHEATHING

.

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home buyers are learning . . . turning to . . . the advantages of

g to ... vantages of GRADE MARKED

## SOUTHERN PINE



STRONG SOUTHERN PINE The great natural strength of this seasoned, superior wood assures maximum stability.



ADAPTABLE SOUTHERN PINE

Southern Pine fits so many places in the plans of modern construction.



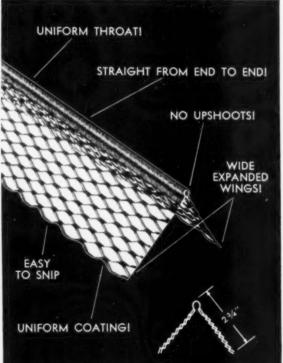


BEAUTIFUL SOUTHERN PINE The inherent warmth and beauty of this wood lends itself to an endless range of finishes.

Specify Grade-Marked Southern Pine... now more saleable, more available than ever.

SOUTHERN PINE ASSOCIATION . NEW ORLEANS

SPIB-No1 (7) SPA



## More Builders Are Using New Bostwick Galvanized Expanded Wing Corner Bead Than Ever Before! Try It!

• Now! Bostwick makes its famous Expanded Wing Corner Bead from special galvanized steel . . . direct from the continuous galvanizing lines. The bead is as straight as a die! It's coated . . . smooth . . . all over! A special shear cuts nose and wing cleanly, swiftly. No upshoots! It's a pleasure to work with. Around sweeping curves and over arches, Bostwick Expanded Corner bead bends like a piece of well-formed tubing. No kinks! It looks like a million after the plastering's done too! Eliminate waste. Make bigger profits! Use New Bostwick Galvanized Expanded Wing Corner Bead on all your jobs!

See Your Dealer Today!



THE BOSTWICK STEEL LATH COMPANY 103 HEATON AVE., NILES, OHIO



... count on Flintkote Building Materials to help build up your home improvement profits!



## HOME IMPROVEMENT SUGGESTION NO. 1 Give Tired Old Houses A New Lease On Life .... with FLINTKOTE INSULATING SIDING

It's no secret that home-owners the country over want their homes to have new beauty and economy. What a profit opportunity for you . . . for thanks to a special Flintkote back coating, you can offer your customers colorful insulating siding that has dimensional stability in all kinds of weather.



### **HOME IMPROVEMENT SUGGESTION NO. 3**

#### Top Off A House Beautifully ... with FLINTKOTE ASPHALT SHINGLES

The first thing on many a homeowner's list of home improvements is a new roof. Make it a FLINTKOTE roof and your selling job will be easier. You'll make a profitable customer . . . for life. Flintkote Asphalt Shingles come in a wide variety of colors and distinctive styles.



#### HOME IMPROVEMENT SUGGESTION NO. 2

### Make Old Homes Look Like New ... with FLINTKOTE ASBESTOS SIDING

You have the edge over competition when you use Flintkote Asbestos-Cement Siding! For only in this Flintkote siding can you offer the protec-tion of Flintkote's new "Wrap-Around" Dura-Shield\* Coating...a coating with a face shield of silicone for added protection against moisture and staining.



## **HOME IMPROVEMENT SUGGESTION NO. 4**

#### Brighten ANY Room In The House ... with FLINTKOTE DECORATIVE INSULATION BOARD

Here's a big source of extra profits! Make use of the smart decorator colors and lovely modern textures to cheer up drab surroundings . . . reduce noise ... add insulation.

Remember, when customers talk of home improvement...recommend Flintkote Building Materials.



56 the year to FI



sulating Wool, made of Fiberglas\*\*, is quickly and easily installed in new and old houses. Avail-

able in handy sizes and forms. Insulating wool is clean and light in weight. Will not rust, rot or mildew. Won't attract vermin . . . fire-resistant.

## HOME IMPROVEMENT SUGGESTION NO. 6



Smarten appearance ... and soak up noise ... with FLINTKOTE 12" **Perforated** Ceiling Tile. And pocket another profit.

THE FLINTKOTE COMPANY, Building Materials Division, 30 Rockefeller Plaza, New York 20, N. Y. \*Trademark of The Flintkote Company \*\*Manufactured by Owens-Corning Fiberglas Co



LINTKOTE ... Style and Color Leader since 1901



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BRITTANY JUNIOR HIGH SCHOOL University City, Mo. Architect and Engineer: Wm. B. Ittner, Inc., St. Louis General Contractor: E. A. Brunon Construction Co., St. Louis

## LIGHTNESS NO STRENGTH

## combine in LACLEDE open web STEEL JOISTS

## for fast, durable construction ...

Versatile Laclede steel joists were used to their best advantage in this handsome new school in suburban St. Louis.

Laclede joists are easy to handle and place, and are prefabricated to speed the job.

Their high strength and light weight provide substantial savings in foundation and framework. Utility conduits, pipes and lines are easily threaded through the open webs.



AMERICAN BUILDER

PANY

COM

Producers of Steel for Industry and Construction

## BASIC BUILDING MATERIALS FROM 1 LEADING SOURCE-CERTAIN-TEED Certain-teed Asphalt Shingles come in a wide range of beautiful colors and blends, including pastels. For distinctive homes use Woodtex.<sup>®</sup> the extra-rugged asphalt shingle with attractive built-up graining. SHINGLES For lasting beauty, use Certain-teed Asbestos Cement Siding Shingles. Handsome range of colors and styles-never need repainting. SIDING Certain-teed Asphalt Shingle and Roll Sidings available in a choice of designs and colors Certain-teed Bestwall® Gypsum Wallboard comes with plain or predecorated wood-grain finishes. For fire-rated construction WALLBOARD with single layer application, use Firestop Bestwall.® 5%" thickness gives 1-hour fire resistance Certain-teed Fiberglas\* Insulation-in batts, Certain-teed Fibergias' Insulation—in batts, blankets, pouring wool, and in perimeter insulation—cuts heating costs up to 40%. Foil-enclosed batts and blankets for air-conditioned homes permit smaller units, help keep sales prices attractive. INSULATION For the perfect *finishing* touch to walls and ceilings: new Certain-teed Bestwall Paints, PAINTS including popular alkyd flats and latex. Decorator colors-quick drying-easy to clean. For smooth, fast plastering, specify Certain-teed Beaver® Gypsum Lath. Both plain and perforated. Strong—fireproof. Beaver Insu-lating Gypsum Lath with aluminum foil back LATH provides insulation and an effective vapor barrier. All Certain-teed Plasters are "Plastisized"® for easy working. Use these famous brands: Acme, & Agatite, Beaver, Certain-teed, & PLASTER Pure-Wite, and Lite-Mix® for basecoat, finishing, gauging and molding plasters. Also Kalite® acoustical plaster. Your homes will have greater structural strength and fire resistance with Certain-teed Weather-Shield's Gypsum Sheathing. Tongue and groove V-edges—water-repellent core and paper. Actually costs less than most other sheathings. SHEATHING \*T.M. OCF Corp.

MORE SALABLE HOMES



Quality made Certain . . . Satisfaction Guaranteed



Certain-teed direct for more information now.

CERTAIN-TEED PRODUCTS CORPORATION ARDMORE, PENNSYLVANIA

EXPORT DEPARTMENT: 100 EAST 42ND ST., NEW YORK 17, N.Y. ASPHALT ROOFING • SHINGLES • SIDINGS • ASBESTOS CEMENT SHINGLES GYPSUM PLASTER • LATH • WALLBOARD • SHEATHING • ROOF DECKS FIBERGLAS BUILDING INSULATION • ROOF INSULATION • SIDING CUSHION PAINT PRODUCTS—ALKYD • LATEX • CASEIN • TEXTURE • PRIMER-SEALER

Better looking, better built, more salable homes when you use Certain-teed

Building Products right down the line. See your supplier or write

APRIL 1956

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AMERICAN BUILDER

## now your top value...



## PRE- STAINED CEPAR DOards and battens

Olympic Boards and Battens—pre-stained and back-primed for *enduring* beauty—have become the "hottest" sidewall product on the market. For now these choice Olympic pre-stained woods cost less than competitive unstained products!

Olympic Boards and Battens are made from select Western Red Cedar—the *permanent* wood prepared exclusively by the company that pioneered the pre-stained wood-products field. Wherever Olympic Boards and Battens have been used throughout the nation...for sidewalls, fences, and windscreens...their very presence is positive proof of *lasting* beauty!

The continued trend to sweeping, ranch-style homes make the strong vertical lines of Olympic Pre-Stained Boards and Battens *especially* desirable. Remember—it's the *premium* sidewall wood product—popularly priced !



Homes finished with the distinctive beauty of Olympic Western Red Cedar Boards and Battens sell faster! Your profits are higher, too, when you use the sidewall product or "finishing touches." Size:  $1" \ge 12"$ rough sawn boards;  $1" \ge 3"$  rough sawn battens.

FEATURED COLORS: Pilgrim Red, California Rustic, Russet, Cactus.

Write or Wire for Samples and Full Information

OLYMPIC STAINED PRODUCTS COMPANY 1118 Leary Way Seattle 7, Washington

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Facades and Marquees made with strong Kaiser Aluminum have an ideal variety of texture finishes . . . may be painted, anodized, embossed, enameled, lacquered, and porcelainized by standard methods. They weather uniformly, never rust, never stain-require minimum maintenance. Lightness lowers erection costs. Available in flat, corrugated or specially designed panels. Their application provides a distinctive quality to any building... and helps assure client satisfaction.

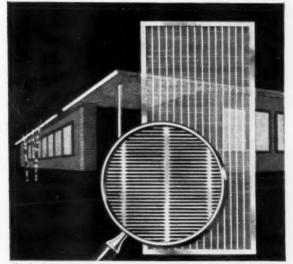
## To improve your construction ...

## PROFIT FROM ALUMINUM'S "BUILT-IN" VALUES

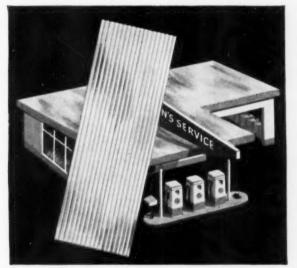
- Lightness with strength
- Heat and electrical conductivity
- Beauty

- Economy
- Heat and light reflectivity
- Corrosion resistance
- Workability

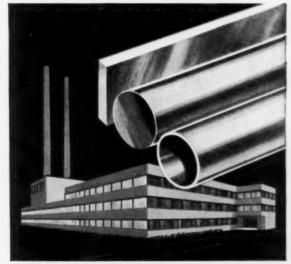
AMERICAN BUILDER



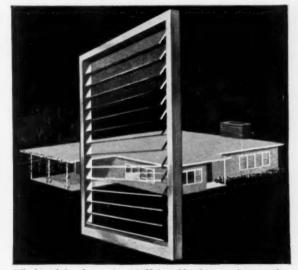
Shade Screening made with Kaiser Aluminum keeps rooms up to 15° cooler. Tiny louvers set at an angle block hot sun rays, Protects furnishings from sun fading. Clean, modern design gives window exteriors new, fresh beauty.



**Corrugated Roofing** made with Kaiser Aluminum reflects heat . . . helps provide winter warmth, summer coolness. Light reflectivity brightens interiors. Needs no paint — requires minimum maintenance. Ideal for industrial or commercial buildings.



Bus Duct Systems made with high conductivity Kaiser Aluminum cost less than copper. Light weight results in easier, faster installation—another saving. High strength yet workable. Available in rectangular, solid round bar and tubular conductor.



Window Jalousies made with Kaiser Aluminum resist corrosion -defy time and weather. Handsome, natural finish enhances building's appearance, complements any design. Easy to install. Simple to operate.



SINCE World War II, aluminum has been used more extensively in the building industry than in any other civilian application.

This spectacular conversion is the result of aluminum's combination of "built-in" advantages—advantages that make possible new patterns of design, usually with substantial overall savings.

As a basic producer of aluminum our efforts are dedicated to the job of serving manufacturers-helping to improve their products and to reduce their costs.

Engineering assistance is available from our qualified aluminum engineers. Or for names of building products manufacturers who will be glad to work with you, contact the Kaiser Aluminum sales office listed in your telephone directory. Kaiser Aluminum & Chemical Sales, Inc. General Sales Office, Palmolive Bldg., Chicago 11, Illinois; Executive Office, Kaiser Bldg., Oakland 12, California.



## here's why pace-setting builders demand ALFOL ALUMINUM FOIL BLANKET INSULATION

**best winter-summer insulation** Alfol reflective insulation is unsurpassed for all-year efficiency. Stops 95% of radiation and checks the other forms of heat transfer. Has a proved record of cutting winter heating costs 30% or more, keeping rooms 15° cooler in summer. Millions of feet time-tested in all types of buildings.



ideal protection from moisture damage Alfol is the best vapor barrier. Its continuous length and stud to stud coverage bar water vapor from cold wall areas, prevonts harmful condensation.

easy, fast application Alfol is the easiest full-protection reflective insulation to apply—goes up without special care to prevent tearing. Alfol has every application advantage over bulk-type insulations—no muss or irritating dust: "takes the itch out of insulation."

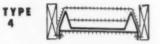
low applied cost A 500-foot roll of Alfol takes 1/20 as much storage space and weighs 1/12 as much as its bulk type equivalent. Add this to the ease and speed of application, and you slash handling and installation costs!







ALFOL TYPES for every all-year need



Highest efficiency . . . 2 layers of foil within expanding panel, plus 1 layer laminated to duplex vapor-proof backing . . . 4 reflective air spaces.



Excellent for sidewalls, crawl spaces, unfinished ceilings. Similar to Type 4, but provides 3 reflective air spaces.



High efficiency at low cost . . . 2 inner layers of foil, plus vapor-proof duplex backing. 3 reflective air spaces.



Efficient full protection at minimum cost. 1 layer foil plus strong vapor-proof duplex backing. 2 reflective air spaces.



Special to fit 1"x2" wood furring strips on masonry work . . . 1 layer foil plus vapor-proof duplex backing . . . 2 reflective air spaces.

## ALFOL ROLLS

compact . . . range of sizes

Alfol comes in compact roll, automatically expands to provide up to 4 reflective air spaces when applied. Rolls give either 500 or 250 sq. ft. continuous coverage. Available in widths to accommodate 12", 16", 20", 24" framing centers.

## ALFOL APPLICATION simple and positive

Alfol is easily stapled across face of framing members or "dished in". Tough kraft and duplex backing bears all stress of application, prevents sagging. Exposed ceiling applications are efficient, durable. Improve lighting.

## FREE new Alfol Data Book

Learn now how Alfol Insulation can help you build better for less. Send for your free copy of the new 24-page Alfol Data Book. No obligation.



AMERICAN BUILDER

## Shakertown Sidewalls give you so much more



## ... cut cost of air-conditioning, too!

Right off, home buyers are quick to recognize the colorful, custom look of a Shakertown Sidewall. A closer look reveals the extra values built into every home with these authentic, factory-stained cedar shakes.

Made of natural wood - nature's best insulating material - Shakertown's permit the walls to "live and breathe," provide an ideal exterior for year 'round air-conditioned homes. Priced at the lowest cost per year of service, Shakertowns' long list of plus-features including colored nails and metal liffy Corners all available in rich, enduring colors - assure the utmost for the building dollar.

> Whether it's building or restyling, one house or a thousand, be sure you gain every Shakertown advantage! See the Yellow Pages under "Shingles" for name of your nearby dealer or distributor. The

> Perma Products Company, Cleveland 22, Ohio.





GLUMAC UNITS build "doublecoursed" sidewalls up to 3 times faster, fit tighter and more uni-formly. Can be applied in any weather. Look better, too.





## for QUALITY and UTILITY that helps sell homes faster--

## NATIONALLY KNOWN



FOR NEARLY HALF

## BUILDING PRODUCTS WHOLESALE DIVISION

#### Majestic CIRCULATOR FIREPLACE



A heat-circulating fireplace that includes all necessary components, properly engineered, and serves as a masonry form. New extended size range! New super-tight, rigid damper valve holds positively in any degree of opening. Full smoke dome. "Radiant Blades" assure greater heat circulation and add to strength of firebox walls. Send for Catalog SCC-56



Majestic FIREPLACE DAMPERS

Cast iron or formed steel, with breakproof steel valve plate operated by a patented, foolproof poker control. Properly engineered for full throat opening, close tightly to seal flue when fireplace is not in use.

Send for Catalog SCC-56

#### Majestic CLEANOUT DOORS - ASH DUMPS

Majestic's formed steel and cast iron cleanout doors answer the builder's need. Model 80-R is typical integral hinge on tight-fitting recessed door, handy latch, wide frame for neatness, die-flanged edges for strength. Ash dumps are available in steel or cast iron. Send for Catalog SCC-56



#### Majestic INCINERATORS

Complete indoor disposal convenience for both burnable trash and garbage. Models for every market—economical basement models in which the waste itself is the only fuel needed, and handsome gas-fired utility room models, using either natural or bottled gas, approved by A.G.A. Unique, patented downdraft action!

Send for Catalog SIC-56

#### UNDERGROUND RECEIVERS

An "extra" that home buyers appreciate ..., this neat, sanitary way to keep refuse out of sight. Only the lid, with toe-tip lift, shows above ground. Cans and bottles, or garbage, are kept pest-free and odor-tight. Durable steel—easy to install. Send for Catalog SOF-56

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## Majestic BUILDING PRODUCTS

Quality-constructed products to help build better homes at lower cost—steel coal chutes; steel window wells with grating; cast iron and steel fireplace baskets; cast foundation grates; and others. Send for Catalog J-16

## HEATING AND AIR CONDITIONING DIVISION

## Majestic WINTER AIR CONDITIONERS



Gas-or-oil fired, forced-air furnaces for complete winter home comfort. Units for closet, alcove, utility room or basement installation, in up, down, or horizontal flow design. Capacities range from 76,000 to 400,000 BTU output. In addition, Majestic also furnishes a complete line of pipe, fittings, and accessories for forced-air heating and cooling.

Send for Specification Sheets

#### SUMMER AIR CONDITIONING

With Majestic Air Conditioning, systemmatching is made extremely easy. The 2, 3, and 5-ton capacity units are available as self-contained, water-cooled companion units, or as evaporator units with remote air-cooled compressor-condenser. Unique system-switching and dampering! Send for Specification Sheets





## Majestic THULMAN CHIMNEY

The all-metal chimney that hangs on joists for economical, time-saving installation. UL-listed for all fuels and for zero clearance from combustibles because it has ample clearance built in. Chimney tops are realistic wire-cut-brick embossed aluminum, painted brick-red with gray mortar lines, with tile-like rain cap. Send for Form 5-H

THULMAN FIREPLACE

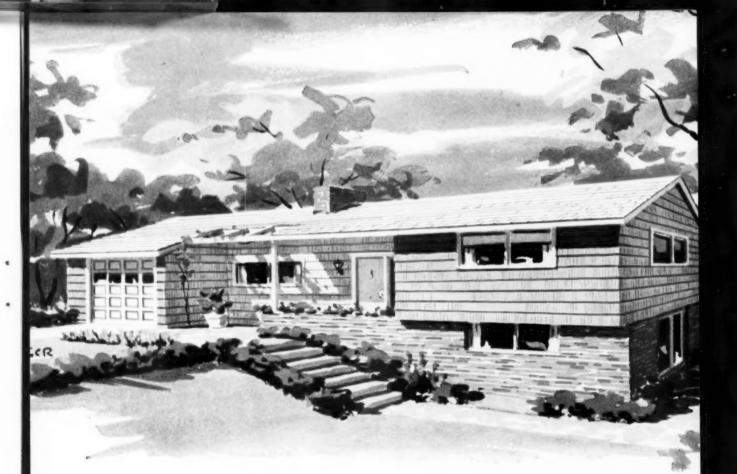
A UL-approved fireplace, with required clearances built in to save on initial cost and installation time. Complete with chimney, it can be installed on a wood floor and framed in with ordinary construction, Send for Form TF-2



433 Erie Street, Huntington, Indiana

The Majestic Co., Inc.

AMERICAN BUILDER

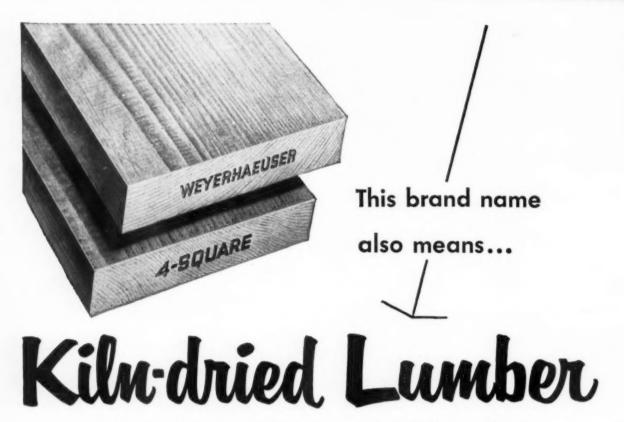


## "COLORFUL ASBESTOS SIDING ADDS INTEREST TO THIS SPLIT-LEVEL"



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Yes, those siding shingles *are* asbestos, smartly textured, smartly styled, and applied with accentuated shadow lines to add interest to the entire exterior. This house has real sales appeal. Notice how well the asbestos shingles harmonize with the brick wall. Gray siding, yellow trim for accent, and a white asbestos roof blend in perfect color styling. A minimum of upkeep expense for this homeowner! His asbestos exterior is fireproof, rotproof and never needs paint to preserve it. For more information on the new beauty and design possibilities with asbestos cement products, write for your copy of "Advanced Designing – 1956".



Seasoned lumber delivers sound building valuesand gives builders an important sales point

• If your business is building and selling homes, here is a fact worth considering: a home is easier to sell if it is framed and sheathed with Weyerhaeuser 4-Square Kiln-dried Lumber.

There are several reasons for this increased salability.

For example, Kiln-dried Framing is an important sales feature because the public has learned that seasoned lumber is strong...that it has dimensional stability...that it contributes to sound, reliable construction.

Kiln-dried Lumber Sheathing on a new home is a feature that helps close many sales. Lumber is strong ... it holds nails firmly. Also, lumber sheathing permits the use of shingles, vertical siding, and other special coverings without furring strips. These are a few of the reasons why lumber sheathing has been the accepted standard for generations . . . and is still a mark of high quality construction in homes, farm buildings and commercial structures.

The Weyerhaeuser 4-Square brand name, nationally advertised, is wellknown to the public . . . a mark of quality that helps builders close sales.

All lumber bearing the brand name Weyerhaeuser 4-Square is scientifically kiln-dried, precision-manufactured, properly graded and carefully loaded for shipment. It is available in a wide range of species and grades, in commons and clears. There are Weyerhaeuser 4-Square Lumber products, from dimension to moldings, to meet every need in light construction.

## Weyerhaeuser Sales Company

ST. PAUL 1, MINNESOTA



AMERICAN BUILDER

## 1. Building . . . to help you build

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18

The new Armstrong Building Products Plant in Macon, Georgia, is nearing completion. This huge manufacturing center can help make 1956 one of your best years because it will make available a full line of Armstrong building products to help you build profitably. Now is the time to specify Armstrong Products—Temlok Roof Deck, Temlok Sheathing, and Cushiontone—for your 1956 homes. On the next pages, you'll find full information on the newest of these building products. . . .



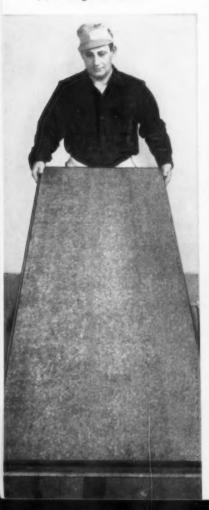
## 2. TEMLOK ROOF DECK SOON TO LEAVE "SCARCE LIST"

Like many builders, you've probably been waiting to get enough Temlok Roof Deck to take full advantage of its cost-cutting benefits. The new Armstrong plant will soon make this modern building material available for your 1956 homes. Temlok Roof Deck is a material that not only cuts your construction costs but builds more beauty, comfort, and value into your houses.

## 3. FOUR BUILDING MATERIALS IN ONE

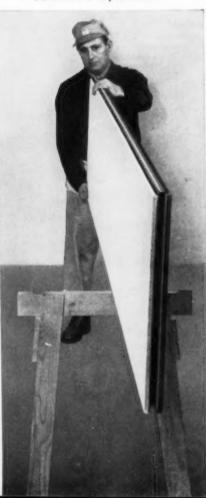
The carpenter below shows how Temlok Roof Deck works as a 4-in-1 building material. "Dark side" up, (1) Temlok is a strong roof deck that withstands heavy roof loads up to 300 pounds per square foot . . . lasts the life of the house. Turn Temlok on its edge and you can see the multiple layers of asphalt-impregnated fiberboard which provide (2) complete roof insulation. You'll also see the laminating cement between each layer that serves as (3) an efficient vapor barrier. Turn Temlok over, and (4) you'll find a beautifully finished ceiling —smoothly coated with two applications of light ivory paint.

(1) Strong Roof Deck



(2) Complete roof insulation and(3) effective vapor barrier

(4) Factory-finished ceiling





## 4. CUTS LABOR TIME IN HALF

Each time your men nail a 2' x 8' piece of Armstrong Temlok Roof Deck to beams, they are installing 16 sq. ft. of roof deck, insulation, vapor barrier, and finished ceiling. Only built-up roofing is needed for complete weatherproofing. Four men can cover a 30' x 40' roof in 7 hours, compared to 14 hours with conventional materials. Total savings often run as high as \$250 per house.





## 5. BEAUTY SELLS PROSPECTS

An open beam ceiling appeals to contemporary and traditional tastes alike. It's a beautiful and permanent ceiling that won't crack. A low pitch Temlok roof also gives the house a more spacious appearance. Temlok provides complete roof insulation for any climate, cuts heating and air-conditioning costs.



Plan your 1956 homes with

For free booklet on Temlok Roof Deck, write Armstrong Cork Co., 3704 Rider Avenue, Lancaster, Pa.

## Armstrong BUILDING MATERIALS

Temlok Roof Deck • Temlok Sheathing • Temlok Tile • Cushiontone Ceilings

## Angier LŪMASKIN

## reflective insulation and moisture vapor barrier



Lumaskin conforms best to study because it's the only low cost aluminum sheet that's creped-to-stretch.

## less cost...less bulk...less work

## WHAT OTHER INSULATION OFFERS THESE ADVANTAGES?

Low cost. Compare price with any other type! Quick to apply with staple hammer or tacker. Creped for moldability and ease of installation. Top winter-summer performance: Reflects 95% radiant heat. U Factor .12 (exceeds new FHA sidewall requirements). Perm rating as low as .0144.

Compact. Convenient in storing and handling. One 14 lb. roll covers two outer walls of average room.

See your dealer or write Angier Corporation, Framingham 24, Mass.

Other fine quality Angier building papers: COPPERSKIN for flashing and damp-proofing; GLASS MAT reinforced protective paper; PROTECT-O-MATS reinforced concrete enring blankels; BROWNSKIN creped waterproof building paper; RFD farm paper.

A50



AMERICAN BUILDER

# "Here's the greatest advance in building materials that I've seen yet!"

SEATIGHT the industry's only TRUE VAPOR SEAL

PREMOULDED MEMBRANE

... states Mr. Robert S. Arnold, AIA Architect, Highland Park, Illinois (letter on request)

Sealtight Premoulded Membrane provides a positive protection against the ravages of destructive moisture in all types of construction . . . residential, commercial and industrial. Ideal for slab-on-grade, basement, and crawlspace installations.

When purchasing any vapor seal material be sure it meets these Sealtight standards of quality: permeance rating of only .0066 grains per square foot . . . resistant to rot, mold and termites . . . strong enough to resist tearing and puncturing . . . expandable . . . quickly and easily installed— Premoulded Membrane has them all.

The installation of Premoulded Membrane allows you to safely use the full range of floor finish applications. You not only have a warm, dry, more liveable home but one that's also more saleable in the future. We sincerely advise and invite your comparison of Premoulded Membrane against all other vapor seal products . . . we're sure that once you do you'll also agree that there's only one **true** vapor seal on the market . . . Premoulded Membrane.

#### BUILDERS, HOMEOWNERS, DEALERS ...





IDEAL FOR ALL CONSTRUCTION APPLICATIONS... Premoulded Membrane, supplied in 4' x 8' sheets, is laid directly over the hard tamped\* grade with a 6" overlap. This overlap is then sealed with Sealtight Catalytic (non-setting) Bonding Asphalt giving you a monolithic vapor seal that will expand and contract with the slab above ... without breaking the seal. You actually form a vapor proof "saucer" into which the concrete is poured.

\*You can eliminate expensive gravel fill when using Sealtight Premoulded Membrane.



QUICK, EASY INSTALLATION . . . Premoulded Membrane is a strong, permanent vapor seal that will resist the trundling of wheelbarrows and the impact of aggregate during the pouring operation . . . best of all, with Premoulded Membrane you don't need an expensive underlayment of sand to absorb shock. This strength to resist tearing and puncturing is very important . . . as a vapor seal is much like a child's balloon, for only a small hole renders it useless.

## These exterior designs help sell homes... the most nearly perfect lap siding ever offered! MASONITE SHADOWVENT SIDING • All nails hidden-no"freckling" of surfaces. Gable ends are easier... Slashes application time as much as 50% for garage walls, too! Primed—just add one or two finish coats\*

Prepackaged panels are 1/4" thick, 10" and 12" wide, up to 12' long. Aluminum mounting strips are 10' long, packaged 480' to the tube. Specially designed interlocking metal corners and joint fasteners.



- Paint goes on quicker; stays new-looking longer
- Straight, true courses without dips or waves Enduring, year-ground weather protection
- Courses vented to let siding breathe
- No dimensional loss. Less lap and cutting losses

its textured surface will highlight featured areas !

MASONITE RIDGELINE

#### Comes in panels, lap siding or shingles

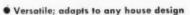
Ridgeline panels are 4' wide, 1/4" thick and up to 16' long. Ridgeline siding, with or without Shadowline wood strips, is 12" and 16" wide, 1/4" thick, up to 12' long. Ridgeline shingles are 1/4" thick, 4' long and 12", 16" or 24" wide.





- Adds texture interest to exterior walls
- Ideal for short runs, between windows and other "interest areas"
- Combed ridge pattern takes paint or stain beautifully
- A distinctive panel to use with batten strips
- Available in panels, shingles and as lap siding





PRESDWOOD

- Favored for use with batten strips
- Easy to cut and fit

.

- Available in Primecote\*-
- only finish coat needed
- Large panels—easy to apply
   Resists bumps and scrapes of all kinds
- Tempered Presdwood<sup>®</sup> panels for exterior use are 4' wide and up to 12' long, 1⁄4" and 5⁄6" thick. Tempered Presdwood with Primecote<sup>\*</sup> now available east of the Rockies.
- Princede produts not inmediately available west of the Rockies PRESDWOOD PRODUCTS

MASONITE® CORPORATION Dept. AB-4, Box 777, Chicago 90, Ill.
Please send me your booklets describing Masonite Products n construction.
Vame
Firm
Address
TownZone
CountyCityState

NEW GRADE NAMES FOR WEST COAST LUMBER are NOW in effect

Boards, Dimension and Timbers of Douglas fir, West Coast hemlock, Western red cedar and Sitka spruce now have grade names instead of numbers, as shown below.

NO.	, becomes	CONSTRUCTION

N	0.	2							becomes	ST	A	N	ND	A	RD	í
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- NO. 3..... becomes UTILITY
- NO. 4 ..... becomes ECONOMY

There is no change in the identification of Select Merchantable Boards, Select Structural Dimension and Timbers, or vertical grain Clears.

The top grade of flat grain Clears becomes **C&Btr.** 



WC

UTIL

Not Customarily Grade Stamped

MILL 750 WC CONST MILL 750 MILL 750 MILL 750 CONSTE

TANDA

For additional information on grades write to:



WEST COAST LUMBERMEN'S ASSOCIATION 1410 S. W. MORRISON, PORTLAND 5, OREGON

All Grade Stamps shown are registered, U. S. Patent Office.

### RILCO GLUEI TIMBI

#### GLUED-LAMINATED AND SOLID TIMBER STRUCTURAL MEMBERS

Engineered members cut erection costs and add beauty to any type of building.

TYPICAL SHAPES	USES	SPANS	CENTER- TO-CENTER SPACING	ADVANTAGES
	Churches Gymnasiums Chapels Theaters	24' to 100'	8' to 20'	Arch and laminated purlins gives unsurpassed beauty, without expensive veneering. Fire re- sistant. Made of kiln-dried Douglas Fir selected for strength and appearance.
RADIAL ARCHES	Gymnasiums Hangars Auditoriums Armories Skating Rinks Bowling Alleys	40' to 120'	8' to 20'	Graceful arches have the clean, natural beauty of fine wood. Wide, clear spans give large unobstructed space without unsightly frame- work. Fire resistant. Efficient design makes a building that is economical to erect.
STRAIGHT ARCHED-PITCHED LAMINATED WOOD BEAMS	One-story Schools Stores Offices Residences Gymnasiums Industrial Buildings	20' to 60'	6' to 20'	Resists checking and warping and other sea- soning defects common to solid timber. Fire resistant. Combines structural and decorative advantages for economy.
BOWSTRING TRUSSES	Wide, Clear-Span Buildings Garages Factories Hangars Warehouses Gymnasiums	24' to 200'	8' to 20'	Well adapted to wide, clear-span construc- tion. Economical. Designed for specific require- ments such as concentrated loads, hoists, etc.
TIED ARCHES	Stores Factories Theaters Warehouses Hangars	24' to 65'	2'	Light enough to erect without special equip- ment. One inch roof sheathing can be nailed to top of arch with ceiling material nailed directly to lower tie.
UTILITY ARCHES	Small Hangars Warehouses Gymnasiums Theaters Community Buildings	28' to 80'	2' to 20'	Easy to plan. Economical. Combines sidewall and roof in one piece for easy erection. Re- quires no costly field assembly. Any type of roofing can be applied over sheathing.
ALL TYPES STRUCTURAL ASSEMBLIES	Bridges Buildings Bulkheads Culverts Docks Falsework Floats Grandstands Ramps Outdoor Theater Screens Retaining Walls Shipways	our service engineers will glady consult with you		Designed for specific loads, precision manu- factured by skilled workmen of structural timber. Cut to exact lengths, holes bored for all connections — bolts and hardware fur- nished. Delivered when promised for erection by local crews.
RILCO DECK	* Churches Gymnasiums Schools Auditoriums Stores Offices Homes Industrial Buildings	12' to 18'	SIZES Random Lengths	Rilco Deck is milled from solid western red cedar or light colored species. Double tongue and grooved pieces are spiked through pre- drilled holes to form slab. Serves as sheathing, insulation, ceiling — economical, fire safe construction.
Also all t	ypes of farm rafters.	2511	First National I	D PRODUCTS, INC. Bank Building, St. Paul 1, Minnesota



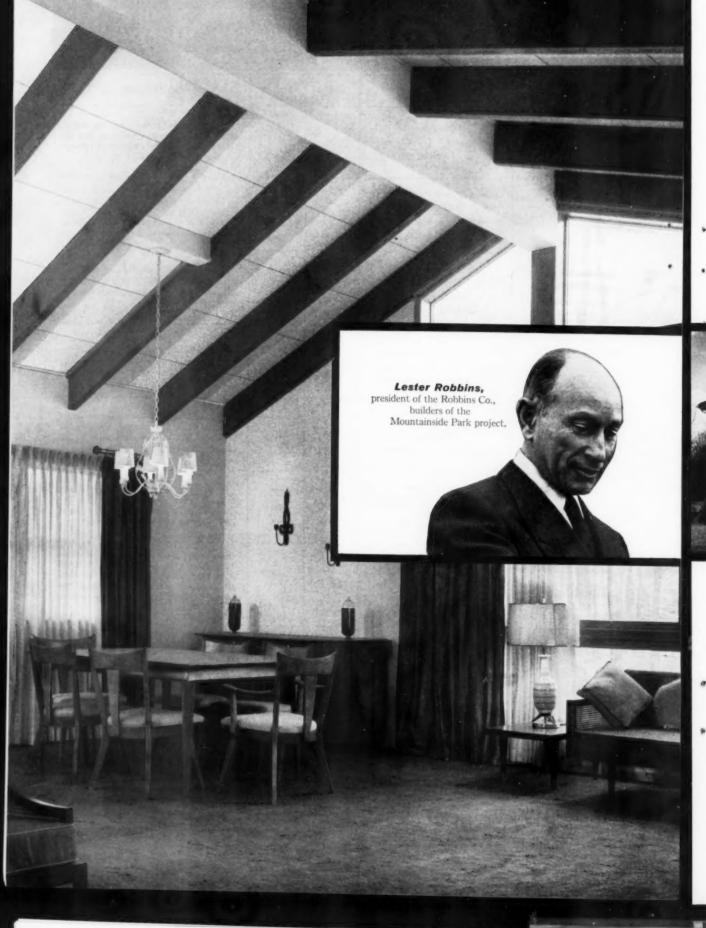
RILCO LAMINATED PRODUCTS, INC. 2511 FIRST NATIONAL BANK BLDG., ST. PAUL 1, MINN.

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# 3 to I best seller in New Jersey project features Insulite Roof Deck

**Mr. Lester Robbins, president of the Robbins Co.,** Union, N.J.—builders of the successful Mountainside Park project says, "I'm more than pleased at the reception of our cathedral ceiling model. This Insulite Roof Deck home (shown) is moving three times as fast as all our other models combined!"

All over the country builders report Insulite Roof Deck saves money and does a big selling job, too! While reducing costs \$80 to \$300 per home, Roof Deck adds to the free and open look that today's home buyers find so appealing. The white, pre-finished underside contributes both quality and beauty to exposed beam ceilings.

Send for actual on-the-job pictures and construction details now. Write Insulite, Minneapolis 2, Minnesota.



**It's roof deck**—2' x 8' units cut application time as much as 45%. Only one material to handle. Insulite Roof Deck eliminates need for separate roof boards, insulation, lath and plaster and ceiling finishing. Roof Deck can save 12 man hours per 1000 sq. ft. of surface compared with 2" x 6" D&M roof sheathing. It's finished celling — The underside of Insulite Roof Deck is finished with flameresistant surface. Lay Roof Deck over prefinished beams . . . and ceiling is done. No need to plaster, paint, stain, wax. Cuts labor and material costs. In 2' x 8' units, 1½", 2" or 3" thick — with or without vapor barrier membrane (depending on climate). And insulation with vapor barrier. No need for other insulation. 2" Roof Deck is comparable to 2" wood deck plus 1" fiberboard insulation. Available in 3 thicknesses to meet insulation requirements in any climate. Exclusive resilient gasket seal and vapor barrier membrane protect against condensation within the unit.

# build better and save with





NSULITE, Made of hardy Northern wood Insulite Division of Minnesota and Ontario Paper Company, Minneapolis 2, Minnesota



#### How can you be sure of fir plywood quality?

# LOOK FOR THE DFPA\* TRADEMARK!



VScord® for structural uses



PlyPanel® for interior finich



PlyForm for concrete forms





PlyBase for

Western Softwood **Plywood Panels** 

Play it safe! Your reputation is on the line with every panel you buy, sell or specify. Insist on genuine DFPA trademarked panels. DFPA grade-trademarks are hallmarks of quality used only on plywood manufactured under the industry's rigid quality control program. These marks are your very best assurance of reliable quality.

\*DFPA-Douglas Fir Plywood Association, Tacoma, Washington, is a non-profit industry organization devoted to product research, promotion and quality maintenance.

# Johns-Manville Seal-O-Matic Shingles stay flat and weathertight even in highest winds!

Proved in Hurricane "Connie." These photographs were taken at Wrightsville Beach, N. C., right after Hurricane Connie in August, 1955. Ordinary shingles were ruined, Seal-O-Matics suffered no damage.

# Seal-O-Matics offer you the greatest opportunity for shingle sales in 25 years!



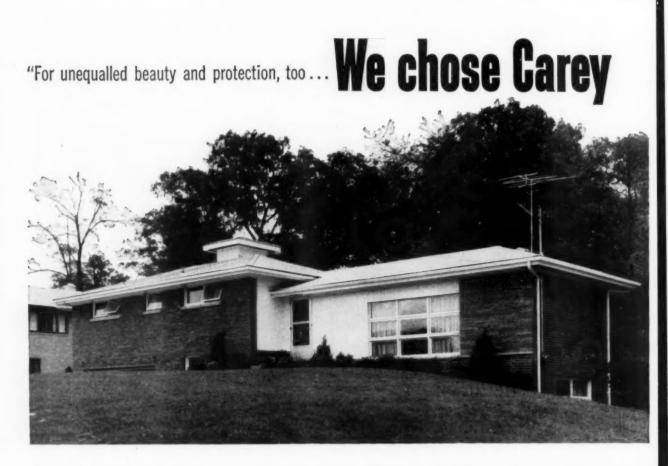
 a stripe of special petroleum resin is factory applied to the underside of each shingle

 The sun's heat seals the tabs down automatically Developed by Johns-Manville laboratories after years of research, Seal-O-Matic<sup>®</sup> Shingles have proved themselves on thousands of homes all over the country. They stay tight and flat when it blows because they automatically seal themselves down. Wind and rain can't get under the edges. Seal-O-Matics won't blow up or blow off. Possibility of leaks is reduced to a minimum. And there's no weakening of shingles from fluttering.

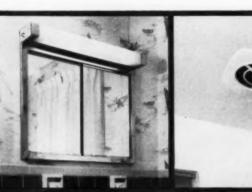
Seal-O-Matics offer you the greatest sales opportunity in building materials today both for new work and re-roofing. Take advantage of it and get in touch with your nearest Johns-Manville office now. For free literature write us direct at Johns-Manville, Box 111, New York 16, New York.



A59



From foundation to roof, **Carey Products help build Hi-Tor Homes better** ... for less money!



Miami-Carey Duette Cabinets are featured in both bathrooms of A. C. Schwotzer's own split-level home in Hi-Tor Woods. The Duette has twin-mirrored sliding doors, 2 full-sized compartments and full-length fluorescent lighting.

Last word in whisper-quiet ventilation, this ten-inch Miami-Carey Ceiling Fan is unsurpassed for beauty and performance, even by higher-priced fans. "We like their snap-in assembly, too. Saves time for the electrician."



Better Products for Building

A60

AMERICAN BUILDER

# Fire-Chex Asbestos Plastic Roofs"

Says Arthur C. Schwotzer, President of A. C. Schwotzer, Inc., builders of HI-TOR WOODS. Pleasant Hills. Pa.





Carey Fire-Chex weigh a husky 325 lbs. to the square, in 11 different colors and shadow blends. They resist time, weather and hurricane winds, give beauty and protection years longer. They are the only shingles ever rated Class A, without asbestos underlay, by Underwriters' Laboratories, Inc. "When it comes to beauty, you just can't beat Carey Fire-Chex Asbestos Plastic Shingles. This, and their Class A rating for fire safety convinced us that Fire-Chex was the best investment we could make for Hi-Tor Woods homes."

Says Mr. Schwotzer, "We build with Carey products from foundation to roof—Carey Foundation Mastic, Carey Fire-Guard Insulation, Miami-Carey Bathroom Cabinets and Fans ... they give us features we can't match in any other products.

"We get real service from our Carey dealer, too. We get the materials, plus plenty of information and help on installation—and we get them on time! I'd advise any builder who wants to maintain his reputation for quality, while he cuts his building costs, to call in his Carey representative."



Carey Fire-Guard Rock Wool Insulation and Carey Rockwool Blankets were used exclusively in Hi-Tor Woods homes, Carey insulation was chosen for quality, low cost and the "complete cooperation we got from our Carey dealer."

> Mail this coupon for more information on any of the Carey products for better building —or call your Carey Dealer.

"We tried many waterproofings," Mr. Schwotzer said, "and still our foundations leaked. Then we turned to Carey Foundation Mastic for six homes in our Hi-Tor Woods development. It's the first waterproofing that does what it's supposed to do."

The Philip Carey M	fg. Company,	Cincinnati 15, Ol	hio, Dept. AB-4	
Please send me the name of m	nearest Carey Dealer	and additional information	tion on the following Carey	products
Carey Fire-Chex Asbestos P	astic Roofs 🔲 Ceram	o Siding		
Waterproofing Materials	Carey Fire-Guard Insu	lation		
Miami-Carey Bathroom Cabi	nets, Access Doors and	Ventilating Fans 🗋		
NAME				
FIRM NAME				
ADDRESS				
CITY		ZONE	STATE	

APRIL 1956

Since 1873

A61





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# the new "TRIANGLE" BEAM newest . . . most economical idea in steel beam construction



Actual job-site photograph of Triangle Beam showing this improved method.

### TRIANGLE Quick Installation Method Saves 5 Ways . . .

- 1. No beam nailer.
- 2. Set joists at modular spacing; no measuring.
- Eliminates squaring of floor joists as well as paying for excessive lengths of beams.

Available NOW at regular prices . . .

Several Choice Dealer Franchises

Are Available

The Triangle Beam Co.

25 Essex St.

Youngstown, Ohio

 Open spaces of Triangle Beams are accessible for plumbing or heating ducts.

 Fewer posts are required for relatively long spans. Home buyers appreciate getting more unobstructed basement floor space.

THE TRI	ANGLE	BEAM	COM	PANY
25 Essex	St.	Youn	gstown	n, Ohio
Please send f	ull information	regarding	Triangle	Beams to
Name	•••••			
Address				
City, zone, st	ote			
Ti Builder	□ De	aler	ET M	anufacture

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APRIL 1956

#### AMERICAN

#### BUILDER

#### **Reference File**

#### FIREPLACE IDEAS

A completely illustrated, 4-color folder on fireplace ideas and construction.— Clay Flue Lining Institute.

Circle No. 15 on reply card Section 6

#### FRAMING ANCHORS

Here are three separate brochures which detail the use of "Trip-L-Grip" framing anchors. While only three basic anchors will suffice for any framing job these brochures show a multitude of uses and every job problem in framing.—Timber Engineering Co.

Circle No. 16 on reply card Section 6

#### FRAMING SPECIALTIES

Descriptive literature available on Split-Ring timber connectors, framing anchors, screen and sash hangers and fasteners, siding corners, screen door hardware.—F. D. Kees Mfg. Co.

Circle No. 17 on reply card Section 6

#### FOIL INSULATION

"The Story of Reflective Insulation" is told in handy 24-page aluminum foil booklet. Covers heat transfer, thermal efficiency, "Alfol" properties and installation techniques.—Reflectal Corp. Circle No. 11 on realy cord Section 6

Circle No. 18 on reply card Section 6

#### INDOOR & OUTDOOR FIREPLACES

Two books offer full coverage of fireplace construction: "Successful Fireplaces" contains 80 pages, 300 illustrations on indoor units; "Outdoor Fireplaces—How to Build Them" is a 32-page volume with drawings and measurements for a wide variety of design types.—Donley Bros. Co.

Circle No. 19 on reply card Section 6

#### INSULATION

Armstrong insulating wool comes in 7 convenient forms and specifications are given for each type in this 8-page booklet.—Armstrong Cork Co.

Circle No. 20 on raply card Section 6

#### **REFLECTIVE INSULATION**

New pamphlet on reflective insulation and vapor barrier applications is available. Illustrated by photographs and sketches.—Angier Corp.

Circle No. 21 on reply card Section 6

#### **REFLECTIVE INSULATION**

New 48-page manual describes complete line of reflective insulation and their specialized uses. Offers newest installation techniques.—Infra Insulation, Inc.

Circle No. 22 on reply card Section 6

#### **REFLECTIVE INSULATION**

Tough reinforced building paper is coated with aluminum to provide insulation and vapor barrier in one operation. Folder describes uses and specifications.—The Richkraft Co.

Circle No. 23 on reply card Section 6

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#### ROOFING

A series of booklets each describing one of this firm's roofing products. All are printed in colors showing the variety of asphalt roofing products available.—Certainteed Products Corp.

Circle No. 24 on reply card Section 6



# **Redwood Siding** VERTICAL GRAI

.

On flat grain, only the surface toward the bark is resistant to splintering "shell-out" after long exposure. If siding is resawn from flat grain blanks, every other piece necessarily faces the heart, providing an inferior surface.

Why every piece of PAI

Architectural Quality

That's why The Pacific Lumber Company insists that all Palco\* Architectural Quality resawn redwood siding must be cut from vertical grain blanks, assuring that every piece will provide the full measure of lasting beauty and resistance to weather. This is but one of many extra premiums in value provided by Palco\*... at no extra premium in cost. For a free guide to more effective specification of the best in redwood, fill out and mail the coupon below, or write for Bulletin No. L-501.

Specify the best in Redwood PALCO\*

#### THE PACIFIC LUMBER COMPANY

100 Bush St. San Francisco 4 \*Trade Mark 1

Since 1869 • Mills at Scotia, California 35 E. Wacker Drive Chicago 1

2185 Huntington Drive San Marine 9, Calif.

 Where flat grain is specified, pattern is always cut from the ER. 501 SEND FOR THIS FREE BULLETIN or refer to it in your 1956 SWEET'S ARCHITECTURAL FILE



#### THE PACIFIC LUMBER COMPANY 100 Bush St., San Francisco 4, Calif. Please send me, without obligation, the new bulletin outlining basic redwood specification data, with charts showing standard Palco\* redwood patterns, sizes, grades and grains. Title

Zone\_

State

When you specify Palco\* Architec-

tural Quality Redwood for exterior or

interior design . . . you can be sure

All Clear Heart or A Grade

Highest uniformity of grade

Vertical grain on all resawn

that it is

Certified Dry

patterns

bark side

City

MEMBER OF CALIFORNIA REDWOOD ASSOCIATION

APRIL 1956

VFI" fing

A65



fill, stain and wax



in one application

Cabot's STAIN-WAX-&-FILLER

for interior paneling, woodwork and floors

 saves time and labor — three operations in one

 fills the wood, stains it and gives a wax finish in one application

• developed for Mahogany, Oak, Walnut, Ash

 comes ready for use — no thinning necessary

#### Available in 7 beautiful colors and Neutral

A quality product from Cabot Laboratories



Write for color card and name of nearest distributor in U.S. or Canada

A66

SAMUEL CABOT INC. 424 Oliver Building, Boston 9, Mass. Please send color card on Stoin-Wax-&-Filler

### AMERICAN

#### **Reference File**

#### **ROOFING AND SIDING**

Literature available on firm's line of asphalt, asbestos-cement roofing and siding products. Specifications and application details.—Flintkote Co. Grele No. 25 on reply cord Section 6

#### **ROOF DECKING**

On-the-job pictures and construction details are available in this literature which describes this insulating roof deck. Material is prefinished on underside to provide finished ceiling surface.—Insulite Div.

Circle No. 26 on reply card Section 6

#### **ROOFING PRODUCTS**

Descriptive data on firm's roofing materials is given in four attractive pieces: "American Thatch" ashestos shingles: extra-heavy "suburban" asphalt shingles; asphalt strip shingles for low roof decks; "Lok-Tabs," interlocking-type asphalt shingles.—Ruberoid Co.

Circle No. 27 on reply card Section 6

#### MOISTURE PREVENTION

Descriptive folder tells how to protect new home construction from destructive moisture. Illustrated with photos and drawings.—W. R. Meadows. Inc.

Circle No. 28 on reply card Section 6

#### MASONRY REINFORCEMENT

Folder on steel reinforcing rods for masonry walls outlines features of material, gives general specifications and helpful technical data.—Dur-O-Wal Div., Cedar Rapids Block Co.

Circle No. 29 on reply card Section 6

#### MASONRY WATERPROOFING

"Dri-Film" silicones offer a superior waterprofing coating for all types of masonry walls, also retards cracking and spalling. Information and names of suppliers available.—General Electric Silicone Div.

Circle No. 30 on reply card Section 6

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#### PREFABRICATED CHIMNEYS

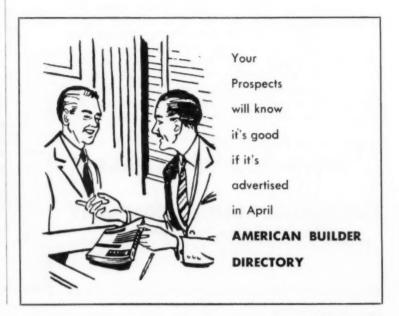
Specifications and installation details are given in literature available on firm's metal encased chimneys and flues. — Condensation Engineering Corp.

Circle No. 31 on reply card Section 6

#### PREFABRICATED CHIMNEYS

"Air-Jet" booklet points up features of packaged aluminum chimney with brick-design top. Contains data on several models, selection chart, recommended ratings.—General Products Co., Inc.

Circle No. 32 on reply card Section 6





Builders will welcome Ven-O-Wood, its beauty, its low price. It is a rigid, highly dent-resistant Philippine Mahogany Panelling for residential, commercial and office building applications.

It is a satin-smooth veneer, permanently bonded to durable pressed-wood panels. Ven-O-Wood's fine-grained Philippine Mahogany surface requires no sanding and is ready for staining, varnishing or lacquering.

Ven-O-Wood is 1/4" thick and is available in standard size panels, tiles and planks-with butt joint eased edges or T&G V-joints to permit blind noiling

Here's how Ven-O-Wood Sells for you-

- Builders prefer Ven-O-Wood's quick, easy installation features.
- Home buyers and owners like its rich, real Philippine Mahogany beauty.
- Ven-O-Wood's low price (much lower than conventional ribbon-grain Philippine Mahogany) appeals to both builders and their customers.

FILL IN THIS COUPON TODAY-and find out how Long-Bell's Ven-O-Wood can bring increased volume and profit to you. a

mit onna namng.	r
The Jone Ren Jumber Company	Long-Bell Lumber Company, Dept. AB Longview, Washington Please send me a FREE sample of Ven-O- Wood, complete descriptive information and prices. NAME
Established 1875 - Kansas City, Mo. Eastern Division - Kansas City, Mo. Western Division - Longview, Wash.	STREETSTATE
APRIL 1956	A

#### AMERICAN BUILDER

#### **Reference** File

#### PREFABRICATED CHIMNEYS

Eight-page fact book on "packaged masonry chimney" covers applications, product information, erection data, specifications and typical installations. -Van-Packer Corp.

Circle No. 33 on reply card Section 6

#### PLYWOOD

Basic catalog covers Douglas Fir plywood grades and application data. Minimum FHA requirements, fundamentals of finishing and application. -Douglas Fir Plywood Assoc.

Circle No. 34 on reply card Section 6

#### SIDING

Many different styles, patterns and colors are available in the line of asphalt and asbestos cement siding products described in this series of booklets. Actual colors are shown of all products .- Certainteed Products Corp.

Circle No. 35 on reply card Section 6

#### PLYWOOD WEATHERPROOFING

First specification sheet on "CreZon." plastic plywood overlay, includes data on available sizes, color, strength, water absorption, resistance to hot water, steam, weathering, chemicals and fungus: working and painting properties .- Crown Zellerbach Corp. Circle No. 36 on reply card Section 6

#### SHINGLE SHAKES

Literature available on "Shakertown" stained red cedar shakes. Also information on the "Glumac" unit which are cedar shakes mounted on a backing board for faster job application. -The Perma Products Co.

Circle No. 37 on reply card Section 6

#### STONE

Booklet contains descriptive and specification data on "Tennquartz" a variegated colored stone. Also gives list of applications.-Tennessee Stone Co.

Circle No. 38 on reply card Section 6

#### STEEL BEAMS

New type of steel hearn especially adaptable for residential use is described in this literature. Has greater strength and advantages over the cortventional I beam, in that it can be used for relatively long spans without posts or columns for center supports. -Triangle Beam Co

Circle No. 39 on reply card Section 6

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#### TIMRER REAMS

Two informative booklets-one on the description and details of the "Rilco" tongue and groove deck timber and the other a 24-page catalog on their laminated arches, beams, and trusses, Each containing data and illustrations. -Rilco Laminated Products, Inc.

Circle No. 40 on reply card Section 6

#### TRUSSES

Clear span wood trusses for homes as well as commercial buildings are described in photographs and detailed drawing form in this 16-page book. A condensed manual on truss construction.-Timber Engineering Co.

Circle No. 41 on reply card Section 6



Vitroliner is not only the first and Pioneer Chimney but still the finest quality-built class "A" Chimney on the market for one and two story homes and buildings using all fuels. The Architect has flexibility and choice. He can specify 2 types, "E" and "L" for basement or ceiling installations-3 Designs, as

illustrated above-5 Diameters, for correct size-UL listed for 4 Fuels-oil, gas, coal and wood.

1 W.

The Builder prefers lightweight Vitroliner (10 to 15 lbs. per ft.) which is easy to handle and quick to assemble.

The Home Owner enjoys a good looking modern design. His Vitroliner adds distinction to the appearance of his home. He also enjoys the safety and long life VITROLINER provides.

For quotations supply "X, Y" dimensions and roof pitch.

CHICAGO 51. 11



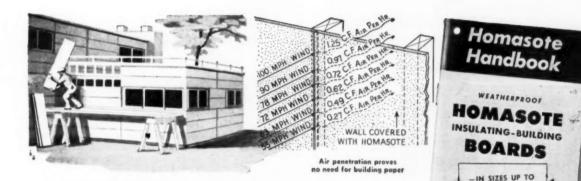
A68

"Vitroliner provides complete Chimney Functions" NFORMATION

POTOMAC AVE.



AMERICAN BUILDER



# For basic economy in **Sheathing**

### It's different!

When a builder eliminates a dozen costly details — with better end results — he is getting basic economy. This is Homasote economy. The Homasote Handbook — Page 28 —says:

"For real economy the 1552'' (Homasote) is the right material for all types of finished exteriors — such as brick veneer, siding, clapboard, or stucco. If the builder uses the Big Sheets in the proportion of one-third 8' x 14's and twothirds 8' x 12's, he will find that he comes out with no waste at all. The cutouts from windows or doors may be used as closet ceilings, plaques, soffits of stairwells, as well as exterior soffits."

With the Big Sheets, racking tests by independent labora-

tories show there is no need for corner bracing. Weatherproof Homasote needs no building paper, as the air penetration tests above demonstrate. Homasote **know-how** reduces material and labor costs.

IN A WIDE VARIETY

TRENTON 3, NEW JERSEY

OF FORMS AND THICKNESSES

The famous One-Man Sheathing, in V-grooved 2' x 8' panels, is another Homasote sound building value.

The Homasote Handbook gives you the right answers to 100 construction problems. We have confidence in its basic value. Homasote is different — in both product See our and know-how.

May we send you a copy — without cost or obligation? Kindly address your inquiry to Department D-12.



HOMASOTE COMPANY TRENTON 3, NEW JERSEY

A69

OFFER PROTECTION AGAINST MOISTURE -vau'll sell more!



Actual photo shows how a porous block-treated with Maduse Mesoney Points-holds out water so well that it actually floats. Photo shows how uncoated block, without this protection, soaks up water instantly and sinks.

Whether you're contracting a new home or renovating an old one, it will pay you in added volume and satisfied customers if you'll sell "protection against moisture.

#### **Special Paints Needed** for Masonry Surfaces

Too many times, a finished house is turned over to its owner with either no protective coating on the masonry surfaces, or insufficient protection through the use of ordinary paints. Home-owners become irritated when driving rains soak their walls and damage and repair bills mount. You can avoid this customer irritation and increase your contract volume by pointing out, at the very beginning, that Special Paints are needed for Masonry.

#### MEDUSA MASONRY PAINTS

You can solve every masonry paint problem with Medusa. We offer you Portland Cement paints for prime coats, or for exterior and interior finishes, in many attractive pastels; and Rubber Base paints, flat or gloss, for exterior or interior use, both in many beautiful colors. With Medusa clear Silicone, you can offer the new, modern way to make masonry water-repellent. All 5 products are tested and proven.

#### More Profit for You

You're losing extra dollar volume when you fail to include the coating of masonry surfaces in all your bids. Brick • Stucco • Concrete • Block • Asbestos • Cement Shingles-you'll boost volume and profits by coating these surfaces with Meduaa's specialized paints.

MASONRY PAINTS Court Square Building, Baltimore 2, Md.



A70

Send For Helpful **Free Book** 

Illustrated, colorful 28page Book, plus slabo-rate Color Charts and other Aids, sent to you on request. Excellent material for sales work with your customers. Send for free copy new. AMERICAN BUILDER

#### Reference File

#### WATERPROOFING

Applications of "Water Seal" described and illustrated in several pieces of firm's literature include paint finishes, wood protection, concrete form sealing and curing .--- E. A. Thompson Co., Inc.

Circle No. 42 on realy card Section 6

#### WOOD SIDING

Literature describes "Olympic Boards and Battens"-a pre-stained and backprimed siding in Western Red Cedar. -Olympic Stained Products Co.

Circle No. 43 on reply card Section 6

#### WOOD TRUSSES

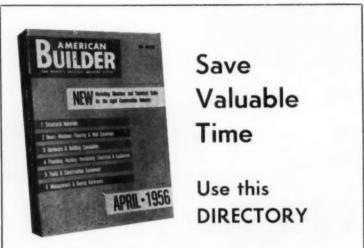
Several booklets are available on the new laminated wood bowstring truss giving full description, design data, dimensions, and specifications. Detail drawings and recommendations are given for best construction .- Rilco Laminated Products, Inc.

Circle No. 44 on reply card Section 6

#### VAPOR BARRIER

Richkraft 65 is a fungi resistant vapor barrier paper. Available in rolls up to 10 ft. wide. Literature describes uses and merits .- The Richkraft Co.

Circle No. 45 on reply card Section 6



#### for the Facts and Buying Data

You'll want to keep this big reference issue close by, within handy reach, for everyday use. It provides you with valuable data on all the many facets of the light construction industry. A library of building knowledge that is worth its weight in gold to building men.

In addition to using this DIRECTORY as an authoritive source for the answers to your construction problems, you will find it a market place of products and equipment. Study the advertisements carefully, they are your market-place of the latest and finest in building products and equipment.

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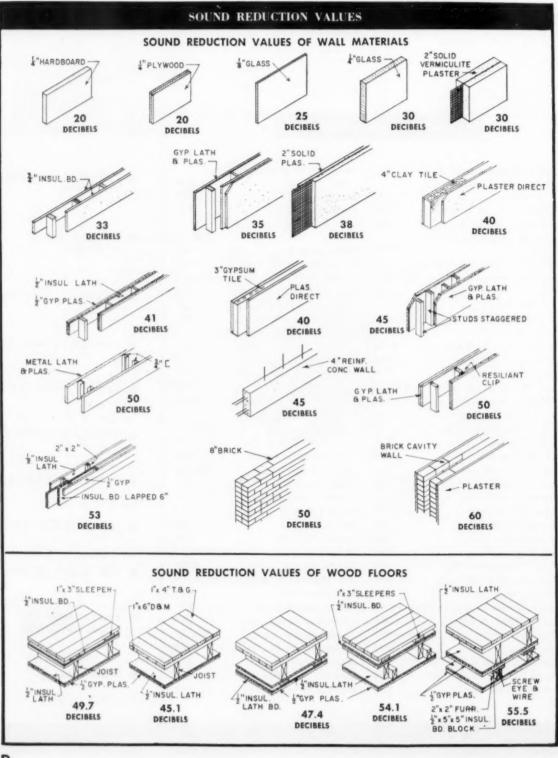
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AL MATERIALS DOORS, JAMBS & TRIM FLOORING & FLOOR COVERINGS GLASS & GLASS . PRODUCTS MILLWORK & STAIRS PANELING & PLYWOODS PLASTIC LAMINATES SCREENS & STORM SASH

- STORE FRONT MATERIALS
- STRUCTURAL PLASTICS
- . TILE, FLOOR & WALL
- WALLBOARDS & WALL COVERINGS

WINDOWS

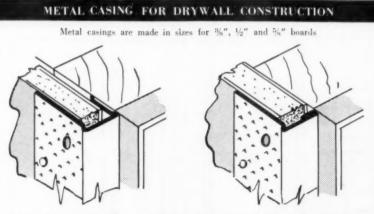
EVERY PAGE PLANNED TO HELP YOU IN ESTIMATING, DESIGNING AND BUYING



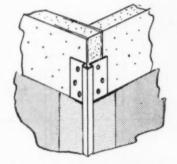
**B**<sub>2</sub>

AMERICAN BUILDER

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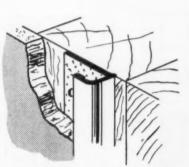
Two types of square edge metal casings which are used to finish edge of wallboard at door jamb or window. Corners are butted and casing is nailed through board into stud. Knurled side affords good spackle adhesion.



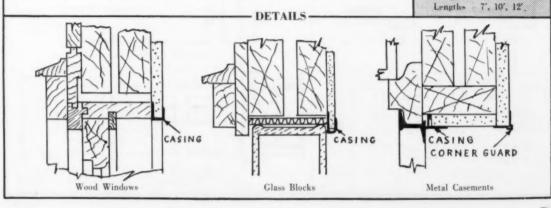
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Corner guard for protection to exterior corners applied directly over wallboard and nailed through flange. Nose is undercut to provide grip for spackle finish.



Round or square edge casings are nailed in place before board is applied. Corners are mitered. Inclined plane creates tension that draws board snugly into position.



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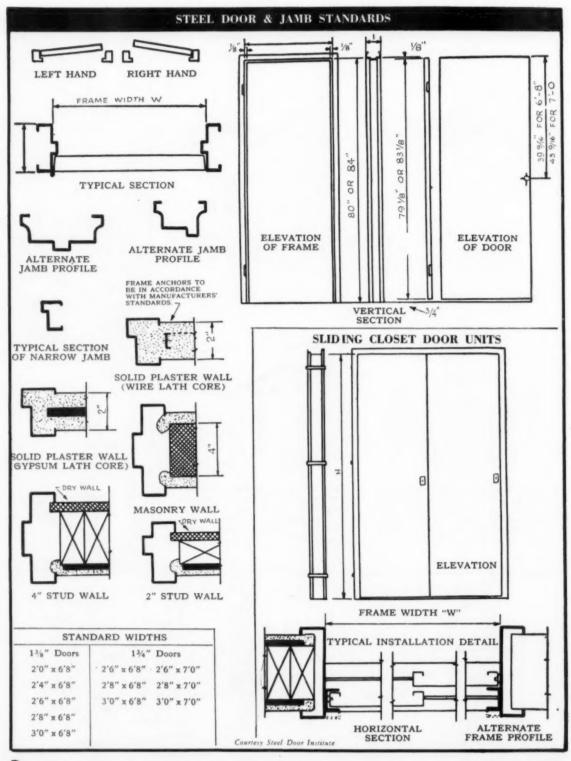
SOUARE EDGE

SQUARE EDGE Lengths - 7', 10', 12'

CORNER GUARD

**ROUND EDGE** 

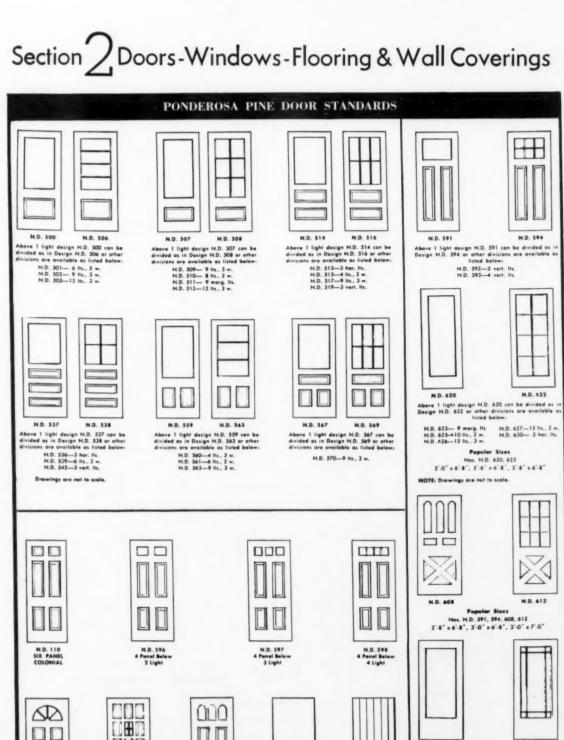
SOUARE EDGE



B4

AMERICAN BUILDER

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N.D. 635 N.D. 635 M.D. 635 cm be divided os in Design N.D. 638 or other divisions are available as Intel Belaw. N.D. 635 - Start, N.D. 641-12 Ns., 3 w., N.D. 637-4 B Hs., 2 w. N.D. 642-15 Its., 3 w., N.D. 637-4 B Hs., 2 w. N.D. 642-15 Hs., 3 w., N.D. 637-6 Hs., 2 w. N.D. 646-5 her. Hs. Pepular Bises Hes. N.D. 635, 638 21 \* 5 \* 6 \* 3. 30 \* 6 \* 4. 3 \* 0 \* 2\*0\*

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N.D. 404

Papular Sizes: 2'.8" = 6'.8", 3'.0" = 6'.8", 3'.0" = 7'.0"

PLAIN FLUSH

Coursesy National Woodwork Manufacturers Association

FLUSH "V" GROOVED

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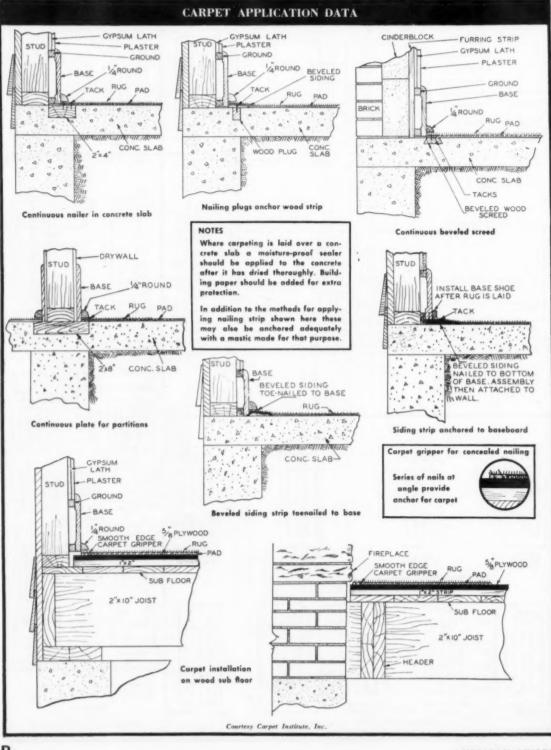
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B<sub>6</sub>

AMERICAN BUILDER

#### FORMULAS FOR TINTING PAINT

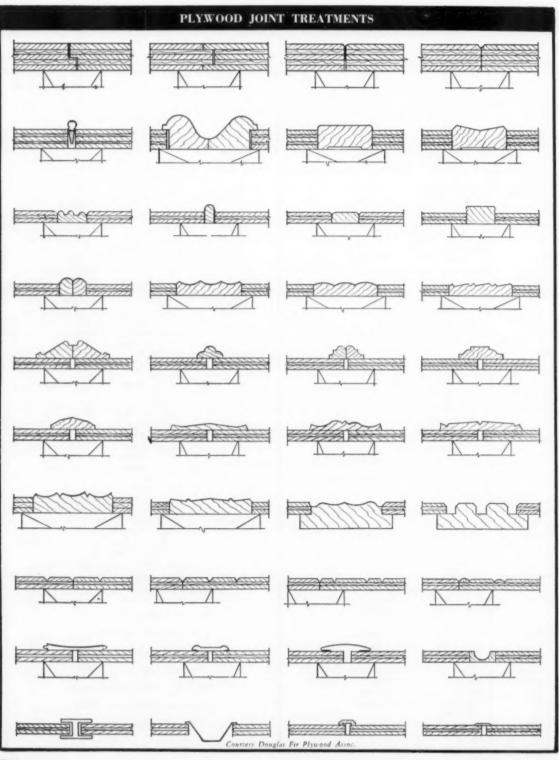
Tints should be made with white paint as a base. Since definite color standards do not exist, the colors-in-oil recom-

mended will produce the tints usually identified by the names shown.

Tint desired: BLUES	Add to white TINTING COLORS IN OIL	Orchid	3 Ultramarine Blue, 1 Indian Red, touch of Alizarin Crimson
Delft Robin's Egg	8 Ultramarine Blue, 1 Ivory Black Chrome Green Medium	Orchid Pink	American Scarlet Vermilion, touch of Ultramarine Blue
Sky Slate	Prussian Blue 3 Ultramarine Blue, 1 Lamp Black	Wistaria	1 Ultramarine Blue, 1 American Scarlet Vermilion
Turquoise	4 Ultramarine Blue, 1 Chrome Green	WHITES	
GRAYS	Medium or Light	Bone White	Ivory Black, touch of Yellow Ochre or Raw Sienna or Burnt Sienna
Blue Gray	Lamp Black	Off White	Raw Umber
French Pearl	Raw Sienna, Ultramarine Blue Burnt Umber	Oyster White	Chrome Yellow Light, touch of Ultramarine Blue
Putty	Raw Umber, touch of Burnt Umber	YELLOWS & C	DRANGES
Rose Taupe	3 Burn Umber, 1 Lamp Black, touch of Venetian Red	Apricot	Chrome Yellow Dark; touch of Chrome Yellow Medium
Taupe	3 Burnt Umber, 1 Lamp Black	Beige	1 Raw Sienna, 1 Burnt Umber
		Buff	Raw Sienna, touch of Burnt Umber
GREENS Apple	Chrome Green Light,	Chamois	3 Raw Sienna, 3 Yellow Ochre, 2 Raw Umber
	touch of Chrome Green Medium	Champagne	3 Yellow Ochre, 1 Burnt Umber
Green Tint	and Raw Sienna Chrome Green Light	Chartreuse	Chrome Yellow Light, touch of Chrome Green Medium and Burnt Umber
Jade	1 Chrome Green Light, 1 Chrome Green Medium	Coffee	8 Raw Sienna, 4 Burnt Sienna, 1 Lamp Black
Nile	Chrome Green Light, touch of Chrome Yellow Light	Colonial Yellow	2 Yellow Ochre, 1 Chrome Yellow Medium
Pea	Chrome Green Light, touch of Chrome Green Medium	Cream Ecru	Raw Sienna 2 Valley Ochra 1 Burnt Umber touch of
PINKS		Leru	2 Yellow Ochre, 1 Burnt Umber, touch of Ivory Black
Baby Pink	Venetian Red	Fawn	3 Yellow Ochre, 1 Burnt Umber, touch of Indian Red
Coral	Venetian Red, touch of Chrome Yellow Dark	Honey	Raw Sienna
Flesh	6 Yellow Ochre, 1 Venetian Red, touch of	Ivory	Yellow Ochre
Old Rose	Lamp Black 1 American Scarlet Vermilion,	Lemon	Chrome Yellow Light, touch of Chrome Yellow Medium
Pink	1 Indian Red American Scarlet Vermilion, touch of	Maize	1 Yellow Ochre, 1 Chrome Yellow Medium
FINK	Venetian Red	Maple	Raw Sienna
Salmon	Venetian Red	Old Gold	2 Chrome Yellow, Medium, 1 Burnt Umber, touch of Venetian Red
VIOLETS		Old Ivory	Yellow Ochre, touch of Raw Umber
Lavender	1 Ultramarine Blue, 1 American	Peach	Chrome Yellow Dark
Lilac	Scarlet Vermilion 1 Ultramarine Blue, 1 American Scarlet	Straw	4 Chrome Yellow Light, 1 Raw Umber, touch of Chrome Green Light
Linde	Vermilion	Tan	Raw Sienna, touch of Burnt Umber
	TIPS ON COLOR	PRIMA	RY & SECONDARY MIXTURES

TIPS ON COLOR			PRIMARY & SECONDARY MIXTURES		
If you have	And you want	Do this	Red plus Yellow makes Orange		
Blue	Dark Blue	Add Black			
Blue	Light Blue	Add White	Yellow plus Blue makes Green		
Green	Deep Green	Add Blue or Black	Blue plus Red makes Purple		
Green	Light Green	Add Yellow or White	Enter pros acca makes r urpic		
Green	Olive	Add Blue and Red	Orange plus Green makes Citron		
Orange	Brown	Add Blue	C I D I I OV		
Red	Dark Red	Add Black	Green plus Purple makes Olive		
Red	Light Red (not Pink)	Add Orange	Purple plus Orange makes Russet		
Red	Brown	Add Green	(Try a small sample first for desired color)		

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AMERICAN BUILDER

		NAIL	ING	SPECIFICA	TIONS	FOR HAI	RDBOARDS	5	
			1			SPACING			Approx.
APPLICATION		E OF BOARD		Thickness		pports	Around Edges	SIZE AND TYPE OF NAIL	No. of Nails Per Poun
	and Te	Hardboard mpered board		1/8" 3" 16" 1/4" <u>16</u> "	12" t	hru body* 6''	4" 4"	114" casing nails 114" finishing nails 112" finishing nails 112" finishing nails 114" casing nails	635 805 475 585 635
INTERIOR WALLS AND CEILINGS	Pane	lwood		3 16 1/4**		6"	4"	114" finishing nails 114" countersunk nails 114" box nails	805 700 635
	Hardbo	Surface ard and irdboard		¥s**	12" thru body*		4"	1¼" 18 ga. brads 1¼" ring grooved nails (flat head)	1650
UNDERLAYMENT	Underlayment Hardboard			.215"	6" 1	hru body	6"	114" drive screws (flat head) 114" barbed box nails	650 635
FINISH FLOORING	Tempered Hardboard			3." 16 1/4"		6"	3"	1¼" coated casing nails	635
PANEL	PANEL Construction PANEL Construction Constr		-	3" 16 14" 5"	12"		3"	2¼" galvanized sid- ing nails 2¼" galvanized box nails	200 200
•SIDING	(no sh recommo for far	eathing— ended only m bldgs., arages, etc.)		1/4" 5"		6"	3"	2" galvanized siding nails 2" galvanized box nails	225
LAP SIDING	Tempered Hardboard (over sheathing) Siding widths: 24" ond over		12" and 16" 24" and	$\frac{1}{16}$ or $\frac{5}{16}$ .	edge at stud locations 6" vertically over wedge st ip		3" vertically at all joints over wedge strips	Plain Lap: 2 <sup>1</sup> 2" galvanized sid- ing nails 2 <sup>1</sup> 2" galvanized box nails Lap with shadow strip: 3" galvanized siding nails 3" galvanized box nails	140
CONCRETE		ete For d'Soard	m	3/1 16 1/4**	8" to 12"		4"	11/4" coated casing nails	635
				MINIMUM		DING RAD			
MATERIAL TYPE		Smo Side	oth	BENDS Smooth Side In		COLD M Smooth Side Out	OIST BENDS Smoot Side I	h Smooth	LD BENDS Smooth Side In
STANDARD HARDBOARD	1/8" 3/16" 1/4" 5/16"			2" 3" 4" 6"		7" 10" 15" 22"	5" 8" 12" 18"	12" 18" 27" 35"	10" 16" 24" 30"
TEMPERED HARDBOARD	1/8" 3/16" 1/4" 5/16"			2" 3" 4" 6"		6" 9" 14" 20"	4" 6" 10" 16"	9" 16" 25" 35"	7" 14" 22" 30"
STANDARD S2S HARDBOARD	1/8" 3/16" 1/4"		-1	3" 5" 12"			7" 12" 25"		10" 16" 30"
TEMPERED S2S HARDBOARD	1/8" 3/16" 1/4"			3" 5" 12"			7" 12" 25"		10" 16" 30"

#### HARDWOOD FLOORING DATA

#### STANDARD SIZES, COUNTS and WEIGHTS

"Nominal" is the size designation used by the trade, but it is not always the actual size. Sometimes the actual thickness of hardwood flooring is 1/32-inch less than the so-called nominal size.

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"Actual" is the mill size for thickness and face width, excluding tongue width. "Counted" size determines the board feet in a ship-ment. Pieces less than 1 inch in thickness are considered to be 1 inch.

	OAK						
Nominal	Actual	Counted	Weights M Ft				
TONG	JED AND GROOVER	-END MATCHE	D				
25/32 x 3½ in.	25/32 x 31/4 in.	1 x 4 in.	2250 lbs.				
25/32 x 2¼ in.	25/32 x 21/4 in.	1 x 3 in.	2000 lbs.				
25/32 x 2 in.	25/32 x 2 in.	1 x 2% in.	2000 lbs.				
25/32 x 1½ in.	25/32 x 11/2 in.	1 x 21/4 in.	2000 lbs.				
96 x 2 in.	11/32 x 2 in.	1 x 21/2 in.	1000 lbs.				
3/6 x 11/2 in.	11/32 x 1½ in.	1 x 2 in.	1000 lbs.				
1/2 x 2 in.	15/32 x 2 in.	1 x 21/2 in.	1300 lbs.				
1/2 x 11/2 in.	15/32 x 11/2 in.	1 x 2 in.	1300 lbs.				
	SQUARE ED	OE					
5/16 x 2 lin.	5/16 x 2 in.	face count	1200 lbs.				

NOTE: Oak, Beech, Birch, Hard Maple ad Pecan Flooring are bundled by averaging the lengths. A bundle may include pieces from 6 in. under to 6 in. aver the nominal length of the bundle. No piece short-er than 9 in. admitted.

5/16 x 11/2 in. 5/16 x 11/2 in. face count 1200 lbs.

The percentages under 4 ft, referred to in the grading rules on this page apply on total footage in any one shipment of the item.

#### ESTIMATING FLOORING

Figures below are board feet of various sizes of flooring required to cover square feet of floor space shown at left.

Square Feet Floor Space				/32 x	25/32 x	21/2	1/2 ×	3% ×	14×1	Then add one of the upon the size of floor
			13		15	12		12	13	25/32 x 11/2 inch
10	1			13	30	24	12	25	27	25/32 x 2 inch
30	3	-		40	45	36	23	38	40	25/32 x 21/4 inch
40	4			53	60	48	50	50	53	3/8 x 11/2 inch
50	6			67	75	60	63	63	67	1/2 x 11/2 inch
60	7	-		80	90	72	75	75	80	3/8 x 2 inch
70	8		-	93	105	84	88	88	93	1/2 x 2 inch
80	-	-		07	120	96	100	100	107	25/32 x 31/4 inch
90	11	-	-	20	135	108	113	113	120	
100	12	-		33	150	120	125	125	133	The above figures a
200	24			67	300	240	250	250	267	Where there are bay made for additional
300	37			00	450	360	375	375	400	to take care of floo
400	49	-		33	600	480	500	500	533	handled.
500	61			47	750	600	625	625	667	
600	74		_	00	900	720	750	750	800	
700	86			33	1050	840	875	875	875	NAI
800	98	_		67	1200	960	1000	1000	1067	Tongued-
900	111			00	1350	1080	1125	1125	1200	
1000	123	5 127	75 13	33	1500	1200	1250	1250	1333	Flooring Dimen., In.
No a	llew	ance he	as been	made	in thes	e figures	for cut	ting wa	ste.	3/8 x 2
Counted o	-	1x4	1x31/2			-		11221/2		3/8 x 1-1/2
Weight	-	2250	2125	2000		1500	1300	1000	1000	25/32 x 3-1/4
Size of	_	84	84	84		54	54	44	44	25/32 x 2-1/4 25/32 x 1-1/2
nails used Nail spacing	-		te 12 in	1	1	8 10	10 in.	6 10	8 in.	1/2 x 2 1/2 x 1-1/2
No. piece			12	1	2 13		1	24	24	5
per bundi Add to fit				-						
area to a tain BM required		231/2%	271/2%	331/34	% 50%	20%	25%	25%	331/3%	5/16 x 2 5/16 x 1-1/2
To obtain BM from Bdl. feet		22/5	31/2	3	21/4	4	31/4	5	4	*If steel wire flo coment coated.
multiply I	by			1	-		0	ourtesy	National	Oak Flooring Mfrs. Assn.

BEECH,	BIRCH, HARD MA	APLE AND PEC	AN
Nominal	Actual	Counted	Weights M Ft
TONG	JED AND GROOVE	D-END MATCH	Ð
25/32 x 31/4 in.	25/32 x 31/4 in.	1 x 4 in.	2250 lbs.
25/32 x 21/4 in.	25/32 x 21/4 in.	1 x 3 in.	2000 lbs.
25/32 x 2 in.	25/32 x 2 in.	1 x 23/4 in.	2000 lbs.
25/32 x 11/2 in.	25/32 x 11/2 in.	1 x 21/4 in.	2000 lbs.
3/a x 2 in.	11/32 x 2 in.	1 x 21/2 in.	1000 ibs.
3/a x 11/2 in.	11/32 x 11/2 in.	1 x 2 in.	1000 lbs.
1/2 x 2 in.	15/32 x 2 in.	1 x 21/2 in.	1300 lbs.
1/2 x 11/2 in.	15/32 x 11/2 in.	1 x 2 in.	1300 lbs.
SPECIAL	THICKNESSES (T a	nd G, End Mate	(bed)
17/16 x 31/4 in.	33/32 x 31/4 in.	5/4 x 4 in.	2400 lbs.
17/16 x 21/4 in.	33/32 x 21/4 in.		2250 lbs.
17/16 x 2 in.	33/32 x 2 in.	5/4 x 23/4 in.	2250 ibs.
JOINT	ED FLOORING-i.e	SQUARE EDG	Æ
25/32 x 21/2 in.	25/32 x 21/2 in.	1 x 31/4 in.	2250 lbs.
25/32 x 31/4 in.	25/32 x 31/4 in.	1 x 4 in.	2400 lbs.
17/16 x 21/2 in.	33/32 x 21/2 in.	5/4 x 31/4 in.	2500 lbs.
17/16 x 31/2 in.	33/32 x 31/2 in.	5/4 x 41/4 in.	2600 lbs.

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34-in. allowance shall be added to the face length when measuring the length of each piece.

Flagring shall not be considered of standard grade unless the lumber from which the flooring is manufactured has been properly kilndried.

#### COMPUTING FLOORING NEEDS

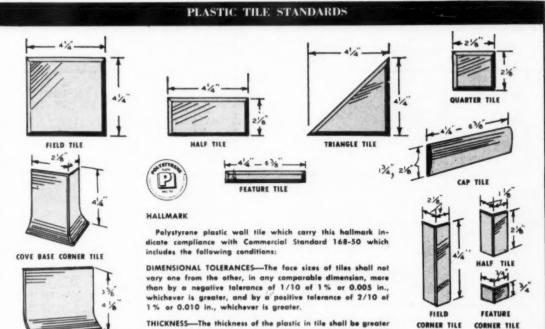
To ascertain the amount of hardwood flooring required for a room, first determine the area of the room by multiplying the width by the length. Then add one of the following percentages to that figure, depending upon the size of flooring you intend to use.

15/32	x 11/2	inch.																		.50%
25/32	x 2 in	ch	 			 										 			.1	7129
25/32	× 21/4	inch.				. ,				 		 *							.1	131/5%
3/8 x	1½ in	ch	 		 														.1	131/39
1/2 x	11/2 in	ch	 		 						 *								.1	131/39
3/8 x	2 inch		 		 			•												.25%
1/2 x	2 inch		 										 			 				.25%
25/32	× 31/4	inch.	 													 				.249

Where there are bay windows or other projections, allowance should be made for additional flooring. It is well to order 5% additional flooring to take care of floor layer's cutting and possible damage if carelessly handled.

Flooring Dimen., In.	Type, Size, Spacing of Nails
3/8 x 2 3/8 x 1-1/2	Bright casing nail — 4d wire or cut nail, or screw nail. 8 in. apart. Wood subfloor required.
25/32 x 3-1/4 25/32 x 2-1/4 25/32 x 1-1/2	7d ar 8d screw type ar cut steel nail." 10-12 in apart.
1/2 x 2 1/2 x 1-1/2	Sd screw type or cut steel or wire nail. 10 in apart. Wood subfloor required.
	Square-edge flooring. Face-nailed.
5/16 x 2 5/16 x 1-1/2	1-in. 15 gauge fully barbed flooring brad, pref erably cement coated. 2 nails every 5 in. Wood subfloor required.

#### NAIL SCHEDULE - OAK FLOORING



THICKNESS—The thickness of the plastic in tile shall be greater than 0.062 in. The lip on the tile shall extend at least 0.033 in. beyond the back of the tile.

#### ESTIMATING AND DESIGNING FACTORS

(Based on 41/4 x 41/4 Tile)

LENGTH	NO. OF TILE	LENGTH	NO. OF TILE	LENGTH	NO. OF TILE	LENGTH	NO. OF TILE	LENGTH	NO. OF TILE	LENGTH	NO. OF TILE
4 1/4"	1	3'-10 3/4 "	11	7'- 51/4"	21	10'-11 3/4"	31	14'- 61/4"	41	18'- 0%"	51
81/2"	2	4'- 3 "	12	7'- 91/2"	22	11'- 4 "	32	14'-101/2"	42	18'- 5 "	52
1'- 03/4"	3	4'- 71/4"	13	8'- 1 3/4"	23	11'- 81/4"	33	15'- 2%"	43	18'- 91/4"	53
1'- 5 "	4	4'-11 1/2"	14	8'- 6 "	24	12'- 01/2"	34	15'- 7 "	44	19'- 11/2"	54
1'- 91/4"	5	5'- 3 1/4 "	15	8'-101/4"	25	12'- 4 1/4"	35	15'-11 1/4"	45	19'- 5 3/4"	55
2'- 11/2"	6	5'- 8 "	16	9'- 21/2"	26	12'- 9 "	36	16'- 31/2"	46	19'-10 "	56
2'- 5%"	7	6'- 01/4"	17	9'- 63/4"	27	13'- 11/4"	37	16'- 7%"	47	20'- 21/4"	57
2'-10 "	8	6'- 41/2"	18	9'-11 "	28	13'- 51/2"	38	17'- 0 "	48	20'- 61/2"	58
3'- 21/4"	9	6'- 8 3/4 "	19	10'- 31/4"	29	13'- 9%"	39	17'- 41/2"	49	20'-10 %"	59
3'- 61/3"	10	7'-1 "	20	10'- 71/2"	30	14'- 2 "	40	17'- 81/2"	50	21'- 3 "	60

#### HOW TO USE THIS TABLE

This table can be valuable to the designer and estimator in several ways.

+ 41/4 - 63/8

COVE BASE TILE

- 1. In designing or layout, the number of courses of tile can be ascertained, for any required height or length of wall.
  - Example: Assume that a wainscot height of 4'-6" is desired and it is required to knew the number of tiles necessary to approach this dimension. Checking the table it will be found that 13 tiles give a course height of 4'-7 ¼". If desirable to hold close to the 54" dimension 12 full tiles may be finished with a half tile or cap of 2 ½" giving a total height of 4'-5 ½".

2. Estimating tile quantities for a given area.

Example: Length of wall in lineal feet—17'-0" Height of wall—5'-8" Number of tile in 17'-0"=48

- Number of tile in 5'-8"=16 48 x 16=768 tiles required.
- 3. Estimating the number of pieces of 41/4" cap, base or feature strip required for lineal feet of wall.
- Example: Assume total lineal feet of wall to be tiled to be 48 feet.
  - Consulting the table it will be found that 34 pieces are needed for 12 feet. Therefore:  $34 \times 3=102$  the total number of pieces required.

Courtesy The Society of Plastics Industry, Inc.

**B**11

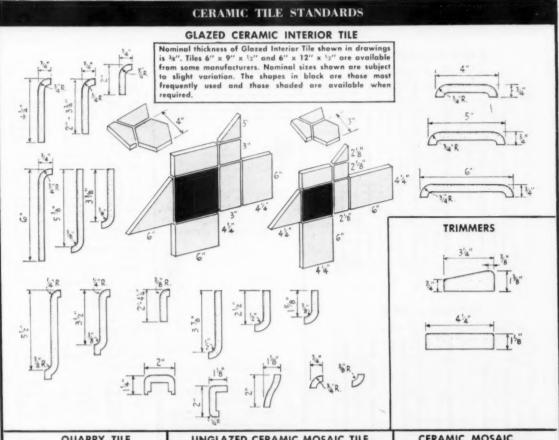
		-	CERAM	IC TILE USES & SP	ECIFICA	TIONS					
	TYPES OF TILE		DESCRIPTION	BASIC SHAPES AND NOMINAL SIZES IN INCHES		TYPICAL USES					
	GLAZED	us finish composed of ceramic ma- the surface of a fired clay body, not absorb stains or change color.	Durable Tile with a glass-like finish on a body that is usually non- vitreous.	Square $\begin{cases} 4\frac{3}{6} \\ 6 \end{cases}$	94	Suitable for all uses except surfaces subject to abra impact, freezing, or excessive changes in tempera Typical uses are in: Corridors Kitchens Lunch Rooms Bathrooms Closets Showers Washrooms Powder Rooms Locker Rooms Operating Rooms					
GLAZED	EXTRA DUTY	sh composed urface of a fo ssorb stains o	More durable than the Glazed Interior Tile.	Square 4%	% to %						
617	FAIENCE	impervious find fused on the si- face will not al	Thicknesses vary with	Square $\begin{cases} 4^{1/\epsilon} \\ 6 \end{cases}$	1.2 to 5%	Can be used on any surface where Glazed Interior T suitable and ordinarily for exterior surfaces when pa					
	CERAMIC MOSAIC	Has an impervious terials fused on il The surface will n	be of such density and body strength as to pass the Standard Weather Test.	Some of the sizes in the un- glazed ceramic series are avail- able in glazed ceramic mosaics.	14	the Standard Weather Test, Exterior Decoration Bulkheads Vestibules Store Fronts Fountams Subway Entrances Dramboards Light Traffic Floors					
_	SPECIAL PURPOSE		Should be specified subje for the particular use int	t to properties and appearance re- ended.	luirements						
	CERAMIC			$Square \begin{cases} 3^{*}_{4} & 1^{\frac{3}{14}}_{1\frac{1}{14}} \\ 1 & 1^{\frac{1}{14}}_{1\frac{1}{14}} \\ 1^{\frac{1}{14}}_{1\frac{1}{14}} & 2^{\frac{3}{14}}_{1\frac{1}{14}} \end{cases}$	1 <sub>16</sub>						
	PAVER		, dense Tile of homogeneous	$\frac{Square \left\{ \begin{array}{c} 3\\ 4\\ 4V_4\\ 6\\ \end{array} \right.}{Oblong \ 6\ x\ 3}$	a% to 5%	Generally suitable for any use. Especially adapted to and other heavy duty purposes—both indoors and outd Drainboards Stairs and Landings					
	composition that derives color and texture from the materials of which it is made. Has no glaze on the surface. May be produced by either the dust-pressed or plastic method. Unglazed Tile for exterior use in freezing climates should be of such density and body strength as to pass the Standard Weather Test,		from the materials of which nade. Has no glaze on the May be produced by either it-pre-sed or plastic method, ed Tile for exterior use in z climates should be of such and body strength as to	$\frac{Squars}{0} \begin{cases} \frac{234}{4} \\ 6 \\ 8 \\ 9 \\ \hline 0 \\ 0 \\ 6 \\ 8 \\ 335 \\ 6 \\ 8 \\ 335 \\ 6 \\ \hline \end{array}$	1 <sub>2</sub> to 34	Working Surfaces         Porches           Bathrooms         Dairies           Kitchens         Stables           Toilet Rooms         Packing Houses           Corridors         Power Plants           Operating Rooms         Industrial Plants           Delivery Rooms         Showers           Grease Rooms         Stove Backs           Recreation Rooms         Snack Bars					
UNGLAZED	QUARRY										
UNCLAZED	QUARRY			Oblong 8 x 4	1½ to 1%						

The dimensions given in the table are nominal for the basic flat Tile units. All Tile may vary slightly from these nominal sizes. Fractional pieces of flat Tile such as oblongs, diagonals, and squares, together with shaped or molded pieces known as trimmers, are made to integrate with the basic shapes listed. There is some variation among Tile manufacturers in the number of these complementary units that they manufacture, and the manufacturer or Tile contractor should be consulted on questions.

Tacturer of the constractor should be consulted on questions. Tiles are made in a wide range of colors and the individual Tile manufacturer's color charts should be consulted in making selections. The firing of the clay results in harmonious deviations from any selected sample.

**Courtesy Tile Council of America** 

4



QUARRY TILE

Basic shapes for flat Quarries are shown in black. For the trimmer shapes shown there are complementary corner pieces available. Consult the Tile Contractor if other shapes than those illustrated are required for special conditions. Dimensions shown on the drawings are nominal . . . some slight variation is to be expected in actual measurements. Other than the basic shapes shown are available from some manufacturers.

#### UNGLAZED CERAMIC MOSAIC TILE PAVER TILE

The basic shapes for flat Paver Tile are shown

in black. For the coves and caps there are the

complementary corner pieces available. Con-

sult the Tile Contractor if other shapes are

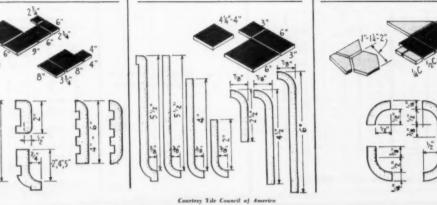
required for special conditions. The sizes shown

are nominal dimensions and will have a

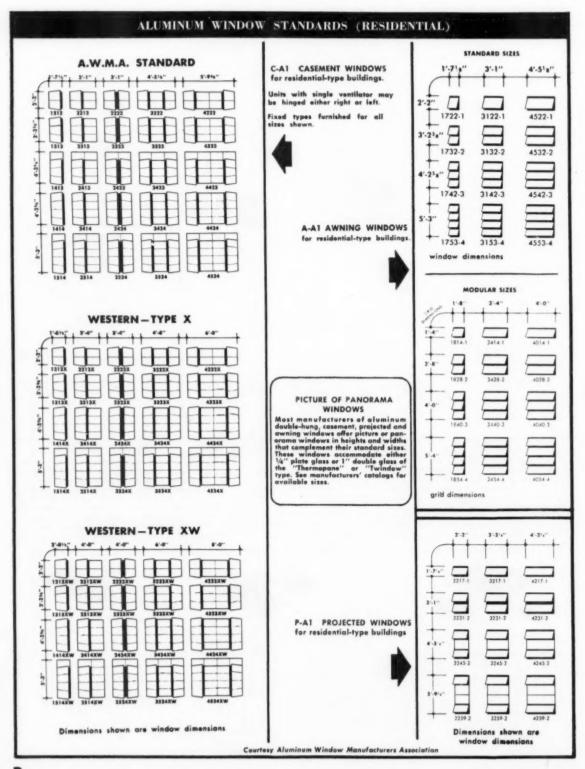
slight tolerance.

#### CERAMIC MOSAIC

The series of sizes of Ceramic Mosaic is usually referred to as the 2" or the 1-9/16" series. Actually there are slight variations, according to the practice of manufacturers as follows:  $C = 2^{\prime\prime}$ , 2-3/16^{\prime\prime}, 1-9/16<sup>''</sup> or 1-15/16<sup>''</sup>. Basic shapes are shown in black on the drawing. Pentagon and Octagon shapes are made by some manufacturers. For both Coves and Caps there are complementary corner pieces available.



APRIL 1956



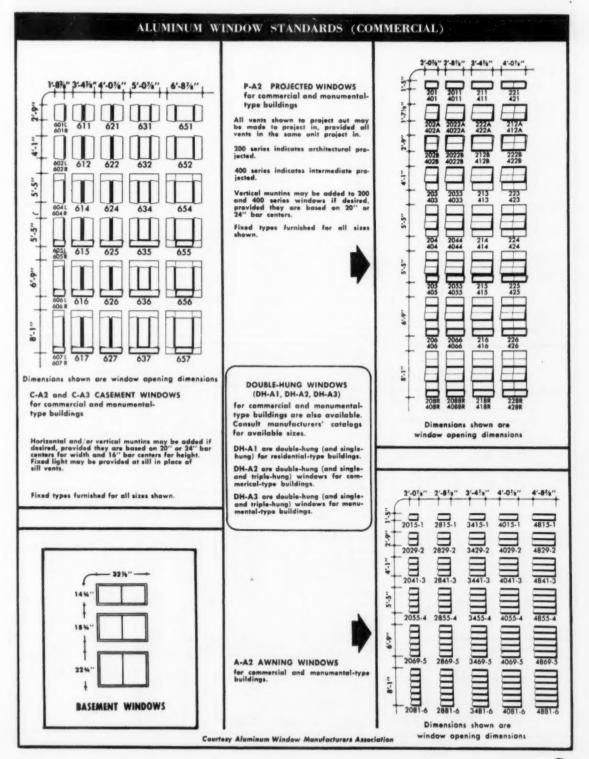
AMERICAN BUILDER

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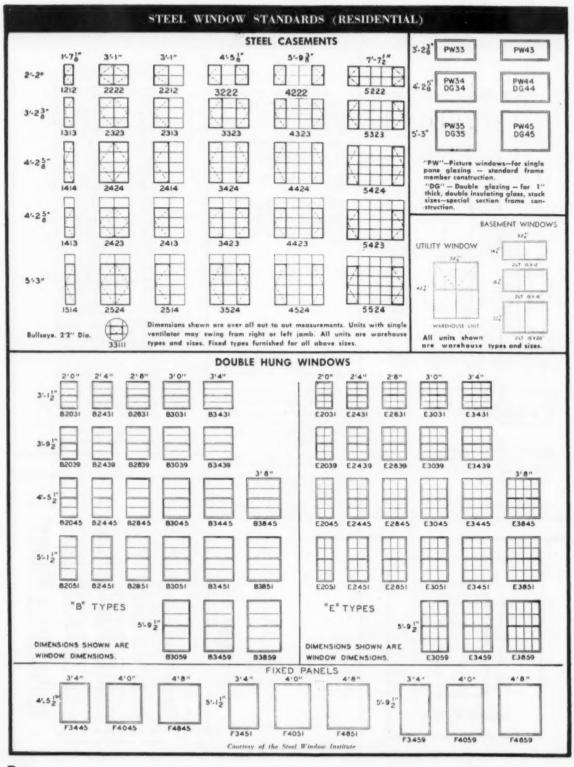
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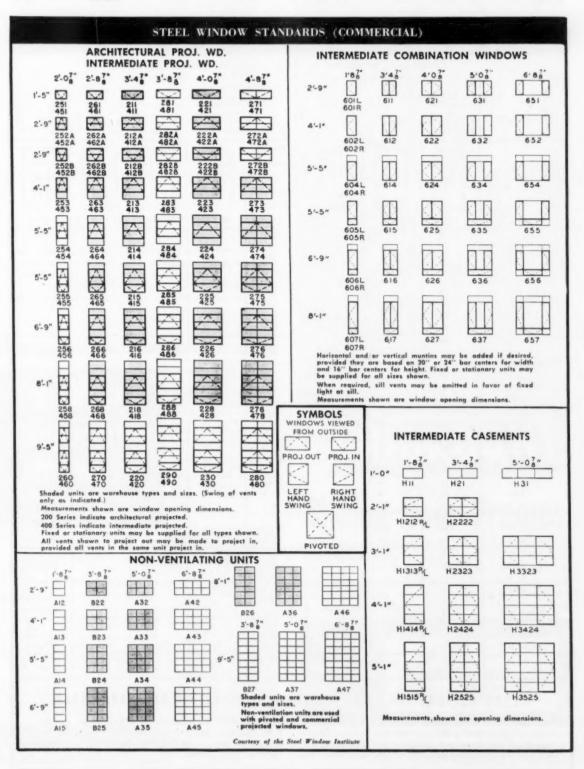
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## Section 2 Doors-Windows-Flooring & Wall Coverings



## Section 2 Doors-Windows-Flooring & Wall Coverings

#### WOOD WINDOW STANDARDS

Prefit Face Measurements	Stiles         12%2°           Top Rail         12%2°           Bottom Rail         3°           Vertical Bar         3°           Horizonial Bar         3′%2°           Check Rail         13⁄2°				Stiles.         12%2"           Top Rail         17/2"           Bottom Rail         3"           Vertical Bar.         3"           Muntin.         3/4"           Check Rail         1 3/2"		St 1 <sup>21</sup> / <sub>2</sub> " T.R 1 <sup>21</sup> / <sub>2</sub> " B.R 2 <sup>3</sup> / <sub>4</sub> " V.B <sup>3</sup> / <sub>6</sub> " Mun <sup>3</sup> / <sub>6</sub> " C.R 1 <sup>3</sup> / <sub>2</sub> "	St. 1 <sup>29</sup> / <sub>22</sub> T.R. 1 <sup>21</sup> / <sub>22</sub> B.R. 2 <sup>3</sup> / <sub>4</sub> V.B. <sup>3</sup> / <sub>6</sub> Mun. <sup>3</sup> / <sub>6</sub> C.R. 1 <sup>3</sup> / <sub>22</sub>
N'indews are made 's narrower and 's," borter than window opening sizes shown below	2 1/.	Top 3 Lt. W.	Top 4 Lt. W.	4 Lt. H.	Top 6 Li.	Top 8 Li.	12 Lt.	16 Lt.
1-8x3- 2	16x16			16x 73/4				
3-10	20	******		93/4				
4- 6	24			113/4				
2-0x2-10	20x14	6 1/2x14		20x63/4	6 1/2x 7			
3-2	16	16		73/4	8		621/2x 8	
3- 6	18	18		8 3/4	9		9	
3-10	20	20		93/4	10		10	
4-2	22	22		103/4	11		11	
4- 6	24	24		113/4	12		12	
4-10	26	26		123/4	13		13	
5-2	28	28		133/4	14		14	
2-4x2-10	24x14	727/2x14		24x 63/4	727/2× 7			
3-2	16	16		73/4	8		8x 8	
3- 6	18	18		83/4	9		9	
3-10	20	20		93/4	10		10	
4-2	22	22		103/4	11		11	
4- 6	24	24		113/4	12		12	
4-10	26	26		123/4	13		13	
5- 2	28	28		1334	14		14	
2-8x2-10	28x14	9 5/2×14		28x 63/4	9 %2x 7			******
3- 2	16	16		73/4	8			
3- 6	18	18		83/4	9			
3-10	20	20		93/4	10		911/mx10	******
4- 2	22	22		103/4	11			
4- 6	24	24			12		12	
4-10	26	26		113/4	13	******	13	
5- 2	28	. 28		133/4	14		14	******
3-0x2-10	32x14		713/16x14					
3-0x2-10 3-10	20		20	32x 63/4	******	713/6x 7 10		7136-10
4- 6	20		24	1134		10		713/16×10
4-10	26		26	123/4		13		14
5- 2 3-4×4- 6	26 36x24	******	813/16x24	36x113/4	******	14 813/4x12		813/16×12
	-		-			-		
4-10	26		26	123/4		13		13
5- 2	28		28	133/4		14	* * * * * * *	14
3-8x4- 6	40x24	******	913/16×24	40x113/4		9 <sup>13</sup> /16×12	******	913/16×12

#### OTHER DESIGNS and SIZES of STOCK WINDOWS and SASH AVAILABLE

No attempt has been made in this catalogue to illustrate or list all of the designs and sizes of Ponderosa Pine Stock Windows and Sash that are available. On this and the following page are shown those that are most popular. For a complete listing of all standard sizes and designs, including one light sash, transoms and porch sash, write The National Woodwork Manufacturers Association. .



#### Give your kitchens extra Sales Appeal with stove splash panels of Carrara<sup>®</sup> Structural Glass

The gleaming, impervious beauty of Carrara Structural Glass makes its use especially suitable here. Carrara is completely unaffected by grease or food acids; it can't absorb odors and it wipes clean easily. You'll find that many homemakers appreciate the wall protection of a Carrara Stove Panel.

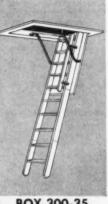
PITTSBURGH PLATE GLASS COMPANY



Well known for easy attic access and handsome, modern appearance. Disappear completely. Smooth action and balanced controls, no counterweights. Premium materials used for sturdiest construction. Packaged complete and ready to install.

- MODEL 18 AND MODEL 178folding stairways.
- For rough opening 26"x54"; ceiling height 7' to 9'. MODEL 22—heavy duty, folding
- stairway. For rough opening 30"x62"; ceiling height 7' to 10'.
- ing height 7' to 10'. MODEL 20—sliding stairway. A low cost unit for finished
- A low cost unit for finished opening 24"x36"; maximum floor to floor height 9'. MODEL 15—economy ladder.
- For any opening 18" or wider; maximum floor to floor height 9'2"; particularly adaptable for installation in older homes; requires no alteration for the existing attic scuttle hole.



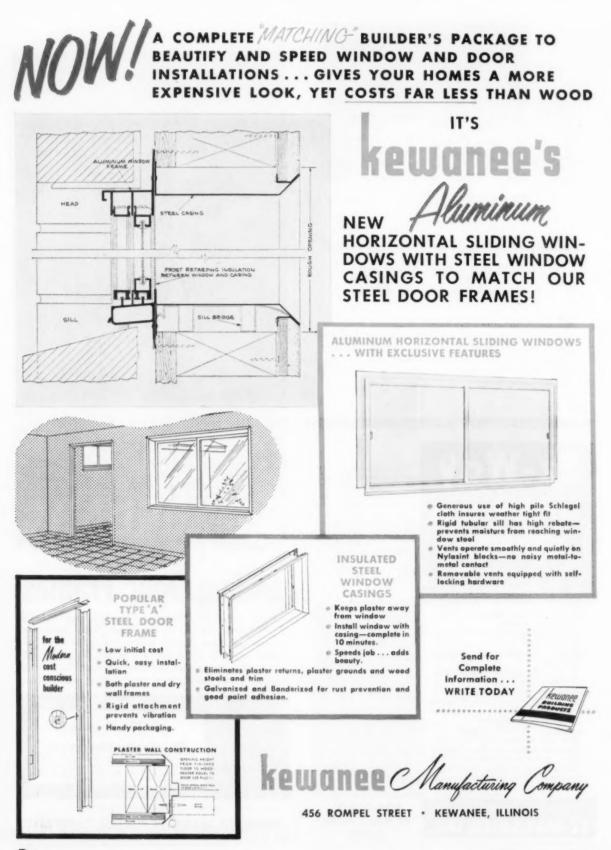


BOX 300-35, ST. PAUL PARK, MINN.



180 WEST ALAMEDA AVENUE + BURBANK, CALIFORNIA

**B**19



**B**20

AMERICAN BUILDER



Think what you can do for dressers, built-in desks, kitchen units, and other functional storage space. Channels in all sides of these drawers allow for easy compartmenting.



Drawers are shipped completely finished, no sanding, no cutting, While handles and pulls can be easily added, in this installation the frame of the cabinet was notched to provide a finger hold.

## Molded phenolic drawers, ready to use, give you

# More for your money!

 $\dots$  so you can offer your customers more for theirs. More in appeal, convenience and performance. And, for you – at *actual savings in cost* over quality drawers of conventional construction! It holds true for new homes and remodeling just as much as it did for this drugstore installation pictured here.

Drawers molded of BAKELITE Phenolic Plastic are rigid and warp-free. The one-piece construction features rounded corners for easy cleaning, built-in runners and center guides to assure smooth, non-sticking operation. Durable phenolic is unaffected by moisture, water, most chemicals or cleansers. The glossy surfaces clean easily with the wipe of a damp cloth.

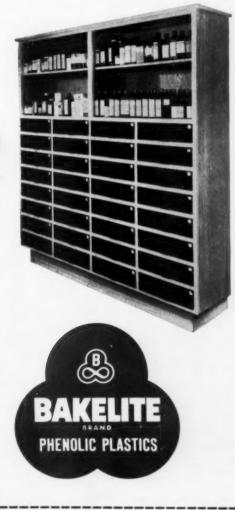
Your own imagination is the only limit to the number of ways you can put these drawers to work pleasing customers. Send the coupon today for further information and names of manufacturers.

These drawers were molded by **Boonton Molding Co.**, Boonton, N. J., for Monticello Laboratories, Monticello, N. Y.

#### BAKELITE COMPANY,

A Division of Union Carbide and Carbon Corporation UCS 30 East 42nd Street, New York 17, N. Y.

The term BAKELITE and the Trefoil Symbol are registered trade-marks of UCC



BAKELITE COMPANY, Dept. OE-5	
A Division of Union Carbide and Carbon Corporation	
30 East 42nd Street, New York 17, N. Y.	
Please send me information on variety of sizes of dray	vei

ricase send me information (			
of BAKELITE Brand Phenolic	<b>Plastics</b> and	names of	manufacturers
who can supply them.			

Zone

Correct.	 
Company	 
Address	 

City\_\_\_\_

\_\_\_State\_\_\_

PUT YOUR BEST FOOT FORWARD

on the homes you build

DOORS

PERMANENCE

For:

QUALITY

Capitol Aluminum Combination Doors give the homes you build that extra buy-appeal ... appeal that helps you sell your homes to today's "harder-to-sell" home buyer. Capitol Doors are products of the world's largest exclusive manufacturer of aluminum combination doors ... in a complete range of models to suit every style of architecture.

BEAUTY

Capitol Doors feature outstanding beauty and quality your customer can see at once, here's sales appeal he can see from the sidewalk . . . before he enters the house. That's why Capitol Doors sell on sight . . . make every home more attractive and easier to sell.

Send for complete information on Capitol Doors today. They're engineered for permanent, troublefree installation, produced to give the homes you build that extra eye-appeal at the lowest possible price.

Capitol World's Largest Manufacturer of Quality-Tested Aluminum Combination Doors.

Install

Capito

MAIL THIS COUPON TODAY

#### CAPITOL PRODUCTS CORPORATION Mechanicsburg 27, Pennsylvania

May I have complete information and details on how Capital Doors can make the homes I build easier to sell.

Name\_\_\_\_\_ Company\_

Address

City

State



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**B**23



## Your first "in" on a sale

An Atlas Plywood flush door is an indication of a quality home and the first step to a sign of "sold".

Home buyers recognize the beauty and dependability of Atlas Plywood flush doors. They've seen them advertised in Better Homes and Gardens. An Atlas Jywood flush door quickly suggests a well-built home throughout.

As versatile as they are beautiful, Atlas Plywood flush doors are easy to finish, easy to hang. An Atlas Plywood flush door will continue to boast of your good judgment and your customer's good taste.

This dependable beauty is guaranteed.

Atlas Plywood flush doors are quality controlled in every step of manufacture from American forest to finished product — your customer's assurance of lasting satisfaction . . . your assurance of profitbuilding good will. Available for homes, offices and buildings in solid or hollow core and in popular woods and grades. For complete details, send for free color folder. Write Dept. AB-8, 1432 Statler Bldg., Boston 16, Massachusetts.





AMERICAN BUILDER

**B**<sub>24</sub>

# BUILDER Reference

#### CLOSET LINING

This pocket-size circular offers information on floor areas for closets and other storage spaces. Specification data on firm's cedar closet lining.— Geo. C. Brown & Co.

Circle No. 46 on reply card Section 6

#### CLOSET LINING

Folder describes advantages and gives specifications on firm's packaged cedar closet lining.—Giles & Kendall.

Circle No. 47 on reply card Section 6

#### DISAPPEARING STAIRS

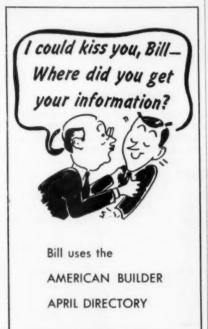
Brochure describes firm's complete line of disappearing stairs and ladders. Clearance dimensions and installation data for proper selection of stair type.—EZ-Way Sales, Inc.

Circle No. 48 on reply card Section 6

#### DISAPPEARING STAIRWAYS

Seven models of wood retracting stairways are shown in this 4-page folder. When not in use, stairs are entirely concealed. Dimension tables are included.—Bessler Disappearing Stairway Co.

Circle No. 49 on reply card Section 6





## PROVEN SIGNS OF QUALITY

## And Proven **Profit Makers for**

#### Dealer and Builder

Builders have found that it pays to stick with nationally known, quality products. Homes with such products (like R.O.W windows) sell faster-with a better margin of profit-and they "stay sold" longer.

All three R.O.W windows are easy to clean from inside the home. All three types are available in a range of conventional and contemporary styles and sizes to provide either privacy or full view. depending upon requirements. R.O.W Double-Hung and Gliding sash lift out entirely for easy cleaning or painting.

#### R.O.W SALES COMPANY

1327 Academy, Ferndale 20, Mich.

AURE-LOK AW DOD WIND

#### AWNING

This new SURE-LOK unit is now being manufactured by several R.O.W distributors. Styling blends particularly well with the long, low lines of contemporary design.

BAMA IW DISTRIBUTORS ocky Nount, Virginia

- ONA M. COBB COMPARY Angeles & San Diego, California MSAS MTRAL RO-W DIST. OF ABKANSAS Th Little Rock, Arkanses
- a Little House, ORNIA I COBB COMPANY 4-reales & San Diogo, California

- Purchar community of the second secon RIDA E ANDERSON MFG. CO., INC. redenton, Florida W DISTRIBUTORS beky Moont, Virginia

B26

AUTHORIZED R.O.W DISTRIBUTORS

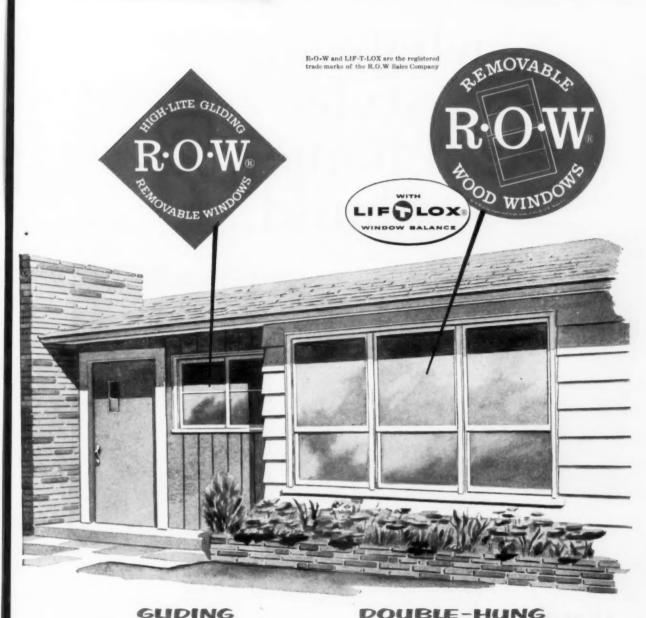
GEORGIA MW DISTRIBUTORS Rocky Mount, Virginia HDAHO JOHNSON BROS. PLANING MILL CO. Idaho Fails, Idaho MORRISON MERRILL & CO. Boixe, Idaho Bolie, rosme RLIMOIS V. E. ANDERSON MFG. CO., IWC. Owensborg, Kentucky IMSE Schulzing SASH & DOOR CO. ER. Louis, Missouri Re-Gew WINDOW COMPANY Jobet, Illinois Jolet, Innus INDIANA V. E. ANDERSON MFG. CO., INC. Owensboro, Kentucky Re-OW WINDOW COMPANY Jolet, Illinois STENGEL, SASH & DOOR COMPANY Clocinati, Ohio

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KANSAS MARTIN MATERIAL COMPANY Kanas City, Missouri KENTUCKY V. E. ANDERSON MFG. CO., INC. Owensboro, Kentucky STENGEL SASH & DOOR COMPANY Citocinati, Ohio Cincinnati, Ohie COUSIANA DUXIE LUMBER COMPANY New Offens, Lesisiana MAINE WOODGO CORPORATION Noth Bergen, New Jarvey MAYVLAND DEALERS' WAREHOUSE SUP CO., INC. Builinnor, Margfood MASSACHUSETTS WOODCO CORPORATION WOODCO Lowell, Ma LOWH, MRSSECHUSING, MICHICIAN FLINT SASH & DOOR COMPANY Flint & Sagnaw, Michigan PORTER-RADLEY COMPANY Grand Ragids, Michigan ROYAL ORK WHOLESALE COMPANY ROYAL ORK WHOLESALE COMPANY Royal Oak, Michigan

MINNESOTA ANDREW A KINDEM & SONS, INC. MIGROURE MISSOURE MISSOURE MARTINE MATERIAL COMPANY MARTIN MATERIAL COMPANY MARTIN MATERIAL COMPANY MONTANA MONTANA MISSOURI M WESTERN BUILDERS Billing, Montaña Wedre XI Densk, Rottaña THE SOTHBAR COMPARY Ornas, Rottaña THE SOTHBAR COMPARY FUEL SOTHBAR COMPARY WORD CORPORATION North Borgen, Rear Jones Month Borgen, Rear Jones

AMERICAN BUILDER



#### GUDING

R.O.W High-Lite windows are available either for high-wall placement (to achieve both privacy and a saving of wall space) or as large operating windows providing view, ventilation and weather protection.

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NEW MEXICO LUMBER DEALERS, INC. Denver, Colorado NEW YORK WOODCO CORPORATION North Bergen, New Jersey A Scheneckay, New York THE WHITMER-JACKSON CO., INC. Bufalo & Robeston, New York

MORTH CAROLINA DALTON-BUNDY LUMBER CO., INC. Noriola, Virginia MILLER MILL WORK CORPORATION Charlotte, North Carolina MW DISTRIBUTORS Rocky Mount, Virginia

NORTH DAKOTA JACK R. KINNARD & CO. Minot, North Dakota

OMIO FABROW MEG., INC. Toledo, Ohio THE MAHONEY SASH & DOOR CO. Canton & Youngstown, Ohio STENGEL SASH & DOOR COMPANY

Available with the exclusive LIF-T-LOX balance which does not interfere with easy, instant removal of sash—is not even attached to the sash. Another R.O.W first.

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IN JOINTE JADATE & UDDR COM Spolane, Washington PENNSYL VANIA ADDLIMAR LUMBER-OURPANY ADDLIMAR LUMBER-OURPANY MW DISTRIBUTORS Rachy Mount, Virigina RMODE ISLAND WOODCO CORPORATION North Bergen, New Jersey SOUTH CAROLINAS Rocky Mount, Virigina SOUTH CAROLINAS Rocky Mount, Virigina SOUTH DAKOTA WATERTOWN SASH & DOOR CO. Watertown, South Dakota Watercown, South Dance TENNESSEE V. E. ANDERSON MFG. CO., INC. Owensboro, Kentucky Mw DISTRIBUTORS Rocky Mount, Virginia

# whatever style of home you build...

# there's a **KENTILE, INC. FLOOR** to fit your need

RANCH

SPLIT LEVEL

Whether you specialize in low-cost development homes or high-income-bracket dwellings there's a resilient tile floor by Kentile, Inc. to add sales-appealing style and color to every room. Each of 6 flooring types and 10 styles from rich cork and vinyl to low-cost asphalt tile offers thrift-conscious builders a selection of gauges that often enable him to style-up homes and still keep neatly within his building budget. Best to consult your Kentile, Inc. Flooring Contractor early in the planning stage...it's amazing how the right flooring choice helps sell those homes you build.

KENTILE, INC. America's largest manufacturer of resilient floor tile COPYRIGHT 1956 KENTILE, INC., 56 2ND AVE., BROOKLYN 15, N.Y. MAKERS OF KENTILE \* KENCORK \* KENRUBBER \* KENFLEX \* KENFLOR \* KENROYAL

2 STORY



#### MODULAR



#### ... fit each other ... fit all building materials

Protect yourself against varying "fit" and quality by specifying USF Modular metal doors and frames that fit each other and fit all modular building materials.

USF Doors and Frames are *engineered* to an exact standard and produced on a million dollars worth of precision equipment that guarantees constant accuracy and quality.

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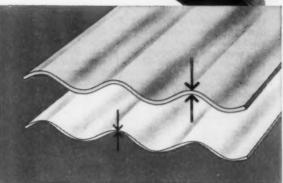


## UNIFORMITY makes a big difference in Fiberglas-Plastic Panels

FILON PANELS ARE BY FAR THE MOST UNIFORM . WITH GREATER STRENGTH AND DURABILITY. The parallel nylon strands (as shown in the magnified circle) are an exclusive FILON feature to control a uniform dispersion of Fiberglas and to add considerably to the strength and rigidity of FILON panels.



FILON'S UNIQUE MANUFACTURING PROCESS. High standards of quality are the result of extensive research for better raw materials and methods of production. FILON is produced in continuous lengths by a fully automatic electronically controlled system in the world's largest plant devoted exclusively to the manufacture of Fiberglas-Plastic panels.



UNIFORM THICKNESS FOR MAXIMUM DURABILITY. FILON'S uniform thickness prevents premature failures at fastening points. Moreover, the uniform density in color will create the most even lighting effects. FILON'S uniformity of thickness and color dispersion assures greater durability and better diffusion of light.



FILON HAS MUCH HIGHER LOAD CAPACITY THAN REQUIRED BY STANDARDS OF THE INDUSTRY. Shown above is a 26" wide FILON

UNIFORM CORRUGATIONS FOR BETTER FIT. A good nesting overlap is obviously essential for a tight, waterproof fit. Rigid standards of corrugation tolerances for FILON panels give maximum assurance of satisfactory nesting and overlaps.

type 250 panel over a 4' span supporting a static load of 1820 lbs .equivalent to 210 lbs. per sq. ft. Compare this with the 100 lbs. per sq. ft. required by industry standards.

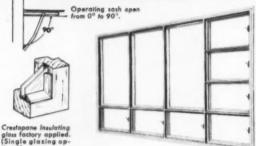
FOR FREE ILLUSTRATED BROCHURES containing all technical data, ideas and detailed drawings, write to Architectural Dept. of our Regional Sales Offices or consult the "Yellow Pages" under the heading "Plastic Materials" for nearest Distributor.



2051 East Maple Ave., El Segundo, California 270 Park Avenue, New York 17, New York 228 North LaSalle Street, Chicago 1, Illinois 55 Marietta Street, N.W., Atlanta 3, Georgia

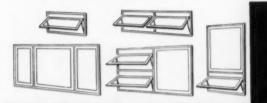
DISTRIBUTORS AND DEALERS WITH WAREHOUSE STOCKS COAST TO COAST, CANADA AND MANY OTHER FOREIGN COUNTRIES

## **STACKING AWNING UNITS**



glass factory applied. (Single glazing op-

Unlimited window variety! Roto-operated sash open 90° for full view and ventilation. Narrowest mullion on market. Continuous bronze compression weatherstrip. Concealed hardware. Screen and roto-operator standard with all ventilation units. Crestopane double insulating glass in every unit. (Single glazing optional.) 3 vent and 6 fixed sizes. Featured in Sweet's Catalog!



#### REMOVABLE SLIDEBY WINDOW UNITS



The new look in windows! Sash slide smoothly in extruded aluminum tracks, remove instantly for indoor cleaning or more ventilation. Alumaflex weatherstrip in head insures climate compensation, easy removal. 17 sizes available in popular styles.





For that luxury look in windows! Fully weatherstripped. with roto-operators, aluminum screens and Crestopane insulating glass factory installed. Durable, smoothoperating hardware exclusively designed by Crestline. Available in a popular assortment of sizes!

See your dealer or write THE SILCREST COMPANY, Dept. AB, WAUSAU, WISCONSIN

SOUD CORE FLUSH DOORS, LOUVER DOORS, ALUMINUM COMBINATION DOORS, PANEL AND SASH DOORS, WEATHERSTRIPPED DOOR FRAMES, PACKAGED TRIM



APPROVED

AMERICAN BUILDER



A new standard in double-hung performance! Both sash remove and replace easily. Fully counter-balanced and weatherstripped. Climate compensating Alumaflex weatherstrip on left jamb. Automatic sash engager clip. Flat overhead balance with unbreakable steel cable, lowers head room. 2, 4, 12 lite and cottage styles in all popular sizes.

restlin

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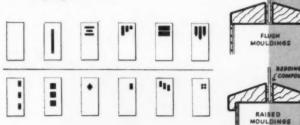
WINDOWS

none better to build with or to sell

NEW CASEMENT UNITS

#### SOLID CORE FLUSH DOORS

Meet highest architectural requirements! Solid block Ponderosa pine cores are kiln dried to insure proper moisture content. High quality glue is cured under hot plate pressure for weatherproofing. Each door individually belt sanded. Available in variety of domestic and imported woods, including Birch. Oak and Pine. Furnished to your specifications up to 3'6" x 8'0". Thickness as required. Great variety of lite styling.



DOORS

none better to build with or to sell



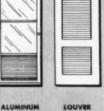
#### NEW WEATHERSTRIPPED DOOR FRAMES

Completel

on both with

PANEL AND COMBINATION AIL NWMA

APRIL 1956



restlin

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LOUVER New curv stiles

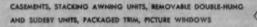
Put an end to costly weatherstripping! Aluminum weatherstrip is factory-applied to rabbet of head and side jambs. Interlocking hook strip provided for attachment to bottom of door for weathertightness at threshold! Pine sill reinforced with fluted and barbed aluminum extruded strips. Costs less than oak, lasts longer, looks better! Frames fit all standard openings up to and including 3'0" x 7'0".

() to r) Interlacking hook strip. Pine sill reinforced with aluminum ex-truded strips, the jamb and head, showing aluminum weatherstrip factory-applied



Factory-applied read and jar with locking strip for

See your dealer or write THE SILCREST COMPANY, Dept. AB, WAUSAU, WISCONSIN







For Hardwood Floors of Traditional Beauty

At Their Best

One reason 85 per cent of all home owners prefer oak floors, is oak's unique adaptability to favored decorative schemes. This versatility is strikingly evident in modern motifs which employ liberal expanses of bare floors set off by accent rugs.

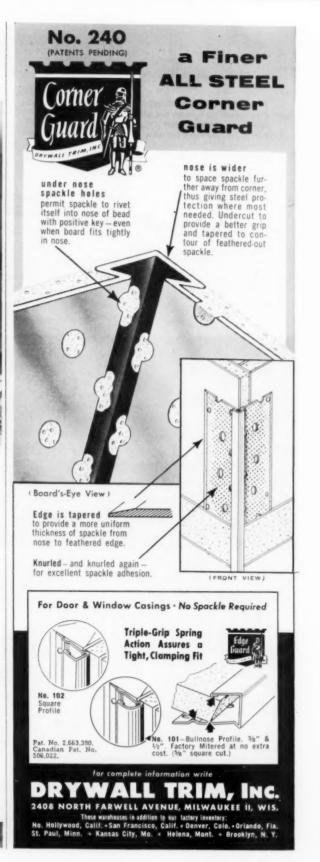
For these exposed surfaces, Royal Oak Flooring provides the paramount essential... original fine texture, retained and protected by skillful seasoning that assures complete affinity for penetrating finishes so important in bringing out the full beauty, flower and dignity of oak.

With these qualities matched by refinements in design and manufacture that assure mirror smoothness, Royal Oak Flooring affords you dependable, premium quality for every specification.

Endorsed by Crossett's registered Trade-Mark and clearly labeled for grade, Royal Oak Flooring supplies you with the best for the best. For further information, address:

Constant betterment through research.





that's all it takes to adjust against Rattles, Sticking, and Drafts

#### WHY GIVE YOUR CUSTOMERS LESS?

3

humb &

INDOWS

The adjusting device in A.R.B. Wood Windows operates so easily because the "micrometer" adjustment *floats* in its own housing. The adjusting screws turn in *metal* threads — so the easy adjustment stays easy.

With A.R.B. metals, you can supply modular wood windows (doublehung and glider) that are quick-lift-out, fully adjustable against rattles, sticking, and drafts, and "Finger Lift" balanced (double-hung only). What's more, they are priced so they win buyers. More than a million and a half have been installed, in just 5 years.

NDOW SALES COMPANY

Detroit 3, Michigan

Lumber Dealers, or

19433 John R Street



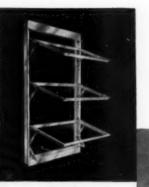


"WARE-TITE" GLASS JALOUSIES AND DOORS You will agree by test and by comparison"Ware-Tite" is the tightest closing jalousie. Completely weatherstrippedfloating stainless steel weather cushion at jambs; neoprene at head and sill. Specially designed travel bar equalizes leverage, sealing louvers. New Sure-Lock spring clip holds glass firmly. 120° opening range for easy cleaning and increased air flow. Space saver-KD packing enables saving in transportation and storage. Quick assembly-only 8 screws. Adjustable-widths can be reduced at job site for exact opening. Heavy-duty crank operator. Sturdy construction, deep frame 31/8". Standard Metal Window Institute sizes-special sizes available on request. PRIME WINDOWS-BREEZEWAYS-PORCHES



#### RESIDENTIAL CASEMENTS

The window with the 'earned'' reputation. COMPARE; DESIGN - DIMENSIONS Deeper sections 1 3/32"; Wider Faces 31/32"; For strength-3/16' ventilator web. Wide double contact weathering surfaces. Putty retaining serrations-water tight lip. Complete accessories-Mullions-Hardware-Screens. Storm Sash interchangeable with screens. Smooth precision welded corners Chemically cleaned for beauty. Lacouered per FHA specifications. PICTURE WINDOWS-FIXED-BASEMENTS-BOTTOM VENTILATORS BULLSEYE-SUNBURST-HOPPERS 67 Standard and Modular Sizes.



#### WARE AWNING WINDOW Weatherstripped

.

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For residential, institutional and commercial construction. Weatherstripped by premium vinyl locked in extruded channel unexposed to weather. Operator concealed in sill no exposed gears—no field installation required. Smooth, sturdy CENTER SILL operator — a compound operator sealed and installed in sill at factory. Torsion resistant tubular sill. %" solid extruded aluminum

power bar. Ventilators of each window equal height and drop for easy inside cleaning. Snap-on glazing bead available. Wide overlap of weathering members. Min. outside at

jambs 5/16". Storm sash interchangeable with screens.

Standard and modular sizesspecial sizes on request.



#### NEW WARE-RITE AWNING WINDOW WEATHERSTRIPPED COMPETITIVELY PRICED

for small-budget housing, yet quality-made:

- Completely weatherstripped by premium vinyl locked in extruded channel, unexposed to weather.
- Wide overlap of weathering members. Min. outside at
- jamba 5/16".
- · Easy-to-clean ventilators have equal height and drop.
- Jamb-operated by heavy-duty premium operator.
  Engineered for simple, speedy installation.

Standard AWMA sizes available.

YOU can profit from this full line of proven quality windows —with prompt delivery assured by Ware's regional warehouses in HOUSTON, ATLANTA, NEWARK, and CHICAGO. Get all the facts by writing Dept. AB-4.

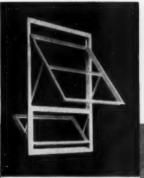


#### ECON-O-WARE AWNING Weatherstripped

-

America's economy awning window. FUNCTIONAL-PRACTICAL-TROUBLE FREE DISTINCTIVE FEATURES Underscreen operator-Complete screen protection. Positive locking-Selective ventilation. All-weather awning protection. Attractive horizontal sight lines. Sturdy flash-welded corners -stainless steel bushings. Seals tight with leverageventilators controlled at center permitting even weathering. Installation similar to casements-11/8" Z bar. Quality with economy. 12 stock operating sizes-12 stock Picture Window

and Fixed sizes.



#### 

For hospitals, schools, commercial and residential construction.

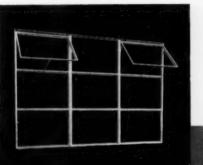
Selected weatheringoptional weatherstripping. Double glazing without adapters. Inside or outside glazing.

Rugged monumental construction. Adjustable friction shoe with pressure spring fully inclosed. Reinforced corners at pivot points.

Simplicity of design insures trouble-free life.

A superior window designed and built to meet today's exacting specifications.

Standard AWMA sizes available—special sizes on request.



#### ECON-O-WALL AWNING Weatherstripped

9 Standard windows-unlimited combinations

ECW Nos. 1110, \*11 3'-1 15/16"x 2'-1 15/16" ECW Nos. 1210, 1211, \*12 3'-1 15/16"x 4'-2¾" ECW Nos. 1310, 1311, 1312, \*13 3'-1 15/16"x 6'-3 9/16" \*11, 12 and 13 Fixed Windows

A modern window for modern living. Variable venting arrangements. Highly weatherproof—seals tight. Complete screen protection—underscreen operator. Positive lock—trouble-free performance.

Standard Thermopane or equal can be used throughout

Special glazing adapters not needed. More light-more ventilation-more beauty. Meets any building budget.

ALL Ware Windows of every type are chemically cleaned, etched and lacquered per FHA requirements. Storm sash available for all residential windows.

## proven value = more profit for you

Cuminum Windows



Ware Laboratories, Inc. 3700 N.W. 25th St., Miami, Florida



MEMBER OF THE ALUMINUM WINDOW MANUFACTURERS ASSOCIATION

APRIL 1956



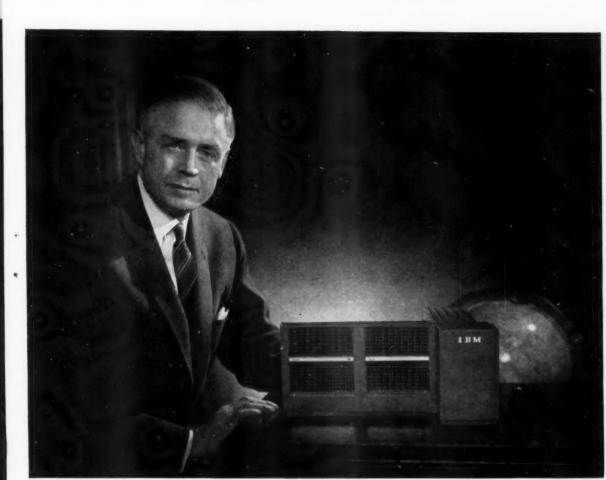
#### PATIOS ... YOUR BEST SALESMEN ...

Buying a home is buying a dream, and today's homebuyer dreams of new pleasures in outdoor living. Let the magic of an Alsynite translucent fiberglas patio add beauty and sparkle that will make your homes demand homes. Alsynite patios bestow the glamorous touch that makes your prospect say, "This is the home we've dreamed of!" Be sure you specify genuine Alsynite, the name homeowners everywhere know and trust. Only Alsynite offers:

COPR. 1956 ALSYNITE

FILTRON 25 for heat-blocking CHEMIGLAZE for longer wear SUPERIOR COLOR STABILITY

WRITE FOR FREE INFORMATION ON NEW '56 LINE ALSYNITE COMPANY OF AMERICA B40



THOMAS J. WATSON, JR.

Portrait by Fabian Bachrach

## "IBM was one of the first companies to ...."

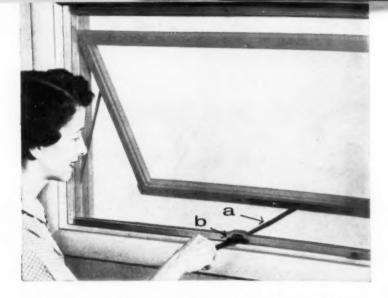
"I have always been proud of the fact that IBM was one of the first companies to put into effect the Payroll Savings Plan for the purchase of United States Savings Bonds, and I am delighted to see this patriotic endeavor continuing year by year and increasing throughout our organization. Today thousands of IBM employees, through their participation in the Plan, are helping their country and providing for the future of their families and themselves." THOMAS J. WATSON, JR., President International Business Machines Corporation If employee participation in *your* Payroll Savings Plan is less than 50%... or, if *your* employees do not now have the opportunity to build for their future through the systematic purchase of U.S. Savings Bonds ... a letter to: Savings Bonds Division, U.S. Treasury Department, Washington, D. C., will bring prompt assistance from your State Director. He will be glad to help you put on a person-to-person canvass that will put an application blank in the hands of every employee. This is all you have to do. Your men and women will do the rest, because they will welcome the opportunity to build for personal and national security.

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## AMERICAN BUILDER



new Andersen Flexivent® **Bar-Lock** insures tight closing in low-cost underscreen operation



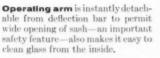
Strong, spring steel operator arm moves through housing, attaches to deflection bar anchored to sash bottom rail. Note arm is hinged in two places (a & b), permitting three open sash positions without extending into the room.

For the first time, the Andersen Bar-Lock Operator\* brings to the market a bar-type operator combining exceptional strength, weathertight sash closure, and operating convenience at low cost.

The secret of the Andersen operation lies in the exclusive deflection bar attached to the bottom rail of the sash, providing a favorable bow that causes the corners to close first. The operator arm is attached at the center of the deflection bar. Cam and lever action closes sash tightly with little effort and ejects it for easy opening.

Special aluminum screen furnished for use with Bar-Lock Operator is fitted snugly around housing, which has a flange to hold screen at the bottom. \*Patent pending.

12-inch Deflection Bar in place on sash bottom rail. Curve in bar deflects sash so corners close before center of sash.



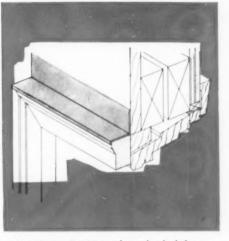


Strong zinc die cast housing is securely fastened to frame. Moulded nylon bushing with spring leaf provides smooth, quiet operation and protects against insects.



## new Seal-Trim provides easier, tighter installation of Andersen Flexivent<sup>®</sup> Window groups

Andersen Seal-Trim<sup>\*</sup> is a complete exterior trim package with casings, subsill, and flashing plus a vinyl scaling gasket. All parts are pre-cut and pre-fitted at the factory to assure exact fit for most standard Flexivent group installations. Pre-formed aluminum flashing "Patent Pending at the head, resilient vinyl gasket at the sides, and specially horned and milled subsill provide an easyto-install, highly weathertight joining with any type of wall. Treatment of wood parts with Andersen toxic, water repellent preservative assures long life.



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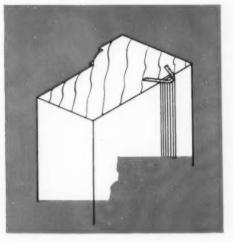
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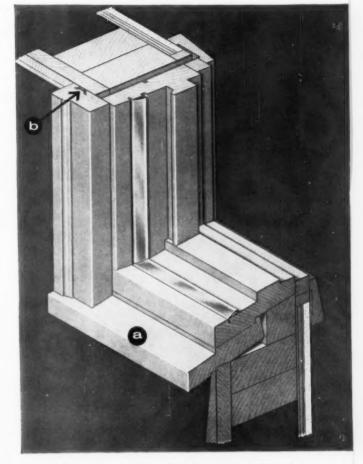
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Aluminum flashing, shown in shaded area is formed and cut to length at factory.



Vinyl gasket, shown in drawing dovetails into back face of exterior casing.



(a) Seal-Trim subsili is milled and horned for exact fit.
(b) Vinyl gasket compressed against sheathing forms weathertight seal.



PATIOS ... YOUR BEST SALESMEN ...

Buying a home is buying a dream, and today's homebuyer dreams of new pleasures in outdoor living. Let the magic of an Alsynite translucent fiberglas patio add beauty and sparkle that will make your homes demand homes. Alsynite patios bestow the glamorous touch that makes your prospect say, "This is the home we've dreamed of !" Be sure you specify genuine Alsynite, the name homeowners everywhere know and trust. Only Alsynite offers:

FILTRON 25 for heat-blocking CHEMIGLAZE for longer wear SUPERIOR COLOR STABILITY

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WRITE FOR FREE INFORMATION ON NEW '56 LINE ALSYNITE COMPANY OF AMERICA B40



THOMAS J. WATSON, JR.

### "IBM was one of the first companies to ...."

"I have always been proud of the fact that IBM was one of the first companies to put into effect the Payroll Savings Plan for the purchase of United States Savings Bonds, and I am delighted to see this patriotic endeavor continuing year by year and increasing throughout our organization. Today thousands of IBM employees, through their participation in the Plan, are helping their country and providing for the future of their families and themselves." THOMAS J. WATSON, JR., President International Business Machines Corporation

If employee participation in your Payroll Savings Plan is less than 50% ... or, if your employees do not now have the opportunity to build for their future through the systematic purchase of U.S. Savings Bonds . . . a letter to: Savings Bonds Division, U.S. Treasury Department, Washington, D. C., will bring prompt assistance from your State Director. He will be glad to help you put on a person-to-person canvass that will put an application blank in the hands of every employee. This is all you have to do. Your men and women will do the rest, because they will welcome the opportunity to build for personal and national security.

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AMERICAN BUILDER



2 new improvements boost sales appeal of versatile Andersen Flexivent<sup>®</sup> Windows

NEW...Bar-Lock operator

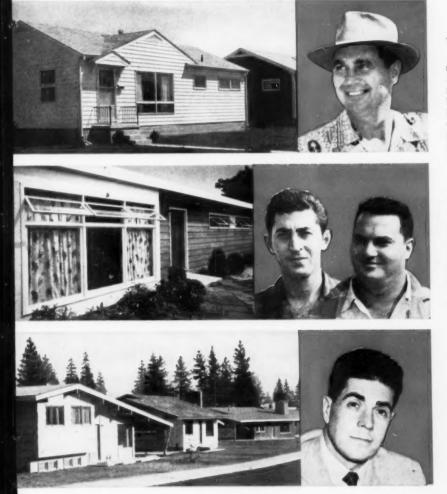
NEW...Seal-Trim pre-cut exterior trim

Turn page for full story on improvements to Flexivent . the window that's sold over 4 million units in 4 years

## builders say Flexivents® help sell homes...eliminate call-backs, speed building schedules

All over the country successful builders are now using Andersen Flexivent Units in homes they build for sale. Customer sales appeal combined with low cost, high quality and economy of installation has made the versatile Flexivent their first choice. Now, with the new BarLock Operator and new Seal-Trim. Andersen Flexivent Windows are a better window value and have more sales appeal than ever before!

Here are a few of the builders who say Andersen Flexivent Windows help sell homes.



#### "With Flexivent Windows, sales appeal is greater in our homes,"

savs F. A. Archer, president of F. A. Archer Company in Troy, Ohio, "We feel Andersen Flexivent Windows benefit us many ways. Ease of assembly speeds our building schedules. Our call-back problem has been eliminated. Appearance of homes is improved and sales appeal is greater."

#### "One of the reasons our homes sold so fast,"

say Eugene Farrow and Phillip Kallenberg, builders of Selden Country Estates, Selden, L. I., "Flexivent's top quality and low cost allowed us to give home-buyers added light and ventilation. We're sure this is one of the reasons our development sold so fast."

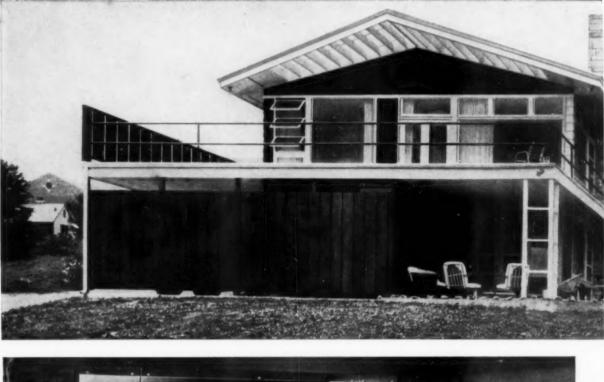
#### "Our salesmen report customer acceptance is excellent with Flexivents,"

says Gus J. Cozza, builder of Northwood Village in Spokane, Washington. "We have found use of Flexivents minimizes installation costs. In over 2500 units installed over the past two years, we have had to service only four units."



Complete WOOD window units MW ANDERSEN CORPORATION . BAYPORT, MINNESOTA

## How to put "visible value" in your





Fittee Glass are another feature which wall mikeows of ritteburgh Plate Glass are another feature which will do wonders in helping you sell your homes faster. A "wall of mirrors," like the one installed in this room, adds a luxury touch. Wall mirrors have the ability of making a small room look big. A narrow room, for example, will assume greater width. And anywhere in the home—in the living room, bedroom, entrance hall—the magic of mirrors gives a "worth more" feeling.



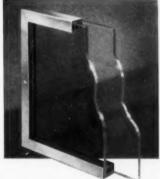
AMERICAN BUILDER

# homes with Pittsburgh Glass





BUILDERS ALL OVER THE COUNTRY have proved that the installation of Pittsburgh's Twindow®-the windowpane with insulation built in-helps to make their selling job much easier . . . more profitable. In fact, more and more home buyers are demanding this "world's finest insulating glass" in every room. They know that Twindow keeps rooms warmer in winter, cooler in summer . . . cuts heating and cooling costs . . . reduces window fogging and icing . . . provides the most convenient form of storm window insulation. In this home, Twindow was utilized effectively for all window openings. As shown in the cutaway here, Twindow units consist of two panes of Pittsburgh Plate Glass, with



a sealed-in air-space between, giving them their high insulating properties. The entire unit has a stainless steel frame—an exclusive Pittsburgh feature—which protects the seal and glass edges and makes handling quick, safe and easy. Architect: Charles E. Tilton, New York City, N.Y.

Every nickel you spend on glass shows. And the results far outweigh the cost.

**PITTSBURGH FULL-LENGTH DOOR MIRRORS**—in bedrooms, bathrooms, and entrance halls—impress prospective buyers. They spell real value. You'll find, as hundreds of other builders have discovered, that a few door mirrors in the homes you build help to get buyers' names on the dotted line. Here's a much-in-demand feature that's easy to put up and adds very little to the total cost. These door mirrors are available in five widths—16, 18, 20, 22, and 24<sup>--</sup> and a full 68<sup>--</sup> tall. They fit more than 90% of all interior millwork doors.

See Sweet's Builders Catalog for detailed information on Pittsburgh Plate Glass products. PAINTS · GLASS · CHEMICALS · BRUSHES · PLASTICS · FIBER GLASS

PL R U G н GLA CO R A Т S S M PA N

IN CANADA: CANADIAN PITTSBURGH INDUSTRIES LIMITED

APRIL 1956

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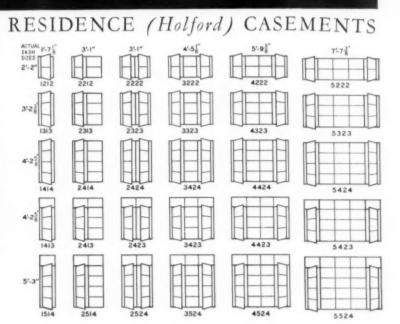
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## OPE'S Since 1818

STEEL WINDOWS HAVE THE STRENGTH AND RIGIDITY THAT NO OTHER WINDOW CAN MATCH



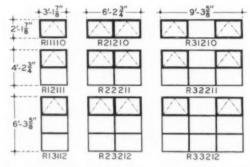
Hope's Combination Inside-Outside Metal Trim is installed as in the illustration below



HOPE'S COMBINATION INSIDE-OUTSIDE METAL TRIM is easily and quickly installed with all standard sizes of Hope's Steel Casements. Trim fits into rough openings; no finished carpentry is required, either inside or out. Only a few minutes are needed for assembling at the warehouse or on the job.

HOPE'S STEEL CASEMENTS (standard sizes shown in above diagram) provide a variety of sizes and ventilator combinations that complement any type of architecture; readily fit any kind of construction. No other window can equal the strength and durability of steel.

#### HOPE'S ROTO TYPE RANCH WINDOWS



Hope's New Roto Ranch Windows have wide (1¼") muntins in proper proportion to panes. They provide great rigidity and har-monize with residential construction. Awning type ventilators open and close easily, quickly. Die-cast underscreen roto operator has extension arm of stainless steel fitted with a bronze shoe.



New flat-type fixed screens need never be touched. No fussing with wickets. Glazing may be standard units of "Thermopane", "Twindow" (to eliminate storm sash) or single panes, sheet or plate glass. No other Ranch Window in the same price range possesses all these features . . . and Hope's prices are low.

For Full Information on Hope's Residence Casements and New Roto Ranch Windows, Write



## more than a floor

#### HIGGINS OAK BLOCK FLOORING MAKES ITSELF AT HOME ANYWHERE!

People are using Higgins Oak Block on walls and in many other decorative applications—when you see the unusual warm beauty of its graining and color you just can't help thinking of other ways to use it than as flooring.

It's still the most durable wood flooring you can buy, bonded under great pressure and intense heat, with a thicker, tougher, wax-treated wearing surface that can withstand many times the impact and abrasion it will ever receive in a home.

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On the floor, on the ceiling, on the wall, anywhere — it's easy to install over any structural base, and the factory prefinish means it's ready for use as soon as it's in place. (Also available unfinished for custom finishing after installation.) Easy to care for and sensibly priced, it will wear a lifetime.



IN THIS modern room the cheery golden welcome of the Higgins Block floor has been carried up into wainscoting whose blocks are set diagonally for added textural interest. The upper part of the wall is Higgins Gnarled Oak paneling. AT LEFT, Higgins Block flooring shows its versatility by harmonizing handsomely with traditional furnishings and accessories—the floor, as attractive as it is, is practical in any interior, in any climate.

#### THE TREND IS TO HIGGINS BLOCK BECAUSE:

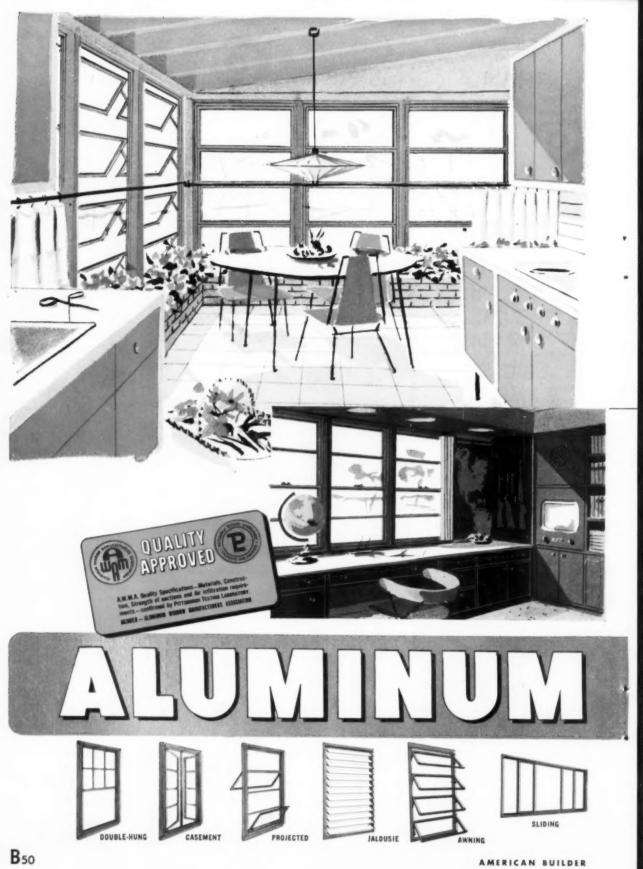
- New precision tongue and groove assures rapid installation
- The ONLY Hardwood floor completely practical on concrete
- 9" x 9" oak hardwood blocks—easy to install
- Extra thick selected oak face—quiet and comfortable
- Toxic treated—vermin resistant, termite resistant, rot resistant
- Can be nailed over subflooring laid in adhehesive on concrete slab or applied over any subfloor



MANUFACTURERS OF LAMINATED NARDWOOD BLOCK FLOORING

The wood made world famous in Higgins hardwood-hulled fighting craft





# SIGN OF QUALITY

### where home buyers can see it!

Nothing indicates quality construction to a home buyer as quickly and as surely as do "Quality-Approved" aluminum windows.

Whether your prospect first sees the aluminum windows from the outside as he is passing by, or from the inside as he looks around, here is visible evidence that quality building products have been used.

Customer surveys show that home buyers prefer these modern aluminum windows that cannot rot or rust ... that never need painting ... that always operate easily, effortlessly, efficiently...that remain up-to-date and beautiful for the life of the home.

You can cash in on this growing demand for quality products by featuring "Quality-Approved" aluminum windows in all your new houses. Your customers, as well as your mortgage financing agency, will appreciate it too if you include screens and storm sash as part of a complete single package mortgage.

To make sure you get good quality aluminum windows-designed and constructed in accordance with recognized quality standards-insist on windows with the "Quality-Approved" Seal. They are available through many manufacturers in all sizes and styles (double-hung, casement, awning, projected, sliding and jalousie). All are tested against rigid performance standards. All are APPROVED for quality of materials, for strength of sections, for sound construction, and for low air infiltration.

For additional information consult Sweet's or any of the manufacturers listed below, or write direct to Dept. AB-564.



Aluminum Window Manufacturers Association

#### 75 West Street, New York 6, N.Y.

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## For eye appeal plus sales appeal...

INLAID LINOLEUM

in new decorator colors

1730 BEIGE. accented with coral, green and brown

Popularity of the famous "Sequin" design grows by leaps and bounds. It can help you sell your homes faster. Home buyers are drawn to its full range of 16 beautiful colors-appreciate such "Sequin" advantages as...design inlaid clear through to the exclusive Gold Seal SuperFlex\* backing...colors remain fresh and clear through years of wear ... it stays smooth and resists indentations, unusually easy to clean!

With 18,000,000 magazine readers currently seeing the newest "Sequin" colors shown here, it will pay you to call your Gold Seal dealer today for the complete facts on "Sequin" Inlaid Linoleum.

T718 YELLOW, accented with white and vellow

1720 PINK. accented with rose and white



SPECIFICATIONS: Standard Gauge and 1/4" "Sequin"-Install over suspended concrete or suspended wood subfloors— standard gauge—16 colors. 1/2" "Sequin"—burlap backed—7 colors.



**ABRASIVE WHEEL TEST PROVES SEQUIN\*** "LOOKS LIKE NEW" THROUGH LONG SERVICE LIFE!

The circular "After Test" area is the result of polying the abrasive wheel to the "Sequin" sample. See how it has worn well See how it has worn well through the lineleum—and et the pattern is still there, is clear and sharp as even Compare it with the "Before Test" area. You can't tell the difference! Write to Customers' Service Departme NI



FOR HOME OR BUSINESS: INLAID BY THE YARD-Linoleum . Nairon\* Standard . Nairontop\*

RESILIENT TILES-Rubber • Cork • Nairon Custom • Nairon Standard • Vinylbest • Linoleum • Ranchtile® Linoleum • Asphalt PRINTED FLOOR AND WALL COVERINGS-Congoleum® and Congowall® C 1956 CONGOLEUM-NAIRN INC. KEARNY, N. J. RUGS AND BROADLOOM-LoomWeve\*

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Regal Heights Houses, Charlotte, N. C.

14

Lupton Windows

for

quality and

price



Price is important, and you can meet it with a Lupton Window .... but it's hard to put a dollar and cents value on all you and your buyers get when you install Lupton Metal Windows.

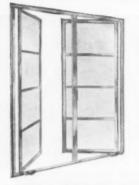
There's visual quality in construction and finish. There's beauty. There's sound design and rugged construction. There's variety casements, double-hung, ranch and jalousie windows — to make it easy to select the "right" windows for the house. There's saving in time and money through quick, simple installation. There's prompt delivery from East and West Coast warehouses. There's satisfaction in buying, and selling a "name" respected for fifty years.

Ask your dealer, or nearest Lupton representative for prices, styles and sizes.

MICHAEL FLYNN MANUFACTURING COMPANY Main Office and Plant: 700 East Godfrey Avenue, Philadelphia 24, Pa. New York Office: 51 East 42nd Street, New York 17, N. Y. Warehouse and Sales: 1441 Fremont Street, Stockton, Calif. Warehouse and Sales: 2009 East 25th Street, Los Angeles, Calif.



SEE FOLLOWING PAGES FOR DETAILS AND LIST OF DISTRIBUTORS AND REPRESENTATIVES .



#### LUPTON RESIDENTIAL METAL CASEMENT . . .

The age-old beauty and charm of the casement in sturdy metal. Available in steel or never-needs-paint aluminum. Worm gear operator insures tight closing, easy operation. Extended hinges help provide ventilation regardless of the direction of the breeze, and permits all glass cleaning from within the room. All standard sizes. Screens and storm panels, that clip on the inside, are optional at extra cost.



#### LUPTON ALUMINUM DOUBLE-HUNG WINDOW ...

A modern window with all the old advantages of double-hung, plus additional features that only aluminum could give. Designed for quick, easy installation. Frames interlock at mullions, no extra pieces required. Completely concealed, easily adjustable balances. Stainless steel weatherstripping. Available in all standard sizes, with screens and storm panels optional at extra cost.



Emphasize the horizontal look. Shed rain, make it possible to keep window open in all weather. Offered in a variety of sizes, from a single ventilator to large windows in combination of fixed and ventilating sash. Window operation is extremely simple, locking tight. Screens and storm panels, to fasten on the inside, are available at extra cost.

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#### M·F ALUMINUM JALOUSIE WINDOW . . .

Makes porches into rooms without loss of any air. Screens and storm panels, fastened on the inside, are available at extra cost . . . make Lupton Jalousies practical for any climate, 20 stock sizes, or Jalousies can be made any width up to 37" and from 4 to 26 louvres in height. Wider windows are made by joining two or more units together. Installation is simple and easy. Shipped knocked-down, without glass. Glass louvres clip into place easily.



# Where to Buy LUPTON Windows

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LUPTON

PRODUCTS

INCLUDE:

Lupton Master Aluminum Projected Windows

Steel Architectural

**Projected Windows** 

Steel Commercial

Projected and

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Windows for

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Basement and

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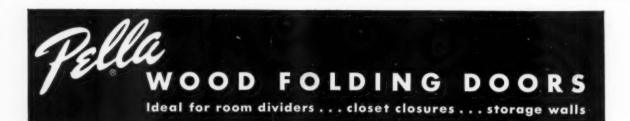
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KANSAS CITY (Herb W. George) 9209 Cherry St. Kansas City 5, Mo. CINCINNATI De Sales Building 1620 Madison Road Cincinnati 6, Ohio



APRIL 1956 00 17

2



**CONCEALED TRACK**—Track at the top is concealed. Beveled matching wood mould, drilled and complete with screws, is furnished with each PELLA WOOD FOLDING DOOR. There is no exposed hardware to mar the beauty of PELLA DOORS, when open or closed.

**HANGERS**—Free-riding nylon rollers and hangers attached to every other panel provide easy gliding action to PELLA DOORS. No adjustment is required to insure proper fit and good operation even in slightly out-of-plumb door frames.

LATCH IS STANDARD EQUIPMENT—Patented spring-type latch and matching wood handle are standard equipment supplied on all PELLA DOORS at no extra cost.

HINGE DESIGN—Instead of ordinary hinges, PELLA DOORS have exclusive steel spring hinging. So doors open and close easily, smoothly.

**FLOOR STOP ASSURES "TIGHT STACK"**—A simple spring-leaf catch on the bottom of the end post engages the floor plate to insure a "tight stack." The catch is suitable for installation on all type floors or floor coverings.

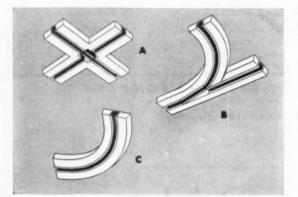
LAMINATED DOOR PANEL—Core blocks of PELLA DOOR panels are solid wood laminated with waterproof, plastic glue. PELLA's special design and processing of panels assure vertical alignment. Panels are 35%'' wide and 3%'' thick.

**VENEERS**—are beautiful birch, oak, pine and Philippine mahogany —finished or unfinished.

QUICK, EASY INSTALLATION—PELLA WOOD FOLDING DOORS are assembled at the factory and come ready for quick, easy installation. The complete package contains door, hardware, latch, fittings and illustrated instructions.

**SIZES**—both stock and custom. Opening heights to 12' 1'' in mahogany; 10' 1'' in other veneers. Single door widths to  $30' 2^{1}4''$ . Joining door widths to  $60' 4^{1}2''$ .

END POSTS-2, 3 and 4 way end posts are available.



**SPECIAL TRACKS**—PELLA Track Switches and Radial Track enable PELLA DOOR sections to be moved for use or for storage practically anywhere in a room.

#### A. CROSS OVER SWITCH

#### B. CURVE SWITCH

**C. RADIAL TRACK**—PELLA Curved Track and Track Mould are available in the following radii: 1, 1½, 2, 3, 4, 6, 8, and 10 feet.

Send for more information. Or see our complete catalog in Sweet's Light Construction File. Representatives throughout U.S. and Canada.

ROLSCREEN COMPANY, Dept. H-40, Pella, Iowa



# Do your rooms look as large as they could ?

## Costs you no more to offer much more usable space—with MODERNFOLD DOORS

modernfold

DOORS

First impressions influence home-buyers. They like the spaciousness of rooms with MODERNFOLD Doors, No doubt about it, you can make your homes more desirable with these space-saving doors. Their lifetime quality is pre-sold by outstanding national advertising. What about the cost? Actually it's no more in the long run. With MODERNFOLDS you save substantially on installation labor ... and there's no finishing or hardware expense. In beautiful decorator colors and wood-grain finishes. MODERNFOLD Doors are completely equipped; ready for quick, simple installation. You really should have all the details. Call a MODERNFOLD Distributor, or mail the coupon today.

#### AND WITH MODERNFOLD – YOUR HOUSES CAN FEATURE NATIONALLY ADVERTISED BASEMENTS!



Plenty of room for appliances, for moving around comfortably, for extra cupboard space with MODERNFOLDS.

MODERNFOLD national ads in American Home, Better Homes and Gardens, Living for Young Homemakers, House Beautiful and Sunset illustrate this basement.

NAME

ADDRESS

New Castle Products, Inc. Dept. p-21. New Castle, Indiana Please send complete information on MODERNFOLD Doors.

\_\_\_\_

GMBH, Stuttgart.

In Canada, address New Castle Products, Ltd., Montreal 6. In Germany, New Castle Products,

MODERNFOLD dividing wall closes off workshop from recreation room...extra storage space is provided by a MODERNFOLD floorto-ceiling closet opening.

C 1956, NEW CASTLE PRODUCTS, INC.



B57



# the LUXURY LOOK

Guaranteed Styron Plastic Wall Tile adds the modern touch of luxury your prospects look for



 $F^{\tt IRST\ THING\ you\ notice\ about\ plastic\ wall\ tile\ made\ of\ Styron®\ is\ that\ it\ has\ unlimited\ design\ possibilities. Over 50\ modern\ decorator\ colors\ in\ three\ exciting\ shapes\ tell\ you\ that.$ 

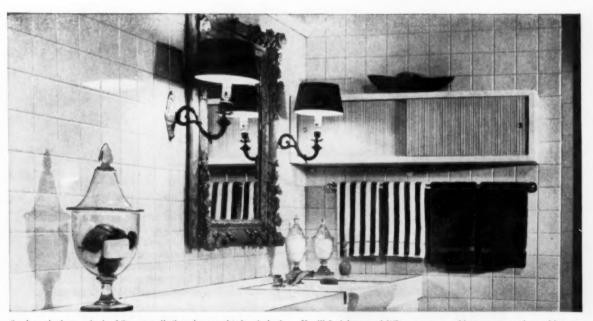
Then when you start bringing these possibilities to reality, you come to the pleasant realization that these handsome Styron tile and trim pieces are real money savers. Quick and easy to install, they eliminate costly wire lath preparation, cut down crew time by plenty.

Best thing of all about Styron wall tile is this: The certified dealer you buy it from guarantees its quality in writing. Prospects know this guarantee, and they'll react favorably to your good judgment in having chosen the wall tile that carries it.

We call the growing trend to permanent plastic wall beauty The Luxury Look. You'll call it sound building practice.



AMERICAN BUILDER



See how the luxury look of Styron wall tile enhances this lovely bathroom setting. Might easily be the most talked about room in the house! Practical, too. Colors won't chip or peel—tiles stay luxuriously smooth and beautiful. Styron tiles are the soul of simplicity in maintenance fingerprints or splash marks wipe clean in a jiffy with a damp cloth.

You'll find dozens of different ways to add permanent color and beauty to your homes and small buildings with Styron wall tile. Kitchens, baths, laundry rooms, utility rooms, recreation rooms, vestibules, lobbies, hallways—anywhere you choose, guaranteed plastic wall tile made of Styron is your most practical wall covering choice.

# Here are your guides to the right choice in Guaranteed Plastic Wall Tile



First thing to do is get in touch with a certified dealer of guaranteed plastic wall tile. You can identify him by the emblem at the left. He is a progressive businessman who will give you a written guarantee (center) that the plastic wall tile and mastic he sells you conform to quality standards established with the National Bureau of Standards. He can guarantee that tile, adhesives and installation meet minimum property requirements for F. H. A. loans. The

famous Styron label (right) identifies tiles made of dependable Dow polystyrene. When you install Styron plastic wall tile in any building, you're getting the benefit of the best-established prestige name in the industry. There's the package: THE LUXURY LOOK, guaranteed Styron plastic wall tile—and more building profits for you! For further information, write THE DOW CHEMICAL COMPANY, Midland, Michigan, Plastics Sales Dept. PL459M.



you can depend on DOW PLASTICS

# There's a Marlite Panel for every O. H. I. project!



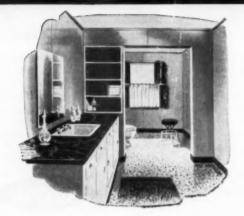


#### Marlite Plank and Block

#### Marlite Woodpanel and Marble Panel

Authentic reproductions of fine, fully-finished hardwoods and rare, imported marble. Woodpanels are 4' x 6' and 4' x 8'. Marble Panels are 32" x 48", 64" x 48" and 96" x 48" (grain runs in direction of second dimension). Baked melamine plastic finish resists heat, moisture, smudges, and stains. In addition to large sheets, most wood patterns are available in Planks and Blocks.





ANOTHER QUALITY PRODUCT OF MASONITE® RESEARCH

#### Marlite Deluxe Hi-Gloss Panels

High lustre, mirror-like finish for easy maintenance. Plain and tile patterns available in a wide range of decorator colors. Large panels are 4' wide and in lengths to 8'. Baked melamine plastic finish seals in the colorful beauty; stays like new for years. To get complete information on all Marlite products for your O.H.I. projects, see your building materials dealer, refer to Sweet's File, or write Marsh Wall Products, Inc., Dept. 403, Dover, Ohio.



#### CALL YOUR LUMBER DEALER . READY HUNG DOORS MADE BY THESE LEADING WHOLESALERS CINCINSIATI, OHIO MARION, IND.

ALBANY, N. Y. Iroquois Millwork Corp. BALTIMORE, MD. Central Building Sup BIRMINGHAM, ALA. Supply, Inc. National Woodworks, Inc. BOSTON, MASS. A. W. Hastings & Co., Inc. Sommerville 44, Mass. BUFFALO, N. Y. The Whitmer-Jackson Co., Inc. Lumber Dealers, Inc.

Acme Sash & Door Co.

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CLEVELAND, OHIO

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APRIL 1956

GRAND RAPIDS, MICH. Haskelite Mfg. Corp. **HOUSTON, TEXAS** The Whitmer-Jackson Co. Massillion, Ohio Southwest Sash & Door Co. INDIANAPOLIS, IND. Midland Building Industries, Inc. LOS ANGELES, CALIF. Ready Hung Door Mfg. Co. Burbank

General Millwork Corp. NEW YORK, N. Y. Bailey-Whalen Co. West Orange, N. J. OAKLAND, CALIF. Ready Hung Door Mfg. Co. PITTSBURGH, PENN. Iron City Sash & Door Co.

ROCHESTER, N. Y. The Whitmer-Jackson Co., Inc. SAN ANTONIO, TEXAS Ready Hung Door Mfg. Co. SEATTLE, WASH. Acme Millwork, Inc. Kirkland, Wash. SIOUX FALLS, S. DAK. Jordan Millwork Co.

ST. LOUIS, MISSOURI Imse-Schilling Sash & Door Co. ST. PAUL, MINNESOTA Minnesota Wood Specialties, Inc. SYRACUSE, N. Y. Iroquois Door Co TORONTO, CANADA C. Lloyd & Son Limited C. Lloyd & Son WACO, TEXAS Frank Stevens Sash & Door Co. READY HUNG DOOR CORP., FORT WORTH TEXAS



The new narrow-line look, so important in contemporary design, has now been added to all Continental combination door patterns. Wood parts are narrower; glass inserts give more vision and light; screen panels provide more ventilation in warm weather. And, yet, this added beauty of line and functional efficiency have been achieved with no sacrifice of overall strength.

And, Continental's new Speed Nut Insert-Fastener has these advantages to offer: simple to operate . . . improved appearance -no metal showing on outside face of door . . . lifetime service ... completely in open-no hidden parts to engage, no loosening of inserts through vibration . . . foolproof trouble-free operation.

#### **How Fastener Operates**

- 1 Arched prongs providing spring tension -lock themselves to screw threads
- 2 Speed Nut as it appears in door stile.
- 3 Large head screw clamps insert securely to door frame.



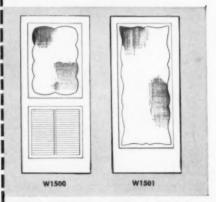
Push the Full Continental Line For GREATER PROFITS!

- Combination Screen and Storm
- Screen Doors . . . Decorator Screen Doors and Louver Inserts
- Combination Screen and Storm Sash

Made of Ponderria Pine

For Warmth, Beauty and Durability

DON'T OVERLOOK THESE SCREEN DOORS



For entrances, porches or breezeways, these new Continental Screen Doors give a home added beauty. privacy and protection. They are sure to be tremendously popular with architects, builders and homeowners.

CONTINENTAL SCREEN COMPANY, 310 South Michigan Avenue, Chicago 4, Illinois

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FACTORIES: The Philadelphia Screen Mfg. Co. Philadelphia 43, Pennsylvania

The Wabash Screen Door Co. Minneapolis 14, Minnesota

AMERICAN BUILDER



Builder Ross W. Cortese uses FOLDOOR as movable partition in typical Frematic Home, Anaheim, Calif.

# Frematic Homes Choose Foldoor!

For making homes *sell* faster, you can't beat FOLDOOR by Holcomb & Hoke. These are the folding doors that operate easiest—with 61% less hinge friction. That look better—with exclusive cornice for a "finished" look. And that are sturdy—as proved in thousands of installations. That's why Frematic Homes, Inc. of Anaheim, Calif. chose FOLDOOR by Holcomb & Hoke. That's why, whether you're building one home or 1,000 in 1956, it will pay you to investigate Holcomb & Hoke's line of folding doors. Remember, *only* Holcomb & Hoke makes a *complete* fabric-covered line. Three price ranges for every home... a deal for everybody—*a deal for you!* 

INSTALLING DISTRIBUTORS IN ALL PRINCIPAL CITIES In Canada: FOLDOOR OF CANADA, Montreal 26, Quebec

HOLCOMB & HOKE MFG. CO., INC. 1545 Van Buren St. Indianapolis, Indiana Please send full details on FOLDOOR NAME	FOL	DOOR DOOR	
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"When you can get a <u>premium</u> glass at no premium in price..."



#### AMERICAN PRODUCT LINE

American manufactures sheet glass with the least distortion and the greatest clarity, whiteness and luster.

LUSTRAGLASS—single and double strength for ordinary glazing.

LUSTRACRYSTAL—economical heavy sheet glass for larger openings and special applications.

LUSTRAWHITE—a picture glass of exceptional clarity and flatness.

LUSTRAGRAY-for better television viewing.

**BULB IDGE GLASS**—for use as counter dividers, wind deflectors and shelves.

THIN GLASS—for microscope slides and covers. Extremely flat and true to tolerance.

SUPRATEST --- a laminated safety glass.

PANAL-a fiberglass-reinforced plastic structural panel.

WATCH OUR PRODUCT FAMILY GROW

The man-with-the-pipe is right! The more glassed-in areas there are on your projects, the more important it becomes to use the whitest, clearest, most lustrous glass you can find. And that *does* mean American LUSTRAGLASS or LUSTRACRYSTAL—for top quality at no extra cost.

• Prove it for yourself on your next job. Ask your American distributor how LUSTRAGLASS can give your client the benefit of more light transmission, and afford the least amount of distortion over large areas . . . how LUSTRACRYSTAL can save you as much as 35% in many applications. Look in your Phone Directory for, the name of the American distributor in your territory.

wsw 6049



Made by the AMERICAN WINDOW GLASS CO., PITTSBURGH, PA. Plants at: Arnold, Pa. • Ellwood City, Pa. • Jeannette, Pa. • Okmulgee, Okla.



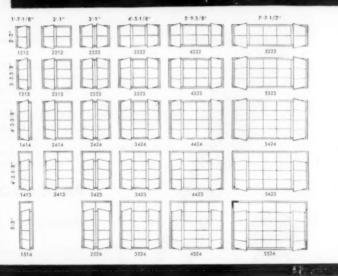
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## residential steel windows



#### CASEMENT WINDOWS

These slim, modern windows harmonize with almost all types of architecture. They give your customers extra advantages of better ventilation, easy opening, larger glass areas and safe, easy cleaning. Inside screens and storm sash. Bonderized and prime-paint finish or Fenestra<sup>®</sup> Galvanized-Bonder-ized finish. Wide selection of standard sizes for fast delivery. Available with muntin bars omitted for full glass area. Combination inside-outside trim reduces installation costs.

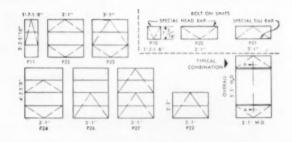


Fenestra



#### PROJECTED (AWNING) WINDOWS

Here is the beauty of slender, horizontal lines plus the convenience of awning-type, rain-shedding ventilators. Easy to operate. Easy to clean from inside. Metal screens. Furnished complete with insideoutside metal trim for low-cost installation. Same finishes as Fenestra Casement Windows.

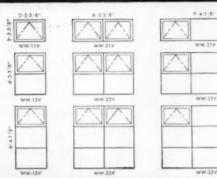


#### WINDOWALL WINDOWS

A complete line of modern picture windows with maximum view and daylighting plus

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11.97	173	

draft-free ventilation. Can be glazed with stock sizes of 1/2" insulating glass, or with double-strength window glass or plate. Inside metal screens. Same finishes as Fenestra Casement and Projected Windows.



#### BASEMENT AND UTILITY WINDOWS

Fenestra Basement and Utility Windows are available as complete package units-Window, Screen and Storm Panel (basement); Window and Screen (utility). Can be used with all types of construction. Forms available for poured concrete construction. Double-contact weathering assures leakproof performance for life. Ask for list of sizes and finishes.

### B66

#### AMERICAN BUILDER

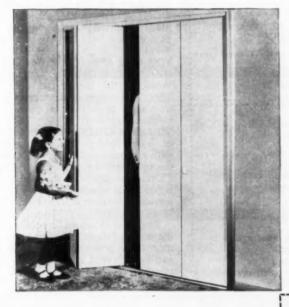


## residential hollow metal doors



#### 1%" FLUSH-TYPE SWING DOOR

A maintenance-free door for homes, apartments and other light-construction buildings. A complete package unit-door, frame and hardwarefor quick, easy installation. No drilling, tapping or mortising on the job. A man with a screw driver can install in a few minutes. Standard types and sizes assure fast delivery, low cost. Prime-paint or Birch finish.





YOUR SINGLE SOURCE OF SUPPLY FOR WINDOWS • DOORS • BUILDING PANELS

#### NEW!

#### FOLDING CLOSET DOOR

The Hit of the Home Builder's Show in Chicago! A New Idea in Closet Doors that gives full opening with a gentle pull. Made of 24-gauge steel with sound-deadening insulation. Complete unit with all hardware shipped in one carton. Can be assembled and installed with a screw driver. Available in 3'0'', 4'0'', and 5'0''widths (or any combination) and 6'8'' or 8'0'' heights. Prime-paint or Birch finish. Also available with pierced louvers.

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Detroit 11, Michigan	
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More and more builders demand the "Quality Plus"

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# stocked in commodity sizes for quick shipment - STEEL OR ALUMINUM

Awning-type ventilator for weather protection

Indirect ventilation with projected ventilators

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Permit use of draperies, curtains and awnings

Glazing outside—flat surfaces inside

Screens removable from inside

Easily washed from inside—economy and safety

Extra deep sections accommodate "Thermopane" or "Twindow" glazing

PROJECTED

District Sales Offices:

PIMOTEC

#### FOR 77 YEARS – BAYLEY has meant extra value to BUILDERS

JECTED

That's why you'll find Bayley Windows in so many of today's biggest, best and most beautiful industrial, commercial, institutional and dwelling buildings. And in many of the most *important* buildings, too.

YOU CAN SEE THE EXTRA QUALITY of Bayley Windows in their sturdier, heavier cross-sectional construction.

YOU CAN SEE THE BETTER COMBINA-TION of unimpeded light, full vision, indirect and awning-type ventilation, and ruggedness of Bayley Projected Windows.

YOU CAN APPRECIATE THE OPERAT-ING SIMPLICITY of Bayley Projected Windows the minute you try them. There's no complicated mechanism. Easy one-hand operation is quickly selfevident.

YOU CAN CHECK THE ADVANTAGES of using Bayley Windows by talking with architects and builders who learned through years of experience, that Bayley's 77 years of reliability puts real meaning behind the words, "Where the extra services *also* count, it's always BAYLEY Windows."

Projected Windows are only one of the standard Bayley Window types available from stock, in commodity sizes, and in both steel and aluminum. Check your nearby sources for Bayley Windows, or write us today.

PSYCHIATRIC

New York

GUARD

Chicogo

THE WILLIAM BAYLEY COMPANY

Springfield, Ohio

RIBBON

Springfield

**B**68

Years of

JABILITY

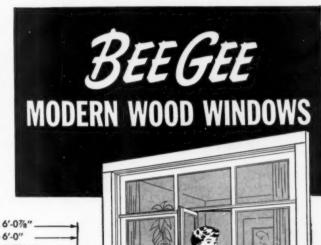
Washington

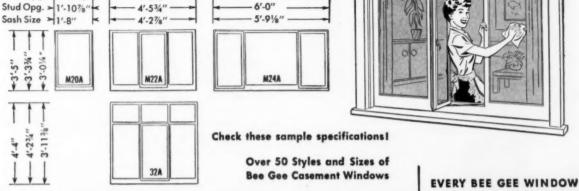
# 170 styles and sizes of casement and picture windows!

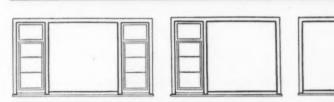
More Light! More Air! Modern window beauty that style-wise customers everywhere are looking for—and buying! Over 170 styles and sizes to fit with any type of interior, any type construction. Every Bee Gee Window is a complete unit, consisting of frame, sash with glass, bronze screen and all hardware installed at the factory. Picture and corner picture windows available with Twindow or Thermopane installed in large picture opening if desired. All wood parts are toxic-treated for maximum protection. Glass bedded in putty and glazed with the finest long - fibred glazing compounds for permanent weatherseal. Bronze screen and hardware. Bee Gee all-wood windows give natural wood insulation—and their rich finish is easily painted to match the room.

4'-6%"

Brick Opg. >11.1134"







BEE GEE

**Automatic Storm Sash** 

AVAILABLE IN 2 STYLES

51	TYLE		5	TYLE	B	
				-		
_	-	_		-		Ľ

Style "A"—a brilliant expanse of unobstructed glass. Style "B"—the glass divided to give long horizontal lines.

120 Styles and Sizes of Bee Gee Picture and Corner Picture Windows

BROWN-GRAVES CO.



Available for every Bee Gee Window. Opens and closes with the window. Looks like the Bee Gee Window itself!

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CO

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	BROWN-GRAVES CO. Dept. AB-112, Akron 1, Ohio
ipon y	Please send catalogs with complete data and specifica- tions on Bee Gee Casement and Picture Windows, I am a Builder Architect Dealer NAME
	ADDRESS



#### No decorating troubles

A 138-equipped house is a house with a built-in sale. Women prospects have decorating ideas in mind the minute they enter your room. Truscon Double-Hung Steel Windows have a light gray prime coat that's ideal as a base for painting to match room decorations or drapes. No shiny clash or glare. This window can match the home, indoors and out.



#### No operating troubles

All-steel construction means no warp, no swell, no shrink. Finger-tip operation. No sticking, no rattling. Stainless steel weather stripping and motor-type spring balances with stainless steel tapes are builtin. Hardware is factory-attached. Nothing to go wrong. Given normal maintenance, this window will last for the life of the house.

# TRUSCON "138"

# is the trouble-free window

Freedom from installation, operating and maintenance troubles has made Truscon's Series 138 the largest selling steel double-hung window on the market.

From every angle, this window is trouble-free! You get it completely assembled as one unit. Simple anchors for any type of wall construction allow easy erection. All bronze hardware is attached at the factory. Your only field work is glazing and decorating to match your own color styling.

Being steel, the 138 can't possibly warp, swell or shrink. Finger-tip operation stays that way. No call-backs. No adjustments.

It's a weathertight window. Stainless steel weather stripping is built-in. It is ideal for use in air-conditioned homes, or with room air conditioners. It is prepared at the factory to receive standard Truscon full or half screens, storm sash or Koolshade<sup>®</sup> Screens.

A wide range of types and sizes is quickly available through Truscon dealers backed by all the facilities of Truscon's nation-wide warehouse service.

For low first cost, low maintenance cost, weathertightness and simplicity of operation, standardize on Truscon<sup>®</sup> Series 139 Double-Hung Steel Window-the trouble-free window. Send coupon for complete catalog.







### Truscon Steel Doors are trouble-free, too

You can buy Truscon Interior Steel Doors-Swing or Slide types-complete with frames and all hardware. Easy to install! Simply assemble the knockeddown frame, nail to studs, hang the door. No cutting, fitting, planing, sanding needed. You save time and dollars. Truscon Steel Swing Doors are sound-deadened. Sliding Closet Doors glide silently on nylon rollers. Both are prepared for finish painting to match room interiors. NEWSI In lots of 200 or more, Truscon Interior Steel Doors are available finish-painted in your choice of any of 26 colors. Send coupon today.

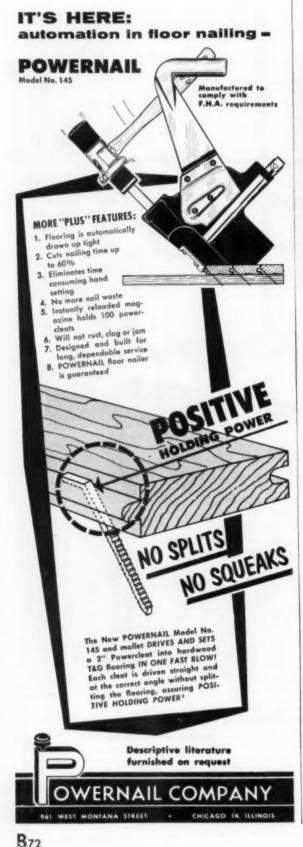




**REPUBLIC STEEL CORPORATION, Department C-1519** 

Wite .

APRIL 1956



# good look at INCENSE CEDAR



## one of 10 woods from the



Great resistance to decay, fine dimensional stability, high insulation quality make Incense Cedar a superior wood for all weather-exposed jobs. Lightweight, workable, paintable, it is an economical wood. Its reddish-brown color, silky surface, delicate grain and spicy fragrance suit it for fine woodwork and closet linings.

Incense Cedar comes in **3 select and 5 common grades**. You can order it in mixed cars—together with the other woods of the Western Pine region—from most Western Pine Association member mills.

the Western Pines

IDAHO WHITE PINE PONDEROSA PINE SUGAR PINE

INCENSE CEDAR

DOUGLAS FIR

ENGELMANN SPRUCE RED CEDAR LODGEPOLE PINE

WHITE FIR

-

the Associated Woods



get the facts to help you sell INCENSE CEDAR Write for the FREE illustrated booklet to WESTERN PINE ASSOCIATION Yeon Bidg., Portland 4, Oregon

TODAY'S WESTERN PINE TREE FARMING GUARANTEES LUMBER TOMORROW

AMERICAN BUILDER

# Make your slab homes more salable! USE STRIP OAK FLOORS ... LAID THIS EASY, LOW-COST WAY

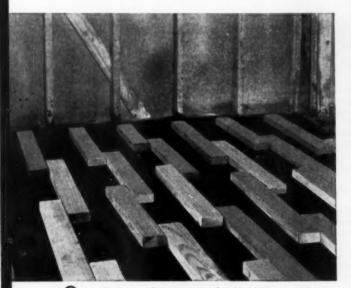
Why take chances on flooring materials prospective home buyers may not like? Now you can have the sure sales appeal of Oak Floors in your slab-on-ground houses... and save time and construction costs.

The proven-effective "screeds-in-mastic" method of providing a sound nailing surface for Strip Oak Floors over concrete is used by builders throughout the country. It's as simple as the 1-2-3 steps shown here, and is fully approved by lending agencies.

Oak Floors give slab homes more warmth and comfort, plus exceptional beauty and durability. The "screeds-in-mastic" installation method makes them economically practical for even lowest-cost homes. Start using this system now. Mail the coupon below for your free copy of simple step-by-step instructions.



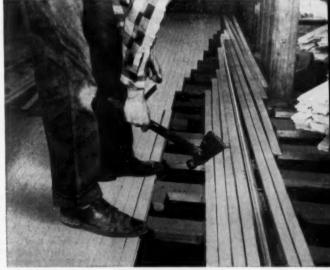
Spread mastic over waterproofed slab.



2 Lay 2x4 screeds in staggered pattern.



NATIONAL OAK FLOORING MANUFACTURERS' ASSOCIATION Sterick Building, Memphis 3, Tennessee



Nail Oak Flooring strips to screeds.

Mail coupon for FREE Installation Manual National Oak Flooring Manufacturers' Association 861 Sterick Building, Memphis 3, Tennessee

Please send a free copy of "How to Install Hardwood Strip Floors over Concrete Slabs."

Name\_

Address\_

# A handy reference guide to Weldwood Productsthe most complete line in the building industry



#### ADHESIVES

Contact Commont—nonstaining, instant bonding; for laminates, installing plywood without nailing—no clamps or presses needed.

Glue, Weterproof easy to mix and apply; 100% true waterproof bond.

Glue, Water-Resistant-plastic resin glue; unaffected by moisture, mold or fungus. Presto-Set Glue\*-ready-to-use; in tubes or

jars; for plastic, paper, cloth or wood.

ARMORPLY<sup>®</sup>—plywood faced with any metal; strong, light and rigid; has metal's toughness, wood's easy workability; made to specification. Booklet-1032.



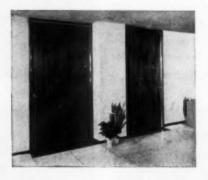
**CHALKBOARD** — porcelain-surfaced steel<sup>ese</sup> bonded to plywood—metal backing; surface defies abrasion, chipping or cracking; pleasing green color easy on eyes. Booklet-1403.

Aluminum Chelkboard Trim—for all Weldwood Chalkboard installations.

CONCRETE FORMS-see "Fir Plywoods-Plyform." **CORE STOCK**--see "Paneling-Novoply." **COUNTERFRONTS**--¼", 5-ply; hardwood or fir veneer; lumber or Novoply cores; expansion or contraction almost never occurs; in a variety of handsome surfaces.

#### COUNTERTOPS-see "Micarta."

**DOORS, FIR AND PINE**—low cost, top performance; wide variety of interior and exterior stock designs; fast delivery on all.



**DOORS, FIRE** — combine positive protection and rich wood beauty; have exclusive Weldrok<sup>®</sup> incombustible mineral core; UL labeled for Class "B" and "C" openings. Guarantee covers replacement cost including hanging and refinishing. Booklet-1489.

#### DOORS, FLUSH

Hollow Core Door-1%" or 1%" thick; all sizes; proven stability in exhaustive tests; may be painted or finished natural; interior use only.

Solid Core Door—exterior or interior; hardwood or pine core; thicknesses from  $1\frac{1}{5}$ " to  $2\frac{1}{4}$ "; all sizes; crossbanded and laminated with waterproof glue; best of its type.

Story-Strate Door<sup>®</sup> — incombustible Weldrok core; lifetime guarantee against manufacturing defects, warping or twisting; covers replacement cost including hanging and refinishing; fine hardwood surfaces; full variety of sizes; 134" thick. Booklet-1489.

**DOOR STOCK, CUPBOARD**—wide variety of sizes, thicknesses, including door or core of nonwarping Novoply; good one or two sides; birch-faced; requires no finishing; won't warp, sag or bind. Booklet-1323.

**DOORS, METAL-FACED**—Weldwood Fire or Stay-Strate Doors with Armorphy facing; on special order; send your requirements for all details. **DOORS, MICARTA-FACED** — Lumber, hollow and mineral core flush doors with Westinghouse Micarta faces available on special order.

#### FINISHING MATERIALS

Firzite<sup>®</sup>—for fir plywoods or soft woods; seals pores, minimizes wild grain, reduces checking and grain rise; in white or clear; may be tinted; White Firzite easy way to popular blond finish.

Satinloc<sup>®</sup>—brings out natural beauty of any wood; quick to apply and dry; satin finish. FIR PLYWOOD

#### FIR PLYWOOD

**Duraply**<sup>®</sup>—exterior grade fir plywood faced with special overlay sheet: for siding, soffits, gable ends, cabinets, boats, paneling; indoor or outdoor; takes paint well; resists wear, acids, alkali, moisture. Booklet-1413.

Weldtex®--striated; butt seams don't show; won't check; made in both interior and exterior grades; easy to finish.

Exterior Douglas Fir-superior plywood for any purpose, including:

Plyform®—exterior—for concrete forms; produces smooth surface; multiple re-use.

Plyshield®-"A" face, "C" back; all sizes.

Sheathing-"C" face and back, all sizes.

underlayment-lies flat; resists warping and twisting; all sizes.

**Texture One-Eleven**<sup>®</sup>—deep-grooved every 2" to 4"; splitproof and punctureproof; ship-lapped edges;  $\frac{1}{5}$ " thick; 16", 32", 48" width; 96", 120" length. Booklet 54-10.

Interior Douglos Fir-all grades and sizes including:

L-IR—Plyform made with new L-IR adhesive; gives many of the advantages of exterior-type plywood yet sells at interior grade price.

Lebanex<sup>8</sup>-5-ply, hardboard faced; tough and smooth to resist wear and denting; for concrete forms, table tops, sliding doors, etc.

Plybese®—base for linoleum, carpeting; backing for wall panels.

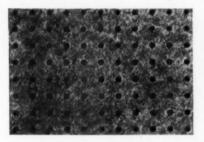
Plyform (interior)—"B" face and back, all sizes. Plyponel®—3 grades; for wall and ceiling paneling, built-ins, counters, backing; sanded both sides.

Plyscord®—C.-D. grade; unsanded; low cost; for sheathing and underlayment; all standard thicknesses.

Marine Grade Plywood-see "Marine."

FIRZITE-see "Finishing Materials."

FLEXIBLE MATERIALS—see "Flexwood," "Kalistron." FLEXWOOD<sup>®</sup>—genuine wood 1/85" thick glued to cotton backing; 12" to 24" widths, 8' to 12' lengths: for any smooth, dry surface; 40 wood surfaces, wide choice of grain, figure; applied by hand. Booklet-28.



HARDBOARD—Weldwood offers a complete line of standard, tempered, textured and perforated hardboards. Special fast delivery service on any of the 276 types, varieties, sizes. KALISTRON<sup>®</sup>—clear, wear-resistant sheeting; color permanently fused to underside (pattern and color never show wear); 33 standard colors; ideal wall covering or upholstery fabric; less expensive utility grade, too. Booklet-147.

LUMBER—Weldwood is currently producing all common western species of lumber in our own sawmills.

MARINE—Duraply, Douglas Fir, Philippine Mahogany and Samara with 100% waterproof adhesive; will never rot or delaminate. Booklet-1446 for more details.

METAL-FACED PLYWOODS—see "Armorply." MICARTA®—made by Westinghouse, distributed by Weldwood; highly durable and beautiful plastic laminate; resists chipping, denting, burning, grease or fruit staining; easy to clean; needs no refinishing; for table tops, countertops, etc. Booklet-1415.

#### MOLDINGS

Metel — aluminum, faced with hardwood veneers; matches popular Weldwood veneers; 8' strips for corners, caps, dividers; easily installed.

Wood-all-plywood Cove Moldings for cabinets, trim, etc. Booklet-1397.

NOVOPLY<sup>®</sup>-see "Paneling."

#### PANELING

Algomo Grode Hordwoods—carefully selected, matched veneers; uniform color and appearance; many beautiful hardwoods. Booklet-1457.

Architectural Grade Hordwoods—finest obtainable; superlative veneers, perfectly matched; in all fine woods, plus exotic imports. Booklet-1034.

Koring<sup>®</sup>—from the Belgian Congo; blond; complements modern or traditional furnishings.

Limbe-from Africa; blond, mahogany-style; fine grained figure.

Nekere®-blond; low-cost Japanese hardwood; highly figured grain pattern. Somara\*-low-cost African hardwood; interesting grain pattern; light reddish color.



Pre-Finished—completely and expertly factoryfinished; just install. Panels include:

Plankweld\*\*-7 woods; put on old walls or new studs-no furring; edge-grooved for neat joints; special clips eliminate nail holes.

V-Plank\*—random "v-grooved" for interesting effect; 6 beautiful woods.

Colonial V-Plank—like V-Plank but specially "pegged" for plank appearance.

#### Specialty Paneling

**Nevoply** — unique wood-plastic product; wood chips and flakes give mosaiclike effect; amazingly flat, easily fabricated; ideal for cores, sliding doors, wall paneling, partitions; pine only.

**Planktex<sup>\*</sup>**—6" bands of striations alternating with the smooth Philippine Mahogany grain pattern; comes finished or unfinished; 48" x 96" panels.



See Swirl®—low-cost panel with weathered, textured look; grain stands out from etchedout background; free of knots.

Surfwood®-similar to Sea Swirl but with occasional knots; very low cost.

\*\*Reg. & Pat. †U. S. Pat. No. 2,593,050 \*Trademark \*\*\*Porcelain faces by the Bettinger Corp. Surfplank<sup>®</sup>—shiplapped, solid lumber paneling with Surfwood appearance.

V-Plank-same as V-Plank above, but unfinished.

Weldtex—the original striated paneling; interior or exterior grades; easy to install and finish; 3 woods; blends with modern or traditional.

Weldtex Squares—Weldtex in 3 sizes of squares, from 11 7/8" to 24"; 5/16" thick.

PARTITIONS, MOVABLE—real wood beauty; panels have incombustible Weldrok core; units interchangeable; accessible concealed wiring. Booklet-1405.

PEW SEATS-5 fine hardwoods; for churches, terminals, etc.

PLANKTEX-see "Paneling."

PLASTIC MATERIALS-see "Kalistron,"

PORC-LIN-PLY®—weatherproof porcelain panel for building fronts, or interior paneling; hardwood core—durable porcelain face—steel back. Booklet-1469.

PRE-FINISHED PANELS-see "Paneling."

SAMARA-see "Paneling."

SATINLAC-see "Finishing Materials."

SHEATHING-see "Fir Plywood."

SIDING—see "Fir Plywood"—Exterior Weldtex, Duraply, Texture 1-11, Hardboard.

STORE-FRONT MATERIALS-see "Armorphy," "Porc-lin-phy."

VINYL PLASTIC—see "Kalistron." WELDTEX—see "Paneling."



To obtain any of the informative booklets listed above—or for colorful literature on any Weldwood product—write to: United States Plywood Corporation 55 West 44th Street New York 36, N. Y.

## SEE OUR CATALOG IN SWEET'S

for sizes and specifications on all Weldwood products. Complete information and details are listed.

Weldwood®

United States Plywood Corporation • 87 Offices in Principal Cities

## IT'S WHITE!

The biggest difference in metal windows today! New "White Beauty" Rusco windows and doors in gleaming white baked enamel finish that adds more customer appeal to your homes.

> BING CROSBY ... sings for Rusco over CBS radio. Every night millions of listeners will hear all about the exclusive features and lasting good looks of Rusco "White Beauty" windows and doors.

"SHOW HOUSE"... Powerful homebuyer's guide in the "Post" and "Living" features Rusco windows and doors exclusively. Tells customers why it pays to look for "White Beauties"

NATIONAL ADS ... Big space ads, in color, show how beautiful homes can look with Rusco"White Beauties". Hard selling copy creates consumer demand for these long-lasting windows and doors.

## IT'S WHITE HOT!

Here's the hottest sales combination ever! Exciting, new "White Beauty" windows and doors to fire the imagination of customers everywhere ... plus the industry's biggest, hottest promotion to fan the flames.

"White Beauty" Rusco windows and doors are being pre-sold to thousands of home-buyers all over the country. As a result, you sell new homes faster, easier when you feature Rusco "White Beauties".

Phone your Rusco man or building supply house or write us for full information. The F. C. Russell Company, Dept. 7-AB-46, Cleveland 1, Ohio. In Canada: Toronto 13, Ontario. Rusco - the greatest name in windows and doors.





IT'S

HOT!

Rusco's biggest national advertising program!







RUSCO

WHITE BEAUTY

WINDOWS and DOORS

Rusco windows and doors

are also available in Silver-tone Grey, or natural or painted aluminum.

# "Here are eight reasons why I prefer STEEL WINDOWS,"

SAYS SIDNEY FAXON, PRESIDENT, FAXON CONSTRUCTION COMPANY CINCINNATI, OHIO

1. Steel windows are easier and more economical for me to install. They will take more punishment on a building site than other types of windows.

2. Because of their trim line sections, steel windows afford maximum light area.

**3.** Outswinging vents provide full ventilation and deflect parallel air currents into the room.

4. Steel windows are easy and safe to clean—from inside the house.

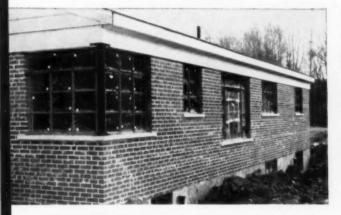
5. Screens and storm windows are readily put in placefrom inside the house.

6. Steel windows open and close easily.

7. Each steel window has a secure locking device.

8. Steel windows have fewer moving parts to wear out, reducing maintenance and replacement.

"A number of years ago," explains Mr. Faxon, "I put steel windows to a popularity test. I gave prospective home owners a choice between steel windows and windows made from other materials. The steel windows were quickly selected. This, plus the facts that steel windows are economical in initial price, are easier to handle, store and install, convinced me that I should use steel windows exclusively."



This modern brick home, now under construction in the lovely Faxon Hills subdivision in Cincinnati, features steel casement windows. Each home in this subdivision averages fifteen windows which vary in size from 2 feet-9 inches by 1 foot-6 inches, to 8 feet-5 inches by 5 feet-3 inches. In the larger windows a maximum of 30 panes of glass has been used, putting a deadweight load of 50 pounds on the steel window frame. Most of the glass is standard single lite; however, some of the windows are double-glazed picture windows.



A Faxon workman, James Pitcher, is shown here installing one of the big window frames. Actual installation has proved to be no problem on this job. It has been found that bricklayers can install the windows easily and efficiently. They make sure the window is in place, plumb and level. Then it's simply a matter of laying the brick around the window. Because steel window frames have greater dimensional stability and won't warp out of shape, the glass worker also has an easier time glazing the sash.



Look for this label—it is your assurance that the windows are made from quality steel. For more than forty years, United States Steel has been supplying window manufacturers with special rolled sections of high-grade, open-hearth steel.

UNITED STATES STEEL CORPORATION, PITTSBURGH • TENNESSEE COAL & IRON DIVISION, FAIRFIELD, ALA. •

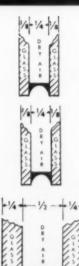
COLUMBIA-GENEVA STEEL DIVISION, SAN FRANCISCO UNITED STATES STEEL EXPORT COMPANY, NEW YORK





# the most-wanted double glazing

# AVAILABLE FROM L-O-F GLASS DISTRIBUTORS & DEALERS in these types for home use



1/2-inch DSA Thermopane—Two lights of  $\frac{1}{8}$ " DSA Glass with  $\frac{1}{4}$ " air space—54 standard sizes. *Thermopane* made with DSA Glass is economical double glazing. While made with the finest quality window glass, it does not provide the clarity of vision and good exterior appearance attained with Polished Plate Glass.

1/2-inch Plate Glass Thermopane — Two lights of  $\frac{1}{8}''$  Plate Glass with  $\frac{1}{4}''$  air space —49 standard sizes. *Thermopane* made with  $\frac{1}{8}''$  Polished Plate Glass provides better vision and gives the home a finer quality appearance.

**1-inch Plate Glass Thermopane**—Two lights of  $\frac{1}{4}$ " Plate Glass with  $\frac{1}{2}$ " air space—57 standard sizes. This *Thermopane* provides excellent thermal insulation, combined with the clarity of vision that you get with Plate Glass. Ideal for picture windows and window walls.

**THERMOPANE made with special glasses** *Thermopane* can be made with four types of glass for reduction of glare and solar energy transmission: 1/4" or 1/8" Heat Absorbing Plate Glass—blue-green, transparent. Also 1/4" or 1/8" *Aklo* \* Hammered Glass—blue-green, translucent. For diffusion of light and for decoration, it can be fabricated with any one of several Blue Ridge Glass patterns.

For extra resistance to thermal shock or impact, it can be fabricated with *Tuf-flex\** tempered plate glass.



#### What Makes Thermopane Such a Powerful Sales Feature?

It gives home buyers benefits that are really important to them. They want big windows—and *Thermopane* makes them practical in any climate. People want comfort. They want heating and air-conditioning economy. And they want all these benefits without the bother of storm sash.

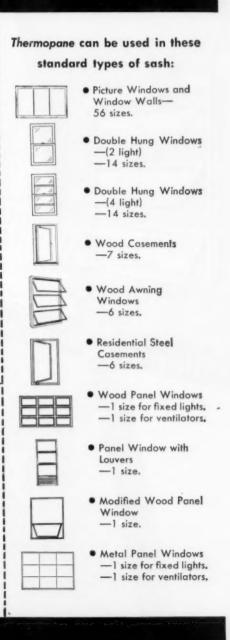
Many builders have found the appeal of *Thermopane* so great that they are using it in every window of moderately priced homes. They use simple methods of fenestration and glazing to achieve on-the-site economies. Your L·O·F Glass Distributor or Dealer can tell you about these methods. Many builders have found that *Thermopane's* insulation helps reduce the size of heating and air-conditioning equipment required.



# Standard Sizes for All Types of Windows

Standard sizes save time—cost less. There are more than 90 standard sizes of *Thermopane* insulating glass. Demand has made these sizes mass-production items. Naturally, they cost less than special sizes. And L·O·F Distributors and Dealers are able to give you better delivery service on standard sizes.

Many types of stock windows, shown at the right, take *Thermopane*. Your L·O·F Glass Distributor or Dealer can give you an up-to-date list of standard sizes. Or write to us.



#### HELPFUL INFORMATION AVAILABLE

\_\_\_\_\_

To assist you and your sales staff in using *Thermopane*, we offer a number of sales and merchandising items. See your  $L \cdot O \cdot F$  Glass Distributor or Dealer for this material—or write to us.

List of standard sizes Simple framing methods (complete details)

Thermopane booklet to assist you in using Thermopane as a sales feature. Folder on Panel Window System

Thermopane banner-

to show prospects that you have used this wanted product in your houses.

List of sash for Thermopane



LIBBEY · OWENS · FORD GLASS COMPANY 608 MADISON AVENUE · TOLEDO 3, OHIO



The merit of a window can be measured in many ways. There's OUALITY, PERFORMANCE and STYLE for customer satisfaction and easier sales. There's ECONOMY of labor in EASE-OF-INSTALLATION ... a direct result of SUPERIOR CONSTRUCTION and RIGID FACTORY INSPECTION.

11

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Whether you use one or all of these yardsticks, you'll find WOODCO E-ZEE Loc Wood Awning Windows not only measure up but surpass all others in every respect. 

Hotel Evans, Loch Sheldrake, N. Y. SYDNE SCHLEMAN Associates town, N. Y.

#### NECK THE WOODCO E-ZEE Loc PATENTED FEATURES:

- EASY TO LOCK
- SEQUENCE AIR CONTROL

oodco )

indows

- TOXIC-TREATED TO PREVENT DECAY . WATER-REPELLENT TREATED
  - EXTRA HEAVY SASH and FRAME

for the Beautiful point of view ...

DUBLE VINYL

· COMPLETELY ASSEMBLED

EATHERSTRIPPING (Pat. Pond.)

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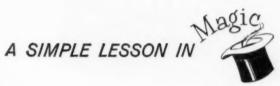
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For further information see your dealer or write to

# WOODCO CORPORATION

Formerly General Woodcraft Co., Inc. North Bergen, N. J.

Branches: Schenectady 3, N.Y.; Lowell, Mass. • Factories: Miami 47, Fla.; and Rockwell of Randolph, Inc., Randolph, Wisc.



Make Dollars Out of Windows

## BUILD WITH CECO-STERLING ALUMINUM FIN-TRIM CASEMENTS

Product improvement is something that has the constant attention of Ceco research and engineering. Out of it comes many developments that make for better building. Builders everywhere will want this new Ceco Window because it offers these bir advantages:

#### Installation costs are less than for any other window:

1. There are no fins or outside trim to attach, for at last they are built into the casement, all in one piece.

2. Rough openings are easy to figure-no complicated mathematics.

#### Saves in any kind of construction:

minum Trim

Casement fin and

made

art of

ne foi

quicker installati and extra strength

side trim

1. In frame construction, siding material can be easily applied up to the trim, without other finishing. Fin portions are punched for quick anchoring with screws or nails.

2. In veneer or masonry construction, trim can be used as a convenient masonry guide.

**3.** In solid masonry, fin gives ideal anchorage in standard openings.

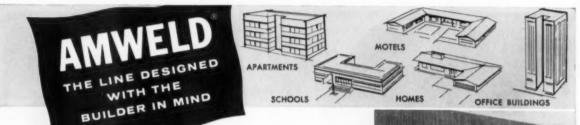
4. In stucco construction, trim is proper depth for framing.

So in the homes you build, use the new Ceco-Sterling Aluminum Fin-Trim Casement. You will be sure of simplified installation and savings in labor costs. Wherever you are, plan now to profit by reducing window installation costs. Write for details.



CECO STEEL PRODUCTS CORPORATION Offices, warehouses and fabricating plants in principal cities General Offices: 5601 West 26th Street, Chicago 50, Illinois

IN CONSTRUCTION PRODUCTS CECO ENGINEERING MAKES THE BIG DIFFERENCE

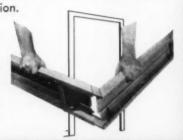


### AMWELD STEEL DOORS AND FRAMES

A smartly styled interior door and frame combination for use in homes and apartments - commercial buildings, offices, clinics, and stores, in fact, anywhere that low cost, appearance and durability are important. These modern, flush steel doors and frames ao well with either contemporary or traditional design. Doors and frames delivered prime coated and require only finish painting after erection.

#### EASY TO INSTALL!

The Amweld Inter-Lok Frame and Steel Door combination are quick and easy to install, require no field drilling, mortising, or fitting. Builders report up to 60% saving on installation. Elimination of warping, sagging or shrinking minimizes builder call-backs.







A handsome, rugged, flush steel door and frame combination for interior use to provide extra fire protection. Fur-mished with Under-writers' Laboratories "B" label, in standard 1%" and 1%" sizes.

#### AMWELD AIR CONDITIONING DOOR



This steel door with large This steel door with large grille area is designed to provide flow of air between rooms for central air conditioning. Available in 13%" size from 2'0" to 3'0".

B82

# 13%" DOOR TYPES AND SIZES

	P PLUSH	V YTEOR PANES	Pite CED LOUVER	DPL DOUBLE MERCED COUVER	VPL VPL VSION PAREL & RRECED LOUVER	G AND G	GPL RAU OLASS & MORCED LOUVER
16" Ingle Swing With & Vithout Claver ainf. Hr. 6'-8"		2'-6" 2'-8"		2'-4" 2'-4"	2'-4' 2'-8'	2'-0" 2'-4" 2'-4" 2'-4" 3'-0"	
16" ngla Swing active Deer fith Closer sinf. Ht. 6'-8"					2'-0" 2'-4' 2'-6" 2'-8" 3'-0"		2'-0" 2'-4" 2'-4" 2'-8" 3'-0"
%" auble Acting eac <sup>4</sup> Without lever Bainf, 1. 6'-8"	2'-4"	2'-4'	2'-6*	2'-4"	2'-6"	-	-

134" DOOR TYPES AND SIZES

JAME TH.	PLASTER 2%, 3%, 4%, 5%, 6%	STUD 316, 416, 316, 416	MASCHRY 4%, 5%, 6%		
1 % Single Swing Inter-Lok Ht. 6'-8"	1'-6" 2'-0" 2'-4" 2'-6" 2'-8" 3'-0"	1'-6" 2'-0" 2'-4" 2'-6" 2'-8" 3'-0"	1'.6' 2'.0' 2'.4' 2'.6' 2'.8' 3'.0'		
1 % Single Swing Pairs. Ht. 6'-8" Inter-Lok	4'-0" 4'-8" 5'-0" 5'-4" 6'-0"	4'-0" 4'-8" 5'-0" 5'-4" 6'-0"	4'-0" 4'-8" 5'-0" 5'-4" 6'-0"		
1%" Double Acting Assembled Ht. 6'-8"	2'-6%"	2'-6%"	2'-6%*		
1%" Double Acting Pairs Assembled 6'-8"	5'-0%*	\$'-015"	5'-0%*		
		2'-0" 2'-4" 2'-6" 2'-8" 3'-0"			

#### 1 3/4" FRAME TYPES AND SIZES

									;			1 % " Single Swing Welded & Inter-Lok 6'-8" & 7'-0"	1 % " Single Swing Pairs Welded & Inter-Lok 6'-8" & 2'-0"
	E FLUSH	V VISION PANEL	Pt Pt MERCED LOUVER	DPL POVELE PERCED LOUVER	VPL VISION RANEL & REACED LOUVED	G HALF GLASS	GPL GPL HALF GLASS & MERCED LOUVER	GL COMMERCIAL LOUVER	CCI MALE GLASS & COM LOUVER	VCL VISIORI FANEL & COM LOUVER	PLASTER 3 %, 4 %, 5 %, 6 % ;	2'-0" 2'-4" 2'-6" 2'-8" 3'-0"	4'.0" 4'.8" 5'.0" 5'.4" 6'-0"
1 % Single Swing Dear With & Without Claser Reint & 8 7'-0"	2'-0" 2'-4" 2'-6" 2'-8" 3'-0"	2'.0" 2'.4" 2'.6" 2'.6" 3'.0"	2'.0" 2'.4" 2'.6" 2'.8" 3'.0"	2'.0" 2'.4" 2'.6" 2'.8" 3'.0"	2°.0° 2'.4° 2'.4° 2'.8° 3'.0°	2'.0' 2'.4' 2'.6' 2'.8' 3'.0'	2'.0' 2'.4" 2'.6" 2'.6" 3'.0"	2'-0" 2'-4" 2'-6" 2'-8" 3'-0"	2'.0" 2'.4" 2'.4" 2'.9" 2'.0"	2'-0" 2'-4" 2'-6" 2'-0" 3'-0"	STUD 31/4, 41/4,		2'-0" 2'-4" 2'-6"
1 %" Single Swing Inactive Daar With Classe Raint 6'-8" & 7'-0'	2' 0' 2' 4' 2' 6' 2' 4' 3' 0'	2'-0" 2'-4" 2'-6" 2'-8" 3'-0"	2'.0" 2'.4" 2'.6" 2'.6" 3'.0"	2'-0' 2'-6' 2'-6' 2'-8' 3'-0'	2'-0" 2'-4" 2'-6" 2'-0" 2'-0"	2'.0" 2'.4" 2'.6" 2'.8" 3'.0"	2'.0' 2'.4' 2'.4' 2'.8' 3'.0'	2'-0' 2'-4' 2'-0' 2'-8' 3'-0'	2'-0' 2'-4' 2'-6' 2'-0' 3'-0'	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5%, 6% MASONRY 4%, 5%, 6%	2'-0" 3'-0" 4'-0" 4'-0" 5'-0" 5'-4" 6'-0"	2'.8" 3'.0" 4'.0" 4'.8" 5'.0" 5'.4" 6'.0"

THE AMERICAN WELDING & MANUFACTURING COMPANY 310 Dietz Road • Warren, Ohio

BUILDING PRODUCTS DIVISION

## AMWELD STEEL FOLDING DOOR UNIT

Now a door that offers the advantages of folding and the sturdiness of steel the Amweld Folding Door Unit. This door provides full access to any closet, cupboard or wardrobe, without sacrificing valuable floor space. The door consists of four panels. These panels are hinged in pairs and the doors fold to each side. The 4' unit projects only 7" into the room when opened, the 3' unit about 5" and the 5' unit only 9". The unit is sound deadened and operates smoothly on nylon pivots to provide the easiest operotion ever

#### be installed by any workman in a matter of minutes

#### FITS ANY DECOR

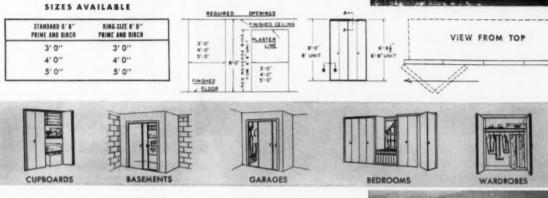
The Amweld Folding Door Unit is basically modern and efficient in appearance. The panels are finished with baked-on enamel, ready for the color of your choice or can be supplied with birch grain finish in all sizes. Opening can be trimmed in any of several optional methods to match other trim or woodwork in the room. The Amweld Folding Door is available in 6'8" standard height or in the floor-to-ceiling king-size



#### EASY TO INSTALL

The Amweld Steel Folding Door Unit can

8'0" height.



## AMWELD "KD" STEEL SLIDING CLOSET DOOR UNIT

Add alamour and practicability to any home-put a double set of Amweld Sliding Closet Door Units in the master bedroom-single closet units in each of the other bedrooms. Ideal, too, for hall closets, pantries, storage space in attic, basement or garage. Attractive and designed to complement contemporary or tradional interiors, Amweld Sliding Closet Units make entire closet interior usable - eliminate waste door swing space—save 6 to 9 square feet per closet.

#### EASY TO INSTALL

The Amweld Sliding Closet Door Unit is complete in one carton and can be installed in a matter of minutes. All hardware snaps in place. Rollers and guides made of long-life nylon for smooth, easy operation.

#### FITS ANY DECOR

Panels finished in baked-on, prime coat, ready for the color of your choice. In the 6'8" size can be furnished in natural birch grain finish, ready for installation. Opening can be trimmed in several optional methods to match existing woodwork and frames. Unit is ideal for modernizing, as well as for original construction.

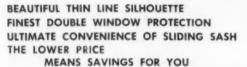
#### SIZES AVAILABLE

OR BIRCH	"KING - SIZE" FLOOR - TO - CEILING UNI GREY PRIME FINISH ONLY				
WIDTH NEIGHT	WIDTH	NEIGHT			
3' 0" 6' 8"					
4' 0"; 6' 8"	4' 0"	8' 0"			
5' 0" 6' 8"	5' 0"	8' 0"			
6' 0" . 6' 8"	6' 0"	8' 0"			





THE AMERICAN WELDING & MFG. CO. 310 DIETZ ROAD -WARREN, OHIO



SLIDE

luminum

Double

2. Sthe NE

Sash conveniently lift out for cleaning

#### Note These Features:

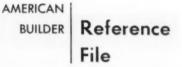
- . TIGHTLY INTERLOCKING SASH
- . MOHAIR WEATHERSTRIPPING
- . FIBER GLASS SCREENS
- ALL SASH REMOVABLE FROM
   INSIDE FOR EASY CLEANING
- . GLAZED WITH KOROSEAL
- . NO PUTTYING OR PAINTING
- . NOTHING TO RUST OR ROT
- . LASTS FOR THE LIFE OF THE HOUSE

Think of it: a double picture window—interior sash—exterior sash —full height screen at each end with Fleetlite engineered construction—all at a lower cost than you usually figure for a picture window.

When ventilation is required both side windows can be opened completely. On rainy days open the outside window on one side and the inside window on the other to provide ventilation without danger of water damage to walls or furnishings.

Send for literature and builders' prices on Fleetlite Sliding, Picture Slide and Double Hung Windows.





#### ALUMINUM DOORS

Three descriptive folders provide full details on firm's aluminum door models—the "760" screen door. "561" combination screen and storm and the "139" jalousie. Contain door size charts, illustrations of applications.— Capitol Products Corp.

Circle No. 50 on reply card Section 6

#### DOORS AND FRAMES

Catalog gives specifications, sizes and installation details on completely packaged steel door and frame combination.—United Steel Fabricators, Lue

Circle No. 51 on reply card Section 6

#### FLUSH DOORS

New 4-page folder on flush doors is fully illustrated and contains detailed descriptions of firm's hollow and solid core doors; grades, core construction and specifications.— Atlas Plywood Corp.

Circle No. 52 on reply card Section 6

#### FOLDING DOORS

The Ra-Tox Fashionfold wood folding doors feature a magnetic catch as an integral part of the handle. Contains 2 floating units which hold door closed tightly against the jamb.—The Hough Shade Corp.

Circle No. 53 on reply card Section 6

#### FOLDING DOORS

Fashioned from basswood slats woven with cord, these folding doors glide on an overhead track that can be installed in minimum time. Literature gives sizes, installation details and color finishes.—Warren Shade Co., Inc.

Circle No. 54 on reply card Section 6

#### FOLDING DOORS

Three new folders provide descriptive information on firm's line of fabriccovered folding doors and room dividers. Wide range of uses illustrated in color.—Holcomb & Hoke Mfg. Co.

Circle No. 55 on reply card Section 6

#### FOLDING DOORS

In decorator colors or wood-grain finishes the accordion-type folding doors described in this literature are available in wide range of sizes up to full wall height and width—New Castle Products, Inc

Circle No. 56 on reply card Section 6

AMERICAN BUILDER

**B**84

## THE GENERAL \* SAYS:

GENERAL BRONZE

THE ONLY S-STAR GENERAL IN

THE ALUMINUM WINDOW FIELD

keeps you ahead of competition

\* Specialized Service to Builders

thru responsible local distributors

from complete stocks in every eree

creates ready customer acceptance

ALWINTITE

+ Advanced Product Desian

+ Trouble-Free Engineering

★ Dependable Deliveries

**Continuous Advertising** 

eliminates cestly complaints

THE Big Difference IN

YOU'LL APPRECIATE

# ALWINTITE ALUMINUM WINDOWS

Don't let anyone tell you "all aluminum windows are alike." With ALWINTITE there is not only a difference in product design and quality, but also a difference in the company behind the product as well as in the distributor organization handling the product.

Once you use ALWINTITE aluminum windows and doors -made by General Bronze Corporation-you'll quickly appreciate what this "BIG DIFFERENCE" can mean to you.

General Bronze leads the way in advanced product design with the latest, up-to-the-minute improvements. Their fine quality ALWINTITE products have been engineered for continuous trouble-free operation and the elimination of costly complaints.

You'll also find there's a big difference in the General Bronze-ALWINTITE distributor set-up. ALWINTITE distributors, located in every area, have been selected for their ability to give you unexcelled service. They enjoy a reputation for reliability and integrity, and they also (1) carry complete warehouse stocks; (2) give fast, dependable delivery service; (3) have factory-trained personnel ready to help you with your window problems at any time.

On the pages that follow you will find a brief description of the ALWINTITE line of products. For complete catalog showing details, sizes, etc. and for name of nearest distributor, write to ALWINTITE DIVISION, GENERAL BRONZE CORPORATION, Garden City, N. Y., Attn. Dept. 56-INS.

ALUMINUM WINDOWS AND DOORS by GENERAL BRONZE CORPORATION ALWINTITE DIVISION-GARDEN CITY, NEW YORK

## ALWINTITE WINDOWS AND DOORS

#### Alwintite 🗲

#### DOUBLE-HUNG WINDOWS

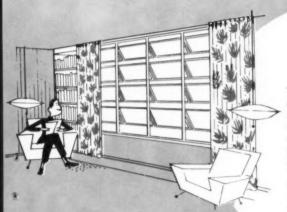
Every home buyer goes for the money-saving features of ALWINTITE double-hung windows—quality standard of the industry. No painting or other maintenance expense, sturdy construction, built-in weatherstripping, easy finger tip operation. A real selling asset for any house. 35 standard stock sizes with Fin Trim for easy, time-saving installation. Home buyers will appreciate it if you include ALWINTITE screens and storm sash under the single package mortgage.

#### Alwintite SLIDING windows

---

You can add a "touch of tomorrow" with these new ALWINTITE sliding windows, first introduced by General Bronze and today America's most popular window. A real quality product with many new design and construction improvements. Women love them because they give more light, better ventilation, and more usable wall space. Can be used in many interesting multiple arrangements. 18 stock sizes easily installed in all types of construction. Include ALWINTITE screens and storm sash as an extra sales feature.

# will add extra sales appeal to any house!



#### Alwintite AWNING windows

These glamorous, modern new awning windows are ideal for a few rooms or a whole house. Strong and sturdy enough for use in schools and hospitals, yet priced low enough for low-cost residences. Features include "Balanced Power" center-sill operator for smooth, easy operation, low-cost maintenance and weathertight seal. In 15 standard and 24 modular sizes with inside screens and storm sash.



### Alwintite PICTURE-SLIDING windows

Add interest and charm to your new houses with large picture windows in most every room. Today's home buyers love these large glass areas. Picture-slide windows have a large fixed unit in center and sliding sash units on each side, all in a single frame. Fin Trim simplifies installation. 12 standard sizes.





#### Alwintite VIEWall windows

Right in keeping with today's trend to larger window areas, this large floor-to-ceiling picture window unit brings outdoor beauty indoors—adds interest and beauty to any house. Fixed lights and sliding window vents available in various arrangements. Simple, easy installation. Available in 1, 2, or 3 unit (3', 6' or 9') widths.



Add Glamour and Excitement with ALWINTITE PICTURE SLIDING DOORS





ALWINTITE Regency aluminum-glass sliding doors will add tremendous sales appeal to any house. Everybody goes for this top quality door. Constructed from strong extruded aluminum, they are completely weatherstripped and glide easily on ball bearing rollers with screen unit in separate channel. Ideal for rooms opening onto porch, patio or terrace. In widths from 6' to 24' and in height of 7' and 8'.

( 'oronet series

ALWINTITE Coronet sliding doors are designed to give you unusually fine quality at an economical low price. Made from strong extruded aluminum, these doors are completely weatherstripped and operate smoothly on ball bearing rollers. Available in 1, 2, 3 or 4 track arrangements with screen units operating on separate tracks. Doors may slide into pocket within walls. In width from 6' to 20' and in standard 6' 10" height.

ALWINTITE

depend (



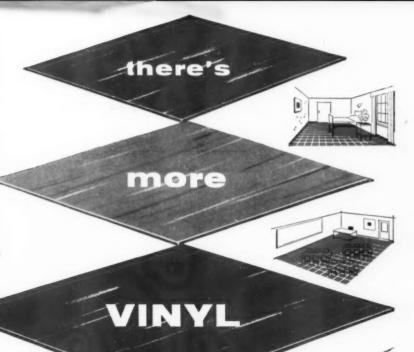
To save your home buyers added financing problems and to give added appeal to your houses, be sure that you include screens and storm sash in your selling price, under a single package mortgage. Buyers appreciate it. Mortgage bankers and FHA offices endorse it.

For complete details on any ALWINTITE product see your local ALWINTITE distributor, or write direct for our latest catalogs. Address Dept. 56-INS.

ALWINTITE DIVISION-GARDEN CITY, NEW YORK

LUMINUM WINDOWS AND DOORS

**by GENERAL BRONZE CORPORATION** 



1

10

Because of its high percentage of vinyl, the more dense surface of Bolta-Floor has greater wearability, easier maintenance ... will retain its rich natural lustre years longer, with or without waxing.

Bolta-Floor is produced in a full range of 22 fashionable decorator colors...5 solid and 17 marbleized. It's available in 4 tile sizes (6 x 6, 9 x 9, 12 x 12, 18 x 18), 2 roll widths (27" and 54") and in 3 gauges ( $\frac{1}{2}$ %",  $\frac{3}{2}$ %" and .080 gauge).

To be sure of finest quality vinyl flooring with assured top performance, specify Bolta-Floor —another superior product of The General Tire & Rubber Co.

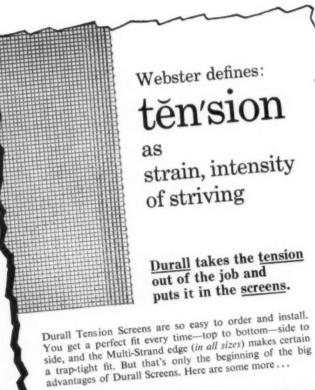
Bolta Floor

FOR HOSPITALS SCHOOLS • OFFICES THEATRES • HOTELS MOTELS • APARTMENTS BANKS • HOMES

WEARS LONGER, WITH OR WITHOUT WAXING

every tile of

The General Tire & Rubber Co. Flooring Division • Akron, Ohio



## tabes er

#### NEW CLAMP BRACKET



It makes Duralls so easy to install, that a novice looks like a professional. Tap it in the sill, drive one screw, "snap-in" the screen. It adjusts automatically for perfect tension.



#### COST LESS TO INSTALL

It takes only 5 screws to install each Durall, A man can easily install one in five minutes from inside the building. And there are sizes for all stock frames so they fit perfectly, with no expensive and time-consuming fitting on the job.

#### LESS EXPENSIVE TO BUY



They have no all-around frames, just top and bottom rails that hold the screen in the window under tension. They're all aluminum and top quality throughout.



#### LOOK SO GOOD

Fit in the window so taut and trim...they "look like a million." Made of "Alclad" aluminum, Duralls never rust, stain nor streak the house. Buyers appreciate that.

They're perfect for porches and breezeways toowidths up to six feet-any height. Ask your dealer about them, or write to...



Sixth Ave., York, Penna.

Manufacturers of the Durall line of custom-made Screen-Parch Enclosures, Bermuda Screen Houses, Aluminum Combination and Screen Doors.

# BUILDER Reference

#### PREFIT DOORS

How to install packaged door and frame unit is illustrated in 4-page brochure, which also lists features. Separate leaflet describes firm's double unit for partitions, closets, etc.— Ready Hung Door Corp.

Circle No. 57 on reply card Section 6

#### SLIDING DOOR FRAMES

File folder type of brochure describes and gives detailed specification on the complete sliding door package. Includes door pocket, precut jambs and is available for plaster or dry-wall construction.—Nordahl Mfg. Co.

Circle No. 58 on reply card Section 6

#### SLIDING DOORS

Completely packaged sliding door sets for closet installations are described in this brochure. Units are floor to ceiling height for more accessible storage space.—Woodall industries, Inc.

Circle No. 59 on reply card Section &

#### SLIDING GLASS DOORS

Literature describes complete line of aluminum sliding glass doors. Also available is information on line of horizontal sliding windows. Sizes specifications and installation details.— Nudor Mfg. Corp.

Circle No. 60 on reply card Section 6

#### SLIDING GLASS DOORS

A folder describing "Miller" sliding glass doors of aluminum or steel is now available. Includes typical installation details and specifications.— Frank B. Miller Mfg. Co.

Circle No. 61 on reply card Section 6

#### WOOD FOLDING DOORS

Numerous applications of "Pella" doors are shown in 8-page booklet, which includes specifications. detail drawings. Also available: firm's brochures on "Rolscreens," venetian blinds and casement windows.—Rolscreen Co.

Circle No. 62 on reply card Section 6

#### CARPETING

This 12-page guide gives practical advice on how to use carpets to best advantages. Principal weaving processes and grading are explained.— Carpet Institute. Inc.

Circle No. 63 on reply card Section 6

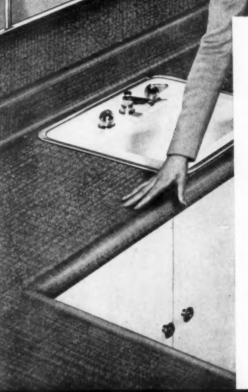


Boo

NO CALL BACKS

Duralls put up nine years ago are still going strong ... tight and secure against insects. And they're made so perfectly there are no "call backs."

# ..."and we can have the walls and vanity in any of over **70** patterns and colors!"



Progress Is Our Most Important Product GENERAL De ELECTRIC



#### PLASTIC COUNTER AND WALL SURFACING

When Mrs. Prospect starts promoting a house to her husband, you can be sure the "sale" isn't far away. That's what usually happens when she sees a kitchen or bathroom equipped with General Electric Textolite plastic surfacing on counters and walls. She knows that G-E Textolite surfacing means care-free maintenance . . . it resists *heat*, *stains*, and *scratches* . . . wipes clean in a jiffy, and never needs painting or refinishing! Best of all, she knows that General Electric Textolite gives her a choice of *over 70 patterns* and *colors*, including authentic looking wood-grain and marble designs.

INSTALLING A GENERAL ELECTRIC COLOR-STYLED KITCHEN? There's a complete selection of G-E Textolite colors that match exactly or contrast smartly with each of the colors in the G-E kitchen line. For more information, call your G-E Textolite Distributor or send in the coupon below.

General Electric Co., Section AB 4-6, P.O. Box 5911, Cleveland 1, Ohio Please send me the new 1956 full-color booklet with a complete selection of G-E Textolite patterns.

Name			
Firm		A Second Second Second Second	
Address			
City	Zone	State	

APRIL 1956



In this spacious wardrobe the doors are of Perforall (perforated Masonite Duolux)... another example of the versatile decorative treatment available in Glide-All Sliding Door panels. Architect Edward H. Fickett, Builder: Evan Koope Co.

with GLIDE-ALL Sliding Doors

# Anywhere In The House!

With attractive Glide-All Sliding Doors you can easily and quickly build floor-to-ceiling, wall-to-wall expansive wardrobes, big closets in small rooms, narrow halls, confined entranceways and playrooms. Glide-All Doors are complete, ready to install . . . and they reduce construction costs in both time and material. Standard 6'8" and 8' height panels, in varied widths, are available in either solid or in Perforall (perforated). See "Sweets" or write today for details.

Glide-All Doors are available from distributors throughout the United States and Canada, For information write Plant nearest you.

GLIDE-ALL DOORS ARE A PRODUCT OF WOODALL INDUSTRIES INC. DETROIT 34, MICHIGAN

B92

CHICAGO, 3504 Oaton St., Skokie, Illinois EL MONTE, California, 801 W. Valley Bird, FRANKLIN, Ohio, P. O. Box 200 LAUREL, Mississippi, P. O. Box 673 NEW YORK, Gian Cove Road, Mineola, N.Y. SAN FRANCISCO, 1910 Carroll Avénue Glide-All Sliding Doors are engineered as a "package door" for easy, fast installation with adjustment features for perfect fitting in out-ofplumb or variable openings and to assure a lifetime of trouble-free service.



#### ADJUSTABLE UPPER ROLLERS Steel and molded

Nyton roller assembly has full 3/4" adjustment simply made by loosening a single screw and moving shielded ratchet mount to desired height.

.

#### ADJUSTABLE LOWER GUIDES

Spring steel guides with quiet, smooth acting polyethylene sleeves are concealed inside tube frames. They also adjust within a full <sup>3</sup>/<sub>4</sub>" range.

### AMERICAN BUILDER Reference File

#### BLOCK FLOORING

Hardwood block flooring in selected red oak is described in this folder. May be applied to either concrete or wood subfloors; is not affected by heat from radiant panels.—Higgins Industries. Inc.

Circle No. 64 on reply card Section 6

#### FLOOR AND WALL TILE

A 16-page booklet describing the Matico floor and wall tile. Shows in color a representative selection of tiles as well as individualized floor installations.—Mastic Tile Corp. of America. Circle No. 65 on realy cord Section 6

#### FLOORING

Pocket size folder illustrates this firm's various grades of oak flooring and shows actual grain patterns in full color.—Cloud Oak Flooring.

Circle No. 66 on reply card Section 6

#### FLOORING

Catalog available on all types of resilient flooring in tile and sheet forms. Color ideas for attractive floors for all rooms of the home. Also illustrates uses in commercial construction.— Congoleum Naim, Inc.

Circle No. 67 on reply card Section 6

#### FLOORING

The beauty and advantages of oak flooring are described and illustrated in literature available. Specification and application data also included.— Crossett Lumber Co.

Circle No. 68 on reply card Section 6

#### FLOORING

Specification data available on all major types of hardwood flooring. Estimating tables and job practices for storing and application of hardwood flooring.—National Oak Flooring Mfgs. Assoc.

Circle No. 69 on reply card Section 6

#### TILE FLOORING

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Descriptive brochures provide information on a number of firm's floor tiles, including vinyl, asphalt, cork and rubber types. Also a specification guide for these products.—Kentile Inc.

Circle No. 70 on reply card Section 6

#### GLASS PRODUCTS

"Practical ways to wake up your home with glass" is the title of this attractive 28-page book. A wealth of building ideas using glass products are shown in these 4-color photograph pages.—Pittsburgh Plate Glass Co.

Circle No. 71 on reply card Section 6

# BUILD BETTER <u>Economically</u>....with these NATIONAL PRODUCTS



#### ARCHITECTURAL PORCELAIN ENAMEL by National

Whether for new construction or modernization, it's hard to beat the versatility, beauty, permanence and economy of National Porcelain Enamel Panels. They're weatherproof, can't fade, require a minimum of upkeep, and are furnished in any color, size and style to meet individual specifications.

#### NATIONAL and COLUMBIA WEATHERSTRIP

Here's one way you can be sure your customers get the most for their building dollar—specify National weatherstrip products for all the windows and doors. National makes a complete line of metal weatherstripping, moldings and thresholds—all pre-machined, ready for simple, speedy installation.





#### "Tripl-Tite" Aluminum SIDING

Furnished with or without insulation backing board, Tripl-Tite Aluminum Siding is light, easily handled, and simple to install. Unique 3-Point Interlock design eliminates time-consuming leveling and assures a firm, weathertight seal that won't rattle. Available in six beautiful baked-on enamel colors.

Write today for complete details!

Executive Offices: 2 Gateway Center, Pittsburgh, Pa.



Manufacturing Plants: Canonsburg and Carnegie, Pa.

Members: Porcelain Enamel Institute --- Weatherstrip Research Institute



HAR-VEY

RDWARE

SUDING DOOR

When you sell Har-Vey you can offer builders every assurance of top performance, *proved* by your customer's own comparison! He makes *bis own test* in the next home he builds. If the Har-Vey Hardware in that home is not the smoothest, quietest hardware he's used in this price range, we'll give him *double* his money back!

**PROVEN FEATURES** like these enable us to make such a startling guarantee:



- Self-lubricating oilite bearings keep doors sliding smoothly for years – without maintenance
- Nylon rollers last a lifetime
- Extruded *aluminum* V-grooved track can't rust!

Low-cost Har-Vey Hardware saves installation time, too. Write for complete details. Department 0-4.



## AMERICAN BUILDER Reference File

#### GLASS PANELS

Catalog 56-R covers company's full line of glass products for residential and commercial use. Attractively illustrates translucent, figured and structural corrugated glass; contains light diffusion charts, data on finishes, installation details,—Mississippi Glass Co.

Circle No. 72 on reply card Section 6

#### INSULATING GLASS

"Thermopane" manual contains 28 pages of helpful data, technical and descriptive, on full line of multi-pane glass products. Covers physical properties, heat loss factors and variety of construction details.—Libbey-Owens-Ford Glass Co.

Circle No. 73 on reply card Section 6

#### STORE FRONTS

Every builder who is interested in "store front work" will find this 32page book a worthwhile addition to his idea file. Numerous photographs show design ideas for both exteriors and interiors of stores.—Pittsburgh Plate Glass Co.

Circle No. 74 on reply card Section 6

#### CERAMIC TILE

Here's 8-page "Harmonies in Color" catalog of firm's line of wall and floor tile for the architect, builder and tile contractor. Actual shades are shown and there's a section devoted to trimmers.—Stylon Corp.

Circle No. 75 on reply card Section 6

#### DECORATIVE PANELING

Two new pieces—a full-color leaflet and 12-page descriptive bulletin provide complete information on "Ven-O-Wood," Philippine mahogany-finished hardboard panels. Shows applications; gives technical properties, conditioning and installation instructions, finishing procedure.—Long-Bell Lumber Co.

Circle No. 76 on reply card Section 6

#### HARDBOARDS

A variety of hardboards are covered in this 12-page manual; physical properties are described and specific uses recommended. Includes hardboard underlayment, concrete forms, finishing instructions.—Forest Fiber Products Co.

Circle No. 77 on reply card Section 6

AMERICAN BUILDER

# DELFAIR

# **Dak Floors**

CALL REPORT OF THE PARTY

Dakstrip

AVAILABLE EITHER FINISHED OR UNFINISHED

also-

THE BEAUTY OFHARDWOOD

PLUS EXTRA

ECONOMY

MULTI-WOOD BLOK IF YOU WANT

# Oakplank

Dakblok

Take your choice of any one of these distinctive floors made by Delfair . . . the name to remember when you buy oak flooring. We cordially invite you to use our mixed-car shipments, consisting of any Delfair products. Write us today about your needs.

Member National Oak Flooring Manufacturers' Association





#### CUT INSTALLATION COSTS across the board!

The Columbia-matic aluminum Tension Screen not only costs less than old fashioned types . . . it's not only heavier constructed for longer service than competitive makes . . . it also cuts builder installation costs across the board. Here's why millions are now in use from coast to coast.

- Require no template, or special tools to install.
- Installed from inside for easy access to all windows.
- Precision-made to your specifications, fit exactly without adjustment of any kind.
- Aluminum, require no painting or finishing ... will not warp, swell or stick, rust stain your homes.
- Hardware can be preset in regular production schedule. Leave screens in cartons, safe from damage, for later installation.
- Sturdily packaged 6 of a size per fibreboard carton to protect against loss on the job or in warehousing.
- Easy to store, accurately labeled for quick identification.
- Cannot be taken down from outside . . . your protection against loss or theft on the job.
- Once installed, Columbia-matic TENSION SCREENS require no further adjustment — remaining drum-tight under all conditions ... completely eliminate expensive "service callbacks."

#### CUSTOMERS RESPECT THE NAME ... and love the performance!

Consistent, year-in-and-year-out advertising in leading national publications, plus word of mouth endorsement, have made Columbia-matic TENSION SCREENS a household word with home-buying and home-owning Americans. And like most famous brand names, Columbia-matic adds stature to the user and his project. Equally important, the unusual quality of the Columbia-matic, its ease of use, dependability and many time, money and labor saving features are a constant reminder to your customers that he made a good purchase . . . an economical purchase . . . and a wise purchase.



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LOOK FOR THIS SIGN OF SUPER SERVICE! The sign of the FACTORY SERVICE complete stock of wanted sizes and can provide emergen

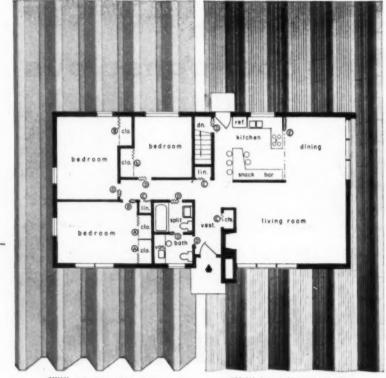
The sign of the FACTORY SERVICE DEALER for Columbia-matic TENSION SCREENS is your assurance of two important building plusses: (1) He will help you "buy right". To do this he carries a

complete stock of wanted sizes and can provide emergency service on special sizes. (2) He will help you "cut costs". An expert on builder screening needs, he will show you installation short cuts that will save you time and money.

For complete details on the Columbia-matic TENSION SCREEN, consult your Factory Service Dealer, who is your local lumber or building material dealer, or write:

THE COLUMBIA MILLS, INC., DEPT. 44, SYRACUSE 1, NEW YORK

.



Hufcor Laminated Accordion Door

AMAMA Fashianfold Basswood Folding Door

## How to Save Over \$200 per House

New Hough Door Construction System Saves and Sells

Actual on-the-job cost comparisons including paint, trim, labor, etc. prove that you can save hundreds of dollars with the Hough Door Construction System. The secret; using both Hufcor and Ra-Tox Fashionfold doors instead of spaceconsuming swinging and sliding doors. The floor plan above is an actual illustration of the system. Seven Hufcor doors, one Hufcor room divider and seven Fashionfold doors were used for a net saving of \$323.79. Find out now how this system works. Ask the Hough distributor in your area to help you make a cost analysis of your own floor plans, or--

Write today on your letterhead for details of the Hough folding door Construction System



Hutser accordian doors with 5-pty semi-rigid laminated covers are built an the vertical pantograph principle. Designed to assure more sound raduction, these doors also have a trim-line architectural beauty and an inborn toughness that makes them the ideal folding wall or closure for kitchen, bedroom, bathroom and other openings.



Re-Tex Feshlenfeld baswood slat doors are distinctively designed to add "plusses" to the decor iff your homes. They save wall and floor space, provide full accessibility, provide needed closet ventilation, are easy to operate and withstand a tremendous amount of abuse. Ideal for closes, utility areas, room dividers.



# BUILDER Reference

#### HARDBOARDS

All types of hardboards, plain, embossed, perforated and decorative are described in this 8-page booklet. Numerous ideas for uses are also shown.—Armstrong Cork Co.

Circle No. 78 on reply card Section 6

#### HARDBOARD PRODUCTS

Builders' 24-page reference booklet on "Presdwood" product line includes illustrations of varied interior and exterior uses, directions for working the material, physical properties, construction details.—Masonite Corp.

Circla No. 79 on reply card Section 6

#### **INSULATING PLANK & TILE**

This 10-page, 4-color, booklet gives many suggestions for new and remodeled interiors. Specifications and installation instructions are given for firm's plank and tile boards.—Armstrong Cork Co.

Circle No. 80 on reply card Section 6

#### LAMINATED WOOD PANELING

Twenty-page descriptive booklet, "How to Use Novoply," shows a number of product's applications along with installation details; gives physical characteristics, dimensions, finishing procedures, other data.—United States Plywood Corp.

Circle No. 81 on reply card Section 6

#### PANELING

Selected wood grain patterns are shown in literature describing product which is backed with tempered hardboard. Installation instructions and design ideas.—Barclay Mfg. Co., Inc. Circle No. 82 on reply card Section 6

#### PINE PRODUCTS

Fully illustrated 24-page booklet shows wide range of Western Pine applications, interior and exterior. A number of pictures are in natural color.—Western Pine Assn.

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Circle No. 83 on reply card Section 6

#### PLASTIC-FINISHED PANELING

"Marlite" Catalog 15551 provides color illustrations of complete wall and ceiling panel line—plain, marbleeffect and several wood grain effects along with feature descriptions and installation data.—Marsh Wall Products Inc.

Circle No. 84 on reply card Section 6

AMERICAN BUILDER

# BUILDER Reference

#### PLYWOOD PRODUCTS

"Weldwood" literature includes new 8-page brochure covering uses, characteristics and installation of "Duraply," phenolic resin-overlaid plywood; and 48-page catalog of entire product line,—United States Plywood Corp.

Circle No. 85 on reply card Section 6

#### VINYL WALL TILES

Literature gives full details on expanded color line of "Bolta-Wall" vinyl tile. Size 8 x 8, installed by wetting with water and applying to wal surface.—Bolta Products.

Circle No. 86 on reply card Section 6

#### METAL TRIM

.

A line of metal trim for drywall in stallation is shown in catalog 23-M. Five styles are available for  $\frac{1}{2}$ " and  $\frac{3}{8}$ " gypsum board. Also illustrated are two types of metal corner guards for installation on drywall.—Drywall Trim, Inc.

Circle No. 87 on reply card Section 6

#### FIBER GLASS BUILDING PANELS

Corrugated, translucent panels are shown in many bright colors in this 4-page brochure, which also illustrates several interesting uses and lists unit sizes and corrugation types.—Alsynite Co. of America.

Circle No. 88 on reply card Section 6

#### TRANSLUCENT PANELS

New brochure illustrates wide uses of reinforced fiber glass and "Nylon" plastic material, gives technical and dimensional data, color choice and construction details.—Filon Plastics Corn.

Circle No. 89 on reply card Section 8

#### **REINFORCED PLASTIC PANELS**

Catalog available on "Structo-glas" a translucent plastic panel. Gives complete specifications and suggestions for uses both interior and exterior. —International Molded Plastics, Inc. Circle No. 90 on reply cord Section 6

#### **TENSION SCREENS**

Complete details on the "Columbiamatic" tension screen which can be installed from inside. Sizes and installation details shown.—The Columbia Mills, Inc.

Circle No. 91 on reply card Section 6

Ask us for more facts about



**Exclusive Features in** 



# VENTO Aluminum Awning Windows

AUTOMATIC LOCKING ... No gadgets to turn, no gimmicks to operate, nothing to get out of order.

WEATHER TIGHT... VENTO alone keeps metal to metal contact plus metal to weatherstrip.

UNLIMITED ADJUSTMENT... Unique in ability to be quickly returned to proper adjustment.

**POWER PLUS CPERATOR**...Screw — not worm geared — operator working in self-lubricating nylon journals.

EFFORTLESS OPERATION.... Nylon roller blocks at all friction points permit finger tip operation.

# VENTO Steel Casement Windows

All casements drilled and tapped to receive storm sash and screens, operator arm guide channels attached with screws for easy removal and replacement, if necessary; ventilator frames constructed from the same heavy sections as the outside frame to provide greater rigidity and stronger ventilators.

### VENTO Bonderized "Champion" Steel Basement Windows



STEEL PROD

247 COLORADO SI

BUFFALO 15, N

Effortless operation gives any of three ventilation openings, or sash removal. Sturdy 14 gauge jamb fins for easy installation in block or poured concrete walls. An improved cam latch and slotted opening allow greater tolerance, insuring positive operation and latching under all conditions. Basement sash also made in Thrifty style in three standard sizes and in special sizes. Both Champion and Thrifty styles available in putty or puttyless glazing. For poured basement walls, window forms available for both Champion and Thrifty styles to suit individual specifications.

	Please send further information on Vento Windows as checked.  AWNING TYPE ALUMINUM STEEL BASEMENT INDUSTRIAL AND COMMERCIAL FORMED STEEL LINTELS STEEL CASEMENT				
212					
10	ARE YOU A BUILDER DEALER ARCHITECT				
	Nome				
	Street				
ET	City and State				



# BUILDER Reference

#### SCREEN AND STORM DOORS

New styles—"Contemporary," "Modulator," and "Continental Stylist." Also booklets giving the Southern, Eastern, and Northwestern selection of wood screen and storm doors.—Continental Screen Co.

Circle No. 92 on reply card Section 6

#### ALUMINUM WINDOWS

Booklet sets forth the advantages of aluminum windows and gives the standard sizes available from major manufacturers. Also give practical hints for handling and storing this product on the job.—Aluminum Window Mfgs. Ass'n.

Circle No. 93 on reply card Section 6

#### ALUMINUM WINDOWS

Literature and builder's prices are available on "Fleetlite" sliding, picture slide and double-hung aluminum windows.—Fleet of America, Inc.

Circle No. 94 on reply card Section 6

#### ALUMINUM WINDOWS

Complete catalog available on the entire "Alwintite" line of aluminum windows. All types of windows as well as storm sash and screens are detailed with specifications. Also includes line of sliding glass doors.—General Bronze Corp.

Circle No. 95 on reply card Section 6

#### ALUMINUM SLIDING WINDOWS

Standard sizes and full size details are given in 4 page booklet on horizontal sliding windows.—Kewanee Manufacturing Co.

Circle No. 96 on reply card Section 6

#### ALUMINUM WINDOWS

New literature available on several products in company's line: aluminum awning windows; residence steel casements; architectural projected windows; industrial and commercial steel windows; basement utility and barn windows.—Vento Steel Products Co.

Circle No. 97 on reply card Section 6

#### METAL WINDOWS

Catalogs are available on firm's complete line of aluminum and steel windows. Sizes, details and installation procedure are given in detailed drawings.—William Bayley Co.

Circle No. 98 on reply card Section 6

#### **ALUMINUM WINDOWS**

This 28-page aluminum window catalog describes features and gives sizes, installation details and other valuable reference data on firm's complete line of windows.—Ware Laboratories, Inc.

Circle No. 99 on reply card Section 6

More Living Area 9n Every Home You Build

WARREN FOLDING DOORS



### as much as \$1,000 worth of floor space saved in every home

by eliminating space wasted for storing doors...as high as 90 square feet made useful... with Warren Folding Doors.

#### **Compare the Sales Appeal**

The style and beauty of Warren Folding Doors will help sell your homes. Smart buyers will love the way two rooms can be made into one . . the way a wardrobe closet is "wide-open" with the swish of a Warren Folding Door . . and they II love, too, the way corners are left clear for completing their decorating and furnishing schemes.

#### **Compare the Cost**

No precise fitting – no mouldings or hinges are needed. Warren Folding Doors glide on an overhead track that can be installed in minutes. Both ends can be left unatached for "Free Swinging" doors. Warren Doors come complete with screws ready for installation.

#### **Compare the Quality**

Warren Folding Doors are fashioned from  $\frac{7}{6}$ " wide basswood slats tightly woven with heavy Seine Cord. Sturdy moulding members are attached to the ends. Ten high-gloss special enamel finishes, plus natural, are available. There's a color that's right for every interior decor. Warren Folding Doors are perfect for wardrobes, closets, room dividers at almost all inside entrances.

#### THREE SHIPPING POINTS

Faster Service-Reduced Shipping Costs -Write today to one of the Warren Plants, strategically located across the country, for more information about Warren Folding Doors.



#### METAL WINDOWS

AMERICAN

BUILDER

New 46-page catalog on "Lupton" line of aluminum and steel windows, steel doors, fully covers general information, installation data and recommended uses.—Michael Flynn Mfg. Co.

File

Reference

Circle No. 100 on reply card Section 6

#### SLIDING WINDOWS

An 8-page catalog and additional bulletins are available on firm's line of aluminum horizontal sliding windows. Sizes, dimensions, features and complete sectional details shown for installation in all types of walls.— Peterson Window Corp.

Circle No. 101 on reply card Section 6

#### SLIDING WINDOWS AND DOORS

Specifications and full size installation details are shown in this 16 page catalog on aluminum sliding windows as well as aluminum and steel sliding doors.—Michel and Pfeffer Iron Works, Inc.

Circle No. 102 on reply card Section 6

### STEEL WINDOW & DOOR FRAMES

Literature on steel casings and "Kwik-Fit" door frames with drawings and special applications. Also 4 page booklet on "Kewanee Steel Window Buck" window frame.—Kewanee Mfg. Co.

Circle No. 103 on reply card Section 6

#### STEEL WINDOWS

Firm's 1956 Catalog provides full data on steel window line—illustrations, specification data, size charts, installation details. Includes casements, ranch windows, utility types, storm sash.—Hope's Windows Inc.

Circle No. 104 on reply card Section 6

#### STEEL WINDOWS

Catalog available on complete line of galvanized steel prime windows. Included are horizontal slide, vertical slide, "Fulvue" and "Multi-lite," with details and specifications.—F. C. Russell Co.

Circle No. 105 on roply card Section 6

#### WINDOW IDEAS

New window ideas are well illustrated in three booklets. The 20 page booklet "A Treasury of Ideas" deals with remodeling, "32 Ideas for Window Beauty"—36 pages—suggests the type of window to use, and a 20 page booklet entitled "Only the Rich Can Afford Poor Windows" suggests that quality is economy—and tells why.— Andersen Corporation.

Circle No. 106 on reply cord Section 6

# engineered for Lifetime durability

How many times have you noticed your prospects looking at the windows as you point out your new home features... and then check those windows for ease of operation? Custom home buyers are becoming more discriminating about windows. To many such buyers, the quality and appeal of the windows are indications of home quality. YOU MAY MAKE OR LOSE A SALE AT THIS EARLY STAGE.

Peterson Windows have the looks and engineering which create customer appeal and confidence. Completely integrated units with self-storing storms and screens, they're clean-cut in line, with no frills or projections. Rigid bax-type construction lends strength and durability. When double-glazed, full 1" sealed unit insulation value is attained. Hi-pile weatherstripping, supplemented by vinyl, seals windows to commercial air infiltration limits. The sash rides effortlessly on ball-bearing rollers. Add modest cost, ready availability, adaptability to all types of construction, ease of installation and lack of maintenance problems.

#### **Re-check**\*These Features:

#### √ Customer-Appeal

- V Modest Cost
- V Quick Delivery
- √ Less Job-Site Problems
- $\sqrt{}$  No maintenance factors

Send for technical data and name of your nearest Peterson Window representative.

B101

PETERSON WINDOW CORPORATION Dept. 4-8 1421 East 8 Mile Road, Ferndale 20, Michigan NAME ADDRESS CITY\_\_\_\_\_\_ZONE\_\_STATE



#### AMERICAN Reference BUILDER File

#### WINDOW-WALLS

Booklets contain information on modular window frames of wood. Specifications and dimensions give design ideas for an almost unlimited number of installations .- Fabrow Mfg. Inc.

Circle No. 107 on reply cord Section &

#### AWNING-TYPE WINDOW

The new "Malt-A-Vent" awning-type window is described in this folder. Can be used as a single unit or combined in groups. Available in both fixed and operating type models .-The Malta Mfg. Co.

Circle No. 108 on reply cord Section 6

#### WOOD AWNING WINDOWS

Features of the awning window are described in this 4-page folder. Installation details also shown.-R.O.W. Sales Co.

Circle No. 109 on reply cord Section &

#### WOOD AWNING WINDOWS

"Kind-to-Women Window" is title of this new folder, which covers features, construction details of "E-Z-Vent" awning-type window line.-Roach & Musser Co.

Circle No. 110 on reply card Section 6

#### WOOD AWNING WINDOWS

Booklet EZ-857 provides specifications, construction details, stock sizes and other handy data on "E-Zee Loc's" wide range of awning units.-Woodco Corn.

Circle No. 111 on reply card Section 6

#### WOOD WINDOWS

Literature describes the patented balance features of this line of doublehung wood windows which allows sash to be removed from inside .- A.R.B. Window Sales Co.

Circle No. 112 on reply card Section 6

#### WOOD WINDOWS

This new 36-page catalog gives complete designing information on Andersen's line of quality wood windows. Five different window units are featured with size ranges specifications and installation details for all types of construction .- Andersen Corp.

Circle No. 113 on reply card Section 6

#### WOOD WINDOWS

-

Latest Catalog on "BeeGee" wood windows gives full details, sizes, dimensions, and types. Also illustrates picture window combinations.-Brown-Graves Co.

Circle No. 114 on reply card Section 6

Residence of Byron T. Sample, Assoc., Stainback & Scribner, Archs., Charlottesville, Va. Gen. Contr., Edw. Van Laer, Inc., Char-

DOORWAY TO GREATER

GROUND

# SALES OPPORTUNITIES

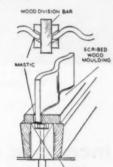
#### Give Your Homes a Brighter Look ... Add Eye-Appeal and Buy-Appeal with Structural Corrugated Glass

Translucent, light diffusing glass is in the modern mood. It can make your homes more interesting ... more inviting ... more buy-able. Mississippi's Structural Corrugated glass adds that something extra that turns suspects into prospects ... sells on sight,

Home buyers love the effects that only Structural Corrugated glass can create ... floods interiors with flattering "borrowed" light ... makes rooms seem more spacious, friendlier.

And Structural Corrugated glass is easy to install. No plastered partitions. Eliminates wall painting. Always looks new. Give your homes the bright look that buyers look for. See your nearby Mississippi Glass distributor.

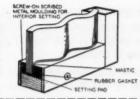
Send today for free Installation Specifications bulletin. Illustrated, detailed explanations for working with this modern material. Also ask for free booklet, "Modernize Your Home With Decorative Glass." Photographs of actual installations. Many ideas on ways to use this exciting new medium. Mail the handy coupon below.



CAST META

METAL





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One of a group of homes in the \$12-16,000 bracket by Designer Cliff May and Architect Chris Choate – built in San Clemente, California by the J. C. Douglass Construction Company.

## Here's how Cliff May Increased sales 100% with carpet in the package

"My experience is that carpeting in any home, regardless of price or size, gives it a more finished look and a more luxurious look," says Cliff May of the Cliff May-Chris Choate System in California.

Reliable consumer surveys bear this out. Women prefer carpet 13 to 1. But when they're buying a new house, their cash and credit are tied up. They feel they can't afford carpet for their new home. And that's where Cliff May's franchised builders all over California cash in. They include carpet in 'the purchase price and the home moves 100% faster. offer his customers the widest possible selection of colors and patterns – no inventory necessary, no installation problems. The customer gets her new house complete with the carpet she's always wanted. And the builder has made another sale.

Many builders all over the country are using carpet to sell their homes faster. How about you? Get together with your local carpet retailer to work out all the details. And contact your local lending organizations for the best way to set up financing arrangements. Sell your homes with carpet and sell them faster.

Working with a local carpet retailer, the builder is able to

Home means more with carpet on the floor-more comfort - quiet - safety - beauty - easier care

Offer carpets designed and made for the American way of life by these American manufacturers Artloom • Beattie Bigelow • Cabin Crafts-Needletuft • Downs • Firth • Gulistan • Hardwick & Magee • Hightstown • Holmes • Karastan Lees • Magee • Masland • Mohawk • Nye-Wait • Philadelphia Carpet • Roxbury • Sanford • Alexander Smith

CARPET INSTITUTE, INC., 350 Fifth Avenue, New York 1, N.Y.

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AMERICAN BUILDER



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## **SECTION 3** Hardware & Building Specialties

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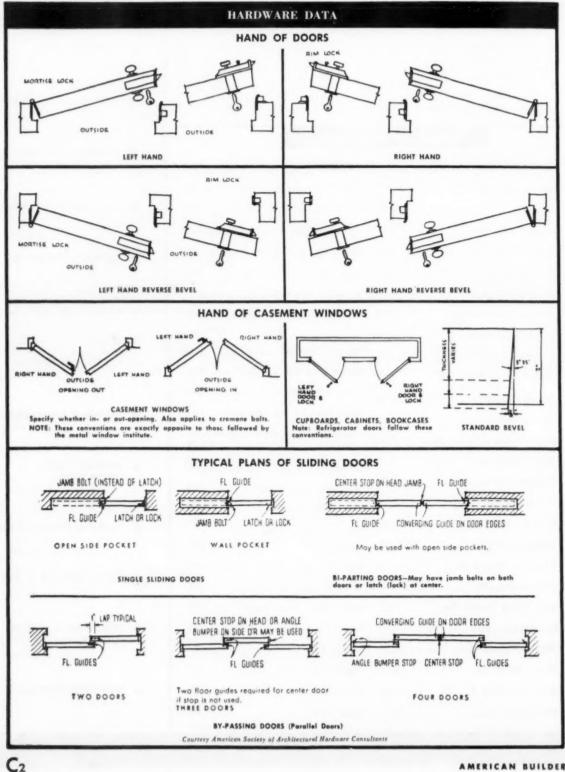
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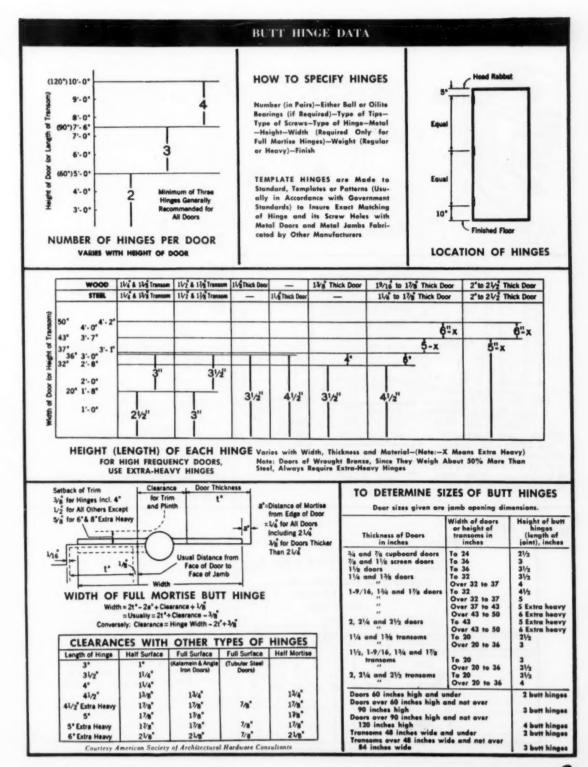
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C40 C48	NAILS, SCREWS & BOLTS
Corp C38	ORNAMENTAL METAL     & IRON
Ç37 C29 C41	• WEATHERSTRIPPING
2, C23 C40 C48 ds., Inc. C47 Corp C38 C9 C37 C29	<ul> <li>NAILS, SCREWS &amp; BOL</li> <li>ORNAMENTAL METAL &amp; IRON</li> </ul>

EVERY PAGE PLANNED TO HELP YOU IN ESTIMATING, DESIGNING AND BUYING



AMERICAN BUILDER

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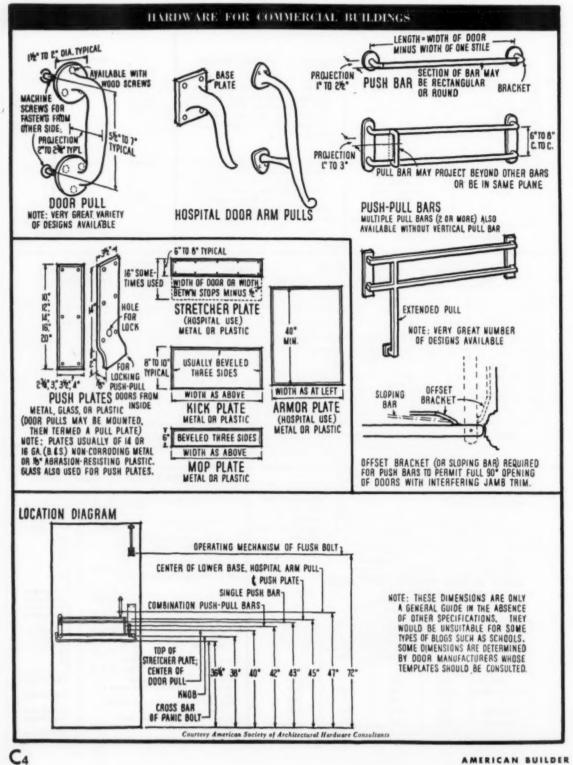


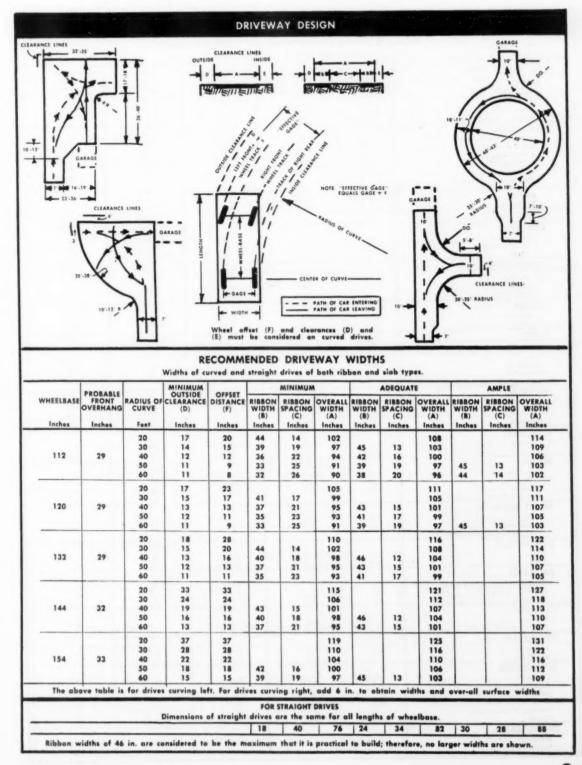
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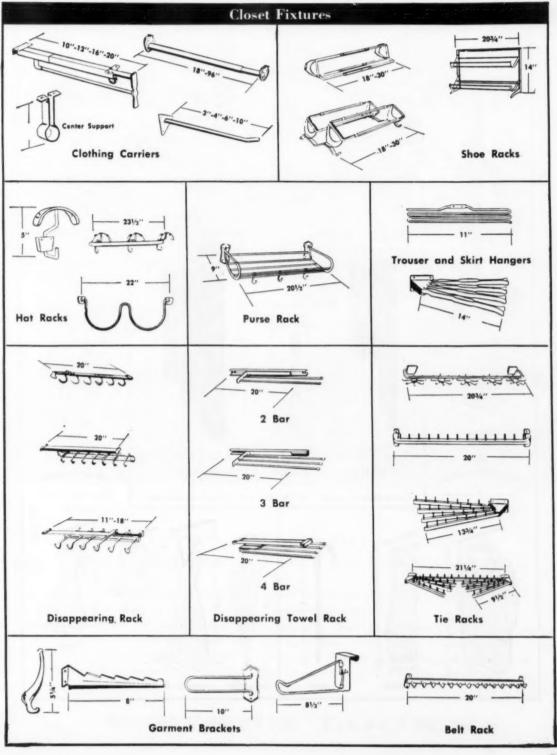


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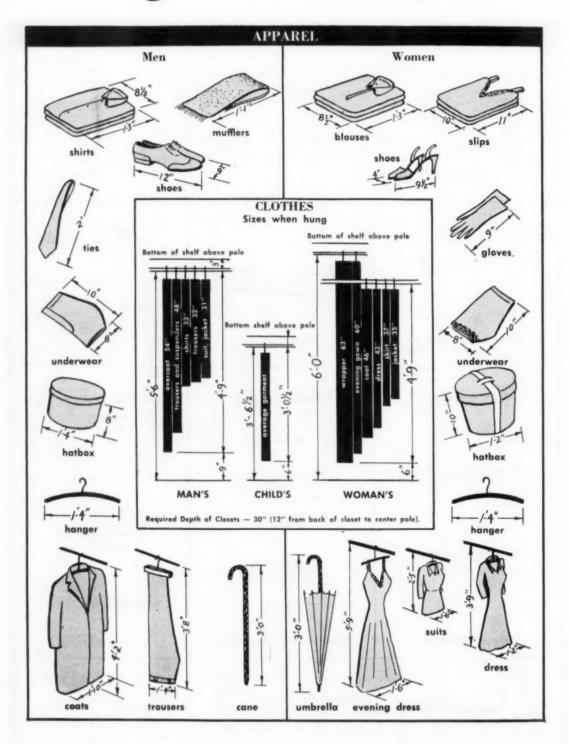
# Section $\mathcal{C}$ Hardware & Building Specialties

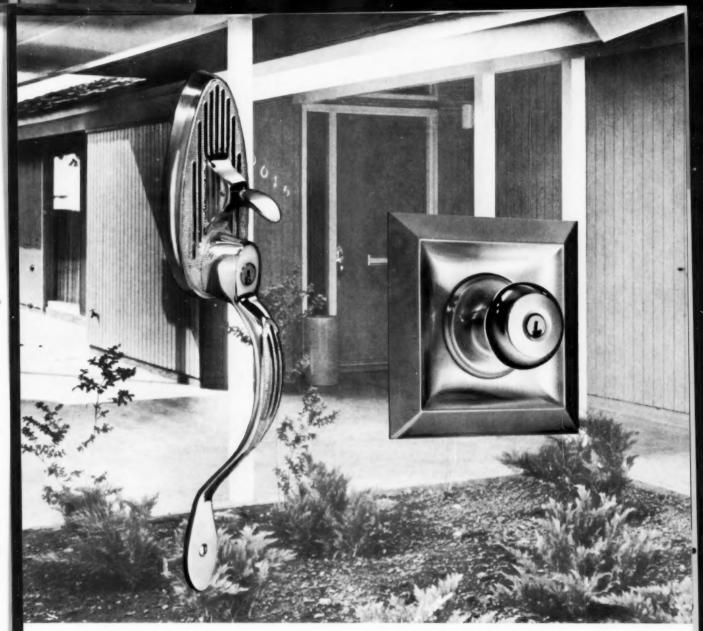
PASSENGER CAR DIMENSIONS					
Turning Diameter, Overall Length and Width Dimensions and Overall Height for 1956 Models					
					Overall
	Wall to Wall	Curb to Curb	Length	Width	Height
BUICK: Special (40)	(feet) 44.0	(feet) 41.6	(inches) 205.1	(inches) 75.5	(inches)
Century (60)	44.0	41.6	205.1	75.5	60.4 59.8
Super (50)	45.5	43.0	213.6	80.0	62.5
Roadmaster (70)	45.5	43.0	213.6	80.0	62.7
6237S (Eldorado Cps.)	45.8	43.4	222.2	80.0	59.8
62675 (Eldorado Cvt.)	45.8	43.4	222.2	80.0	60.2
6267 (Coupe Convt.)	45.8 45.8	43.4 43.4	221.9 214.9	80.0	60.0
6219 (Sedan) 6239D (Sedan Deville)	45.8	43.4	221.9	80.0 80.0	62.0 59.7
6237 & 6237D (Coupe &					
Coupe Deville) 6019 (Sedan)	45.8	43.4 45.0	221.9 225.9	80.0 80.0	59.6 62.0
75 (Sedan & Sedan Imp.)	54.1	51.7	235.7	80.0	63.9
CHEVROLET	44.5	41.5	197.5	73.4	60.5
CHRYSLER:					
C-71 Windsor	46.5	43.7	219.9	78.8	60.6
C-72 New Yorker C-72-300	46.5 46.5	43.7 43.7	221.2 222.7	81.0 78.8	60.9 59.4
CONTINENTAL	47.7	45.3	218.5	77.5	56.0
DE SOTO:	1				
Firedome \$-23	46.3	43.7	217.9	78.3	60.6
Fireflite S-24	46.3	43.7	217.9	78.3	60.6
DODGE:					
D-62-1 Coronet Royal & Custom Royal	43.0 43.0	42.8 42.2	212.0 212.0	74.6 74.6	60.6 60.6
FORD	Not Available	41,18	198.5	75.9	60.4
HUDSON:					
Wasp 6	41.8	39.2	202.25	78	61.75
Hornet 6	45.2	42.6	209.25(1)	78	62.25
Hornet V-8 (1) 219.25 with continental tire	45.2	42.6	209.25(1)	78	62.38
IMPERIAL:					
Imperial	52.6	51.9	243.6	79.1	61.8
Crown Imperial	47.3	45.2	229.6	78.8	61.2
LINCOLN	49.18	45.54	222.8	79.9	60.2
MERCURY:	45.9	43.19	206.4	76.4	60.6
Custom & Monterey Montclair	45.9	43.19	206.4	76.4	58.8
NASH:					
Ambassador 6	47.0	44.3	209.25(1)	78.0	62.25
Ambassador V-8 Statesman	47.0	44.3 42.7	209.25(1) 202.25	78.0 78.0	62.38 61.75
(1) 219.25 with continental tire					01.75
NASH RAMBLER:					
Rambler	40.0	37.5	191.14(1)	71.32 71.32	58 58.57
Station Wagon	40.0	37.5	193.61	71.32	58.57
OLDSMOBILE:					
88	44.7	42.0	203.29	78.62	60.5
Ninety-Eight	45.7	43.0	212.29	78.62	60.5
PACKARD: Clipper	46	43	214.8	78	62
Packard	48	45	218.5	78	62.3
Caribbean	48	45	218.5	78	62.3
PONTIAC: Pontiac .					
Pontiac	44.9 45.4	42.4 42.9	205.6	75.1	60.5 60.5
PLYMOUTH:			1		
6 cylinder	42.1	41.1	204.8	74.6	60.1
8 cylinder	42.1	40.5	204.8	74.6	60.1
STUDEBAKER: Champion	115.005	20 6 20 5	200.75	71.01	50.75
Flight & Golden Hawk	41.5-42.5 43-44	38.5-39.5 40-41	200.75 203.94	71.31 70.44	59.75 56.31
Pelham, Parkview, "Pinehurst	41.5-42.5	38.5-39.5	196.75	71.31	61.88
Power & Sky Hawk President & Commander	43-44 41.5-42.5	40-41 38.5-39.5	203.94 200.75	70.44 71.31	58.13 60
Classic	43-44	40-41	204.75	71.31	60
THUNDERBIRD:					
(hardtop)	Not Available		185.1	71.3	52.2 52.4

AMERICAN BUILDER



APRIL 1956







### A WEISER LOCK ON THE DOOR TELLS THE WORLD "HERE'S A BUILDER WHO USES THE FINEST MATERIALS"...

You couldn't say it better if you hung a sign on the front door. For the high quality of Weiser Locks is readily recognized by prospective buyers and the conclusion is obvious..."if this builder uses the finest locks, he has no doubt used other quality materials throughout the house."

And prospective buyers will be impressed with the rich, good-looking finishes of brass, bronze, chrome or two-

tone – finishes that add dollars to the value of the house in any buyer's eyes.

Yes, when a builder uses Weiser Locks he adds a powerful sales feature to his home...a feature that will provide years of guaranteed trouble-free service. There are no regrets when you buy quality, so next time – specify WEISER.



WEISER LOCKS

WEISER COMPANY . SOUTH GATE, CALIFORNIA



## homes...with NATIONAL LOCK hardware



NATIONAL LOCK SET

... finest in quality and construction

Smartly styled in simple, smooth-flowing lines, NATIONAL LOCKset blends graciously with every type of architecture. The very newest knobs, escutcheons, decorative and functional trim are offered in popular Brass, Bronze, Chrome and Aluminum finishes. NATIONAL LOCKset is precision-engineered and quality-made to assure security and long-term dependable service. Easily installed in only 7 simple steps.

### distinctive CABINET HARDWARE brings

"buy" appeal to kitchen, game room, den

Skillfully created in Chrome, Bronze, Black and Brass, National Lock Cabinet Hardware brings pleasing appearance to both natural and painted surfaces. Pulls, knobs and backplates in matching or contrasting decor. Inset hinges for <sup>3</sup>/<sub>4</sub>" flush or <sup>3</sup>/<sub>8</sub>" offset doors. Individually packaged . . . quickly and easily installed. Inquire about the new "Decorator" line in striking Black and Brass! Concave and taper designs.

### SHELF and BUILDERS' HARDWARE in a

wide selection of types, sizes, finishes

From a 1" light narrow butt . . . to a 12" T hinge . . . everything to answer your building requirements. Made of finest quality Steel or Brass. Durable finishes include Bright and Dull Brass, Zinc Plate, Dull Bronze, Bright Chrome or Plain Steel.

**Merchant Sales Division** 

SEE YOUR BUILDING MATERIAL SUPPLIER OR WRITE US FOR LITERATURE



NATIONAL LOCK COMPANY

Rockford, Illinois

AMERICAN BUILDER

FITS-ALL Adjustable SCREEN DOOR GRILLES Now come in 3 exciting finishes

IR

WOW/

### Never rusts - never dulls - never tarnishes

silvery satin

ALBRAS Anodized

BRASS

America's most beautiful screen door grilles are now available in three exciting, lifetime finishes that give them new eyeappeal and new sales appeal! ALBRAS Anodized Brass . . . ALBRIGHT Anodized Chrome . . . Silvery Satin ALACROME. These permanent finishes will never rust, never tarnish, never dull, never chip. They stay everlastingly beautiful. Never before have you been able to choose from such a complete line of M-D adjustable screen door grilles in so many beautiful, enduring finishes.



MACKLANBURG-DUNCAN CO.

P. O. BOX 1197 - OKLAHOMA CITY 1, OKLAHOMA

## Striking New Beauty

dize

HROM

FITS-ALL NO. 8 This graceful grille adds beauty to any screen door. designed to fit all standard doors and adjustable to many others. Packed in individual, colorful display carton with full instructions and necessary screws. Available in 3 finishes.

> SEE NEXT 2 PAGES

These Beautiful MED. Now Available in .



#### FITS-ALL No. 5

Gracefully designed, yet fully adjustable for nearly all standard size screen doors. Easily installed on wood or metal combination doors. Each grille packed in attractive individual carton with complete instructions for installing and suggestions on how to arrange scrolls. Available in three finishes.

#### FITS-ALL No. 8

Another new grille that is selling like hot cakes. Features M-D's patented "flower-pot" style holder which makes it easy to install and adjust this popular grille on nearly all standard size screen doors. Individually packed in colorful carton with complete instructions and screws. Available in three finishes.

Surface Clamps Included Surface clamps are furnished FREE with Grilles No. 5, FS, 8 and 9. These clamps make it easy to install grilles on the surface rather than between stiles. Simply place clamp over each scroll as shown at right.



### FITS-ALL No. S6

This striking grille is an All-American favorite. Graceful in design and available in three finishes. Easily installed and fully adjustable on standard size screen doors. Packed in individual colorful carton with full instructions and necessary screws.

FITS-ALL NO. 9

This graceful grille adds beauty to any screen door, designed to fit all standard doors and adjustable to many others. Packed in individual, colorful display carton with full instructions and necessary screws. Available in 3 finishes.

DEALERS ORDER TODAY --- your order will receive prompt shipment.



## FITS-ALL No. FS

.

Here is a popular grille that provides full protection for full-size panel screen doors. Fits-All No. FS can be adjusted to fit doors from 22" to 30" wide, and from 75" to 55" high between stiles. Available in Anodized Brass, Anodized Chrome and Alachrome finishes. Packed 6 grilles to a carton.



6

@

BUILDERS Sold by all Hardware, Lumber and Building Supply Dealers.

# Adjustable SCREEN DOOR GRILLES



A rich-looking, brilliant finish. Never rusts, tornishes or dulls.



0000



A bright, everlasting finish. Never rusts, tarnishes or dulls.

#### FITS-ALL No. 1

Instantly adjustable to all screen doors. Accordion-like action permits expansion from 16" to 3034" in expansion from 10 to 30% in width between stiles and from 40%'' to 30%'' high. Squared up size is  $30\%'' \times 30\%''$ . Packed 12 to carton, screws furnished.

#### FITS-ALL No. 3

For lower section of door with cross-bar. Fully adjustable from 14" wide and 32½" high between stiles to 25" wide and 25" high between stiles, 12 to carton,

#### FITS-ALL No. 4

For upper section of doors. Adjusts from 19½" wide and 34" high between stiles to 33¾" wide and " high between stiles. Packed 2034 12 to corton

#### FITS-ALL No. 7

Adjusts from 14" wide and 333/4" high between stiles to 26" wide and 26" high. Squares up at 26" x26". Packed 12 to carton.



#### FITS-ALL No. 2

For doors with divided sections. Each side adjusts from 13" wide and 193/4" high to 14½" wide and 17½" high. Packed 12 pairs to carton.



#### M-D MESH GRILLE Interlaced ribs form

strong protection for screen. Available for 32" and 36" doors. Packed 6 or 12 to carton.



0000000

Silvery Satin

LACROME

A beautiful soft, silvery satin

finish. Will not rust, tarnish or dull.

#### NU-WAY GRILLE

Easily installed on doors or as window guards. Fits 30" and 32", 36", 42" doors. Available in steel black enomel or in aluminum with all 3 finishes.

## M-D PUSH GRILLE No. 4 An expensive, graceful push grille 4" high for either 32" or 36" doors. Available in all 3 finishes. Packed 12 to carton.



M-D PUSH GRILLE No. 6 Another handsome, law-priced push grille for eluminum or wood doors. 6" high for 21", 23" and 27" insert panels and for regular 32" or 36" doors. Packed 12 to carton.



M-D PUSH GRILLE No. 15 A graceful addition to any combination door --wood or metal, 16" high for either 32" or 36" doors. Packed 12 to carton,



M-D PUSH GRILLE No. 16 Made especially for combination doors—wood or metal. 15" high for 21", 23" and 27" insert panels and for regular 32" or 36" doors. Packed 12 to a carton,









#### DOESN'T COST YOU



## TO INCLUDE THE MOST OVERDUE IMPROVEMENT

The builder's world is full of things which are simply itresistible to home buyers; things like atomic shingle nails and ultrasonic basement waterproofing, which draw buyers like a magnet. You've read about them.

Delco-matic is different. It won't persuade a fourbedroom family to settle for three and it isn't an adequate substitute for an extra bathroom.

But, it IS the most overdue improvement in any fine home because it mechanizes the LARGEST PIECE OF MOVING EQUIPMENT in any home—the garage door—and that makes a lot of sense to most people.

Delco-matic will make a lot of sense to you, too, when we tell you that it is nationally advertised in magazines such as Better Homes, U. S. News, House & Garden, House Beautiful, etc. and, further, that you can include it (and that potent name G.M.-Delco) in your new homes without one red cent of cost to you.

Just call your local Crawford Door Sales Co., listed in your classified phone book under DOORS. Call now, it's worth while.



Crawford Door Co. BUILDER SALES · INSTALLATION · SERVICE Delco-matic GARAGE DOOR OPERATORS. BUILDER SALES · INSTALLATION · SERVICE Crawford GARAGE DOOR OPERATORS.



APRIL 1956



### assures low installed cost and smooth, perfect action

Unique design allowing pre-attachment of carriers to doors, cuts installation time to a minimum. Grant experienced engineering gives you positive assurance of smooth, quiet action and durability. All metal parts are rust resistant...carrier wheels are self-lubricating nylon. Complete sets of parts needed for installation come to the job site packaged in sturdy, sealed tubes.

108 Pages of Important Data. Get your copy of Grant's catalog. Full data on all sliding hardware needed in construction. Free, of course.



self-facing track

concealed carriers

C16

track designed to prevent doors from jumping

Check plans for sliding-door luxury touches that sell houses



Grant sliding hardware

Grant Pulley and Hardware Corp. 31-85 Whitestone Parkway, Flushing 54, N.Y. 944 Long Beach Avenue, Los Angeles 21, Calif.

Other Grant Products. Drawer Slides • Drapery Hardware • Sliding Door Pocket Frames Sheaves & Tracks • Pulls • Industrial Slides

# = .7.55 and BLACK

Colonial Design, shown actual size

DEXTER LOCK DIVISION DEXTER INDUSTRIES, INC. Grand Rapids, Michigan In Canada: Dexter Lock Canada Ltd., Guelph, Ontario In Mexico: Dexter Locks, Plata Elegante, S.A. de C.V., Mexico City

There's new drama in Dexter's Regal line — it's the Colonial Design now in two tone brass and black finish. Also available in two tone bright chrome and dull bronze and in standard finishes. This lock is available with 5", 71/3" and 18" backset, pin or disc tumbler cylinder, deadlocking or spring latch. Solid brass exterior parts, brass knobs, steel reinforced, inside parts cold-rolled steel, no die castings. Änother Dexter © Lifetime © Lock.

NO LOCK INSTALLS FASTER THAN A DEXTER

Interior locks in matching two tone finishes are also available.



Buyers appreciate their modern design which positively seals out rain, dust, insects, snow, draft. They like its ease of cleaning — dirt sweeps right over, stains wipe off. DURAflex thresholds are convincing evidence that you have overlooked

! Thresholds the

sell houses for you!

no detail in making your homes the finest of their class!



Installs faster-saves 50% or more on labor! Self-sealing: 3-way seal hugs floor and door. No hooks or clips on bottom of door! Installs rapidly with just a screwdriver! No call-backs—DURAflex is permanently trouble-free, automatically adjusts to swelling or warping of door. Rosenbaum

Chanen

#### **Builders go for DURAflex**

Nate Rosenbaum and Herman Chanen, Associated Builders Inc., builders of the winning home for Phoenix Parade of Homes, say, "DURAftex definitely adds to sales appeal, saves substantial money on installation "

See your building supply dealer or write:



3500 N. W. 52nd Street . Miami 42, Florida

PLANTS: PHOENIX, MIAMI, TORONTO

U.S. Pat. 2,718,677 U.S. and Foreign Pats. Pending

C18



### A NEW FASHION FEATURE FOR THE ENTRANCE OF EACH HOME

Continental design openback escutcheon, 11° x 8°. Colored background is paint applied to door. Shown with Saturn design lock.

The modern accent's on color ... and now with Schlage's new open-back lock escutcheons you can give the entrance of your homes a personalized "Color-Accent" as current as today's colorful interiors. Behind the rectangular symmetry of the Manhattan or the circular simplicity of the Continental, an infinite variety of colors can be used to contribute to the individuality of the home behind the door. Free to select from thousands of paints, you can combine striking lock designs with attractive colors to help give your homes fashionable variety - or you can achieve entirely different effects by using these distinctive designs on natural or solid color doors. Low in cost, yet rich in appearance, the new open-back escutcheons (available in brass, bronze or aluminum) can be combined with a wide assortment of original Schlage lock designs to lend further decorative versatility to your doorways. From Schlage, the originators of the cylindrical lock, comes another original ... "Color-Accent" locks!

Send for New "Lock Fashions" Brochure #651 -Y-4. For illustrated applications of the new "Color-Accent" concept, attractive suggestions in doorway decoration, and complete information on Schlage residential lock and escutcheon designs, write today for this handsome 4-color, 12-page brochure... or consult your

Manhattan design openback escutcheon, 8" x 4%"

applied to door. Shown with Tulip design lock.

Colored background is paint



local hardware supplier.

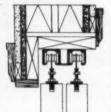
SCHLAGE LOCK COMPANY SAN FRANCISCO • NEW YORK • VANCOUVER, B. C. Address all correspondence to San Francisco

### KennatracK sliding door hardware CABINET AND WARDROBE BY-PASSING DOORS





For 13%" and 134" wardrobe by-passing doors. Center mounted adjustable hangers provide even distribution of door weight over 8 nylon wheels. Min. headroom 115/16". Max. door weight 100 lbs.

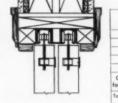


DOOR WIDTH	R	OUGH OPENING WIDTH									
DOOR WIDTH	2 DOOR	3 DOOR	4 DOOR								
24-	49 1/4"	72 1/2"	961/2"								
28"	57 1/4"	841/2"	1121/2"								
30"	61 1/4"	901/2"	1201/2"								
32"	65 1/4"	961/2"	1281/2"								
36"	73 1/4"	1081/2"	1441/2"								
Opening widths for other door sizes	2 x door width + 1 1/4"	$3 = door width + \frac{1}{2}$	4 x door width + 1/2"								





For 13%" and 134" wardrobe by-passing doors. Exclusive non-adjustable hangers permit extra neat and secure installations. Min. headroom 1". Max. door weight 100 lbs.



or other door sizes	+ 11/4"	+ 1/2"	+ 1/2."				
Opening widths	2 x door width	3 x door width	4 x door width				
36"	73 1/4"	1001/2"	1441/2"				
32"	65 1/4"	961/2"	1281/2"				
30"	61 1/4"	901/2*	1201/2"				
28"	57 1/4"	841/2"	1121/2"				
24"	49 1/4"	721/2"	961/2"				
0004 01011	2 DOOR	3 DOOR	4 DOOR				
DOOR WIDTH	R	OUGH OPENING WID	TM				

.



SCOTTIE

SERIES

For <sup>1</sup>/<sub>4</sub>" (Series 5000) and 1/<sub>9</sub>" (Series 5500) by-passing doors. Easy to in-stall—track can be installed after application of trim in conventional manner. Facia can be plain or paint-ed. Extra smooth performance, Max-imum weight per door 75 lbs.

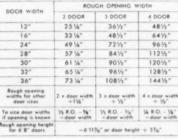
FACIA TRACK

Solid brass accessories for every sliding door installation.

Standard and split finishes.

INSTALL





4 DOOR

48 1/2"

64 1/2"

96 1/2"

1121/2-

1201/2"

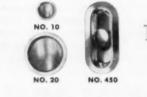
1281/2"

1441/2



### 4 + door width 3 a door width 1/2 R.O. - 1/6" 1/2 R.O. - 1/6" = door width = door width 1/4 R.O. - 1/8" =6'11%s" or door height + 3%s"

#### KennatracK CESSORIES AC



TO



•

NO. 6046

ALUMINUM



KENNAGUIDES

Molded nylon Kennaguides included with all series. Can be used with or without, millwork for single or by-passing doors regardless of thickness. Slotted screw holes permit fine adjustment.

TRACK

NO. 50 NO. 55	U.	
	NO. 50	NO. 55

NO. 75

NO. 70

n



### built by specialists...specially for builders ROOM-TO-ROOM, OPEN AND CLOSED POCKET DOORS



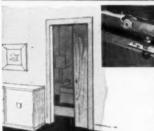
### Series 300

For 3/4"-13/8" open and closed pocket doors. Exclusive nonadjustable hangers permit extra neat and secure installations. Min. headroom 1". Max. door weight 100 lbs.



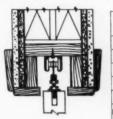
DOOR	ROUGH OPENING WIDTH
24"	49 5/8"
28″	57 5/8"
30″	61 5%"
32″	65%"
36"	73%"

Rough opening height = door height + 31/a".



Series 350

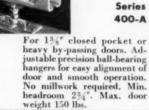
For 13%" closed pocket door installations. Center mounted adjustable hangers provide even distribution of door weight over 8 nylon wheels. Min. headroom 1<sup>15</sup>/<sub>16</sub>". Max. door weight 100 lbs.



ROUGH OPENING WIDTH
495%
57 5/8"
61 5/8"
65%"
735%"

Rough opening height = door height + 43/4"

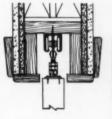




NEW

Easy To Install Pivotal con-

Pivotal con-nection of header and jambs allows independent leveling and plumbing of these mem-

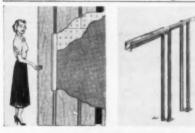


IMPROVED Kennaframe

DR WIDTH	ROUGH OPENING WIDTH
24"	49%"
28"	57 %"
30"	61%*
32"	65%"
36″	73%"
	x door width +1%".

**SLIDING DOOR POCKET** FOR 1%" DOORS

Lengths up to 20 feet available on special order



ROUGH OPENING DIMENSIONS

Series No.	Size Door	Rough Opening	Ship. Wt.
920	2'0" x 6'8"	4'1" x 7'1/2"	47 lbs.
924	2'4" x 6'8"	4'9" x 7'1/2"	48 lbs.
926	2'6" x 6'8"	5'1" x 7'1/2"	49 lbs.
928	2'8" x 6'8"	5'5" x 7'1/2"	50 lbs.
930	3'0" x 6'8"	6'1" x 7'1/2"	52 lbs.
	920 924 926 928	No.           920         2'0" x 6'8"           924         2'4" x 6'8"           926         2'6" x 6'8"           928         2'8" x 6'8"	No.         200         2'0" x 6'8"         4'1" x 7'1/2"           924         2'4" x 6'8"         4'9" x 7'1/2"           926         2'6" x 6'8"         5'1" x 7'1/2"           928         2'8" x 6'8"         5'5" x 7'1/2"

Two series to choose from. Series 800 has Series 400 A track and bangers factory installed. Series 900 uses Series 350 hardware.

NYLON

FREE Buyer's Guide takes the guesswork out of selecting and installing sliding door hardware. Completely describes and illus-trates the full line. Write today for your copy.

WHEEL

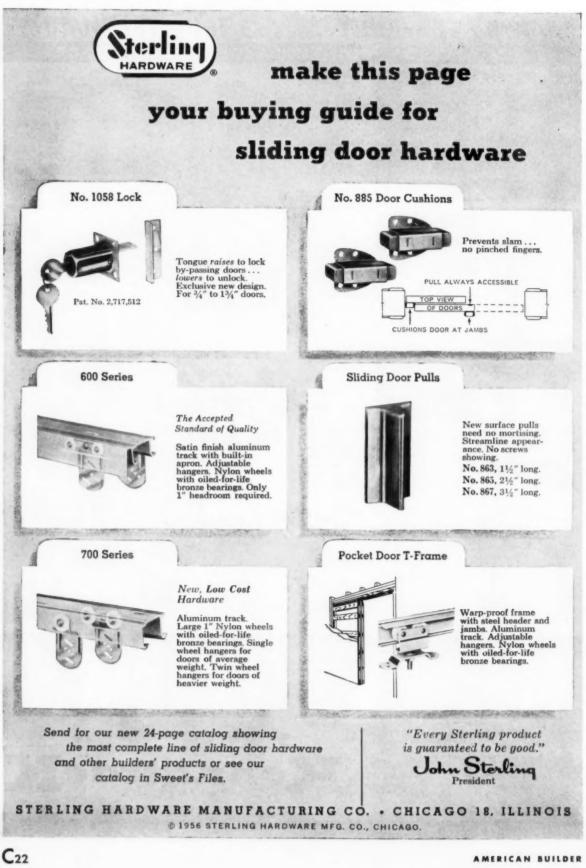
S

WARP PROOF . COMPLETELY PACKAGED . LASTS A HOUSETIME **Removable Track** All steel head-All steel head-er and jambs assures trou-ble-free opera-tion. Header design allows removal of track without disturbing fin-ished wall.

PAT 2 732 919



tra enna CORPORATION ELKHART, INDIANA PACKAGED SETS





### which house will Sell FIRST? Answer: the house with the Glamour Touch FAWSCO ALL-ALUMINUM • AWNINGS • CANOPIES • SHUTTERS AND • ORNAMENTAL IRON

### NEW Terrace Canopy (All-Aluminum) • SIZES: 8' x 10'-10' x 12'-10' x 14'.

10' x 12' furnished with 2 single 1¼" aluminum posts with decorative brackets.
10' x 14' furnished with 3 single 1¼" aluminum posts with decorative brackets.

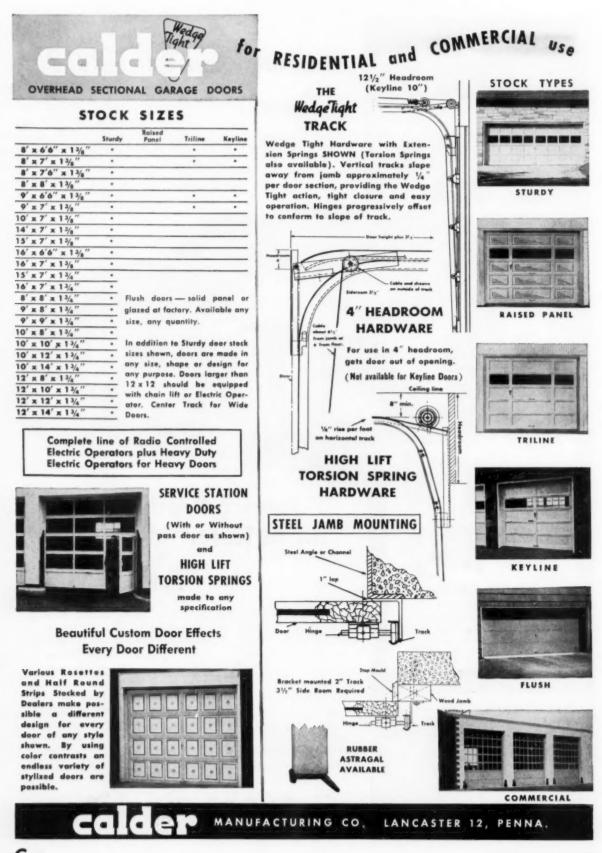
FAWSCO MEG. DIVIS	ION AB-456
Cuyahoga Falls, Ohio	a start of the case of the
Please mail me illustra	ated 4-color FAWSCO catalog.
NAME	
NAME	
ADDRESS	
CITY	ZONE
STATE	
A State State State	

### Fawsco Products mean faster

This is the year of decision. It's the year of the big "Gimick" ... COUPONS to sell more groceries ... RAFFLES and LOT-TERIES to sell soap, automobiles, sewing machines. People are LOOKING for "extras," no matter what they buy, and that goes double in the home-buying market. A couple of hundred dollars spent on Fawsco Products may mean the difference between a fast sale and tying your building money up for months on a home that just won't sell. FAWSCO Products are EASY to install—labor costs are LOW! Attractive awnings, canopies, shutters, ornamental iron, and now, a terrace canopy—add distinction, color and beauty to the homes YOU build. Try the LOW COST FAWSCO WAY to GLAMORIZE! ... Send today for free 4-color catalogue and prices.



MANUFACTURING DIVISION . CUYAHOGA FALLS, OHIO







**BUILDERS EVERYWHERE** use onley METAL BUILDING PRODUCTS From foundation to finish . . . the Donley Line of Area Walls Metal Building Products is mmmm the more extensive line. Wall Ties Area Walls ... Joist Hang-Cavity Wall Ties Wall Plate Ties ers ... Dampers ... Laundry Chute Doors . . Flue Cleanout Doors ... Crawl-Space Doors . . . and Attic Ventilators, represent only a few of the many dependable, time-saving items in the Donley Line. In addition. Donley provides a wide selection of Outdoor Fireplace Equipment. Joist Anchors 100 Over forty years of design Wall Plate Anchers and fabricating experience have earned Donley an en-Ventilators Horizontal, Vertical, viable reputation as a manufacturer of quality prod-Triange Half or ucts. Builders have found 4 8 varte it profitable . . . and prac-Circle. 1 10 tical . . . to use Donley Metal Building Products. Write today for a free copy of Donley's new catalog featuring the complete line. BROTHERS COMPANY 6869-DR 13910 Miles Avenue . Cleveland 5, Ohio AMERICAN BUILDER



## "Look!" she said ... so they did

They were browsing around in the new homes section. Then it caught her eye. She pointed. So they stopped to look.

That gloved hand set up a chain of events.

She was attracted by the distinctive beauty of the Ro-Way garage door inviting inspection of the entire home.

*He* was impressed by the fine quality details. Noted Ro-Way's Taper-Tite track and Seal-A-Matic hinges for all-weather protection. Tested Ro-Way's ball bearing rollers for smooth, easy operation. Liked the nice balance of Ro-Way's Power-Metered springs.

They both figured (logically) that the builder hadn't skimped-anywhere!

They're the kind of people who like to get their money's worth ... today's smart buyers ... your new home prospects.

We think maybe a Ro-Way door helped sell the home they finally bought.

there's a Ro-Way for every Dooway

Residential • Industrial • Commercial ROWE MANUFACTURING CO. 769 Holton St., Galesburg, Illinois

Only a GARAGE offers: • COMPLETE PROTECTION • FINISHED APPEARANCE • EXTRA STORAGE SPACE

. EXTRA ROOM

C28

Nationwide sales and installation service. See your classified telephone directory for nearest Ro-Way Distributor.



### ALUMINUM DRIME WINDOWS!

### NOW AVAILABLE IN KD FORM

# Jalousies

Winter Seal Jalousses are outstanding for life-long ruggedness and smooth opera-tion, smart design and intrinsic value. Look at these typical features! • The one Jalousie designed for northern and western use.

- Power-riveted bridge-type actuator bar for full opening, complete closure!
   Companion screene and storms available.
- Headers and sills designed for simple, straight cutoff—sesiest installation!

# **Sliding Windows**

Winter Seal Slide-Tite horizontal orime windows are beautifully styled in satin-smooth aluminum! See why you can't go wrong with Slide-Tite: • A complete unit-just set it, square

Winter Seal products are unmatched in value and ease of installation; in tailored fit and smooth convenience of operation; make houses look better, sell faster! (Imagine, for instance, the modern appeal of jalousie porches.) If your jobber doesn't yet handle both of these products, write us today.

NOTE: Winter Seal products can be shipped KD for easy local assembly. Write to learn how this saves time for jobbers, dealers, builders. Distributor franchises available.



C29

Winter Seal Corporation • 14575 Meyers Road • Detroit 27, Michigan • Winter Seal of Canada, Toronto 15



There's a Morrison Roly-Door for every overhead door application RESIDENTIAL • COMMERCIAL • INDUSTRIAL

Also manufacturers of MOR-SUN WARM AIR FURNACES and MORRISON SERVICE BODIES

IN CANADA - OVERHEAD DOOR SUPPLIERS, 1330 Bloor Street W., Toronto 4.

C30



### Imperial AWNINGS and CANOPIES



Easily installed without cutting or fitting.

IN 4 STYLES

PACKAGED

Require No Cutting or Fitting— Easily Installed On The Job— Pay You Top Profit

All things considered, Leigh Imperial Awnings and Products are one of the best home improvement lines you can handle this year or any year. They're easy to sell — every home-owner appreciates their beauty and protection. They're low-cost, another point homeowners like. And they're easy to install right from the package to the doorway or window — no cutting or fitting is necessary.

Leigh Imperial Awnings and Canopies are really rugged. Once in place they stay for keeps — winds, sleet, or driving rains can't budge them. They're made of double-protected steel (zinc coated and bonderized) in red and white, green and white, or blue and white enamel finishes. Sizes for every residential or commercial need. Sell the tremendous market that's waiting — order now!

## Bel-Air door canopies



**3 COLOR COMBINATIONS** 

The ideal shelter over a doorway — a real beauty in looks and construction. One-piece, ready to install. Costs less than wood, looks much smarter. Made of double-protected steel. Drip channel carries water clear of steps below. Individually packaged, complete with ornamental braces and screws. In green, blue, tile red.

Available in 2 Sizes 48" wide, 30" projection, 6" deep 54" wide, 30" projection, 6" deep



BUILDING PRODUCTS DI

Air Control Products, Inc. Pine St., Coopersville, Mich.

DEALERS!

It Will Pay You To Stock and Sell The Complete Leigh Line . . . Write for Free Catalog.

APRIL 1956

BUILDINC

C31

### "Install the Basement Entry Home-Buyers want...

### SERVICE-WAY adds SALES

Check these Service-way features!

ALL-WELDED CONSTRUCTION - Heavygauge steel, electrically welded for maximum strength and durability.

STRUCTURALLY REINFORCED-Underside of one-piece door is reinforced by welded members for extra rigidity. Door can be walked on without danger or damage.

**DOUBLE ACTION SPRINGS**—Specially designed spring suspension counterbalances weight of door in all positions for finger-tip operation.

WEATHER-TIGHT—Frame and door flanges overlap for snug fit—keep out rain, snow, wind.

QUICK - RELEASE SAFETY ROD - Door locks easily in full open position-remains in place even in strong wind.

BURGLAR-PROOF Two slide bolts on inside lock door securely against intruders and animals.

**READY TO INSTALL** — The Service-way comes completely assembled and prime coated to save time and labor on the job.

EASY TO MAINTAIN-No wood to rot, no hardware to break. An occasional coat of paint assures a lifetime of troublefree service.



• The Service-way is an extra that builders go forbecause *their* customers go for it, too! It is the only practical way for the average homeowner to get *full* use of his basement.

> The Service-way gives him quick, easy access for storage of bicycles, outdoor furniture, bulky lawn and garden tools. There's wide clearance for home freezers, hobby shop equipment. The route from laundry to clothesline is shortened. It saves tracking dirt through the house.

> The Service-way is durably built to last as long as the house. Made by the makers of the famous Heatilator Fireplace.

For folder and specifications, write: Heatilator, Inc., 564 E. Brighton Ave., Syracuse 5, N.Y.

ERVICE-WAY

AMERICAN BUILDER

HEATILATOR®

3/ 3



Dri-Wal Adhesive for racking strength.

TESTING LABORATORY OF LEADING UNIVERSITY REPORTS:

"Miracle Dri-Wal Adhesive and Miracle Method increases racking strength 76% stronger than normal method of application"

Sensational New Miracle Dri-Wal Adhesive for bonding gypsum board to studs speeds dry wall installation, substantially reduces cost, increases racking strength 76%.

You speed your dry wall installations, save substantially in your time and costs. Further, these University laboratory tests prove that Miracle Dri-Wal Adhesive in

that Miracle Drive al Adhesive in no way increases fire hazard. You use 50% less nails, elimi-nate nail popping, and appreci-ably lessen racking. With so many less nail holes to fill, taping and concealing time and costs are minimized minimized.

With Miracle Dri-Wal Adhesive formulated and developed specifically for installations of gypsum board to study you do a better than ever dry wall job in every way.

Here's the easy cost - cutting Miracle Method: Before erecting gypsum board, Miracle Dri-Wal Adhesive is applied to each stud full length, using a 2½ quart caulking gun with ¾" nozzle.

Builder Andy Place, South Bend, Indiana, uses Miracle Dri-Wal Adhesive and Miracle Method to speed dry wall instal-lation, substantially reduce costs.

Gypsum board is put up and nailed 16" o.c., with one or two nails on center of intermediate studs.

FREE: Colorful, illustrated brochure describes dry wall method, details time and cost saving. Write for your free copy without obligation today. Dept AB-4

### MIRACLE ADHESIVES CORPORATION EAST 53rd STREET . NEW YORK 22, N.Y.

### MCKINNEY HARDWARE

THE QUALITY LINE SINCE 1865

means dependable service promotes customer good will



Eliminates mortising of doors and jambs . . . speeds door hanging . . . saves time and money. Precision made of heavy gauge steel in the pop-ular 31/2 inch size. Three finishes: dull brass, bright nickel and bonderized prime coat.

nier die. tak for this on play at your Hardware or Building Supply Dealer.

THE NEW MCKINNEY

HINGE

### **BUTTS AND HINGES** FULL MORTISE

### WROUGHT STEEL BUTTS

Available in all standard sizes and finishes . . . light, regular or heavy weight for every application. Available for use on wood or metal doors, and with or without oilite or ball bearings.

### STRAP HINGES

Wrought steel, light and heavy gauge .... complete range of sizes for farm home and industrial use

Light, heavy and extra heavy wrought steel. The McKinney name means quality and com-pleteness of line.

### MCKINNEY FORGED IRON HARDWARE

1715 Liverpool Street • Pittsburgh 33, Pa.

CABINET HARDWARE Dens, Kitchens, Game oms... for every room in house. For natural wood painted surfaces. Three tinctive finishes: Dull Black, Swedish Iron and Olde Copper.

#### MAIL BOXES

uality line . . . artistical ize with McKin rdwore. Heavy





### AMERICAN

### BUILDER

### **Reference** File

### AREAWALLS

Corrugated metal areawalls are manufactured in three shapes, two grades and a wide range of sizes to fit most any requirement. This 6-page folder describes with complete dimensions. this company's full line .- Saint Paul Corrugating Co.

Circle No. 115 on reply card Section 6

### BUILDING SPECIALTIES

Attractively bound, this 84 page catalog gives technical and specification data on firm's full line of wire products. Includes reinforcing steel, fencing, nails, hardware cloth and screen. -Colorado Fuel & Iron Corn

#### Circle No. 116 on reply card Section 6





### BUILDING SPECIALTIES

Several building hardware bulletinon split-ring connectors, framing anchors, screen and sash hangers, chimney thimbles, and siding corners are available. Contain description. construction and necessary specifications.-F. D. Kees Mfg. Co.

Circle No. 117 on reply card Section 6

### BUILDING SPECIALTIES

Catalog available gives specifications and illustrates firm's complete line of building specialties. Also includes brochure on sliding door hardware and drawer slides.-Leigh Building Products Co.

Circle No. 118 on reply card Section 6

#### BUILDING SPECIALTIES

Complete catalog is available on company's line of caulking and glazing compounds as well as hardware specialties. Data included on new line of sliding door hardware.-Macklanburg-Duncan Co.

Circle No. 119 on reply card Section 6

### BUILDING SPECIALTIES

Available literature illustrates and gives essential data on line of vault covers, jack screws, brick clamps, highway grates, chimney rings, traffic signs, wheel guards and other special items .- A. L. Swett Iron Works.

Circle No. 120 on reply card Section 6

### FIREPLACE SPECIALTIES

Devices for fireplaces and other metal building products are illustrated in this booklet-more than 75 items in all, including drawings and dimensional data.-Donley Bros. Co.

Circle No. 121 on reply cord Section 6

#### CARPORT

Literature is available on this all-steel carport. One size 20' x 10' or in multiples: attached to building or free standing. Roof of corrugated steel or fibre glass panels .- Stoddard Mfg. Co. Circle No. 122 on reply card Section 6

#### BASEMENT DOORS

This 4-page descriptive folder illustrates steel cellar door features, gives installation details both for new construction and replacing wood hatchways. Bilco Co.

Circle No. 123 on reply card Section 6

#### BASEMENT DOORS

"Plan a useful Basement" is the title of this brochure which describes the "Service-Way" outside basement entrance. Detailed drawings show installation details with stair layout for average basement .--- Heatilator, Inc. Circle No. 124 on reply card Section 6

AMERICAN Reference BUILDER File

### GARAGE DOORS

Catalog F-4644-6 covers features. building requirements and special installations of overhead-type residential garage, commercial and industrial doors, as well as electric operators. radio and special controls .- Barber-Colman Co.

Circle No. 125 on reply card Section 6

#### GARAGE DOORS

General information and reference data on firm's line of overhead sectional garage doors-residential, commercial, farm and industrial-are contained in this handy 12-page booklet. -Calder Mfg. Co.

Circle No. 126 on reply card Section 6

### CARACE DOORS

Literature available on line of decorative residential garage doors. Illustrates scores of design possibilities with color combinations .- Crawford Door Co.

Circle No. 127 on reply Card Section 6

#### GARAGE DOORS

Catalog describes complete line of residential. commercial and industrial overhead garage doors. Sizes, panel designs and specifications are given. Data also shown on weatherstripping and electrical type operators .-- Frantz Mfg. Co.

Circle No. 128 on reply card Section 6

#### **GARAGE DOORS**

A new 7-section, low-cost steel garage door, for multiple-house projects is de--cribed in this brochure .- Morrison Steel Products, Inc.

Circle No. 129 on reply card Section 6

#### **GARAGE DOORS**

New catalog covers company's entire line of overhead garage doors, shows various section styles as well as commercial applications. All in full color. -Raynor Mfg. Co.

Circle No. 130 on reply card Section 6

### GARAGE DOORS

"Ro-Way Individualized Designs" for garage doors are featured in this attractive new folder. Examples include carved panels, applied rosettes and applied molding for one and two-car models .- Rowe Mfg. Co.

Circle No. 131 on reply card Section 6

RUST is a 18 18 HORRID word ! **Check Stains and Streaks** -**Build Customer Satisfaction** with STORMGUARD NAILS Stormguard Nails prevent unsightly rust stains-reduce painting and repair costs-drive easily and hold fast Asphalt Shingle Roofing—R102 -cost less than non-ferrous nails-are conveniently packaged. Cedar Shingle Roofing—R112 No angry homeowner will be calling you out to look at nail stains on a house you built-if you use Stormguards. Storm-Metal Roofing -R134S guards mean trouble-free nailing, both for initial application and later. INTERNAL COLUMN TRANSPORTER TRANSPORT For a house-time, Storm-Wood Siding Stormguard Nails are a revolutionary new fast-Cedar Shakes -S235A . Asbestos Siding On the job . . . Stormguard Nails save time and ----Insulated Asphalt Siding—S245 Stormguard Nails are available in standard **Finishing Nail** T315 are slight These Types Also Available Illustrations are slightly smaller then actual size GET THIS FREE HANDBOOK Tells you how and where to use these new rust-resistant nails. Want free nail samples, too? Specify type: Roof-ing, Siding or Trim. Colored Insulating Siding — Flooring — Under-layment — Gypsum Wallboard — Metal Roofing W. H. MAZE COMPANY, Peru 3, Illinois

C35



guards reduce maintenance costs and worries for your customer and enhance your reputation for quality products and workmanship.

ener, especially designed to apply roofing, siding and trim. For strength and excellent driving qualities they have a steel core; for permanence, a double-dipped coating of rust-resistant zinc.

labor, drive easily without heads popping off or bending, minimize splitting.

lengths, gauges and head sizes, smooth and anchor (ring) shanks, labeled and packed in convenient 5 lb. cartons. Order today from your building products supplier.

### STANLEY Hardware



### What's new in trim for the well-dressed cabinet door

### 4460CM Pull

This new pull No. 4460CM is finished in smart chrome to give a New Look to new or old cabinets. 41/2" long. Standard screw holes spaced 23/4" apart. 55¢ each list.

### 1527 Hinge

This new, semi-concealed hinge No. 1527 has a raised barrel, permitting doors to open 180°. All popular finishes. Regularly furnished for 3/4" doors with 3/8" inset; also available with 1/2", 5/8" and 3/4" insets. List prices: 1527 steel - \$.70 pr.; 15271/2 brass \$1.20 pr.

### 41 ALD Catch

This new catch No. 41 ALD has Stanley's exclusive floating action - a powerful magnet mounted on a resilient bushing to assure perfect alignment at all times. Aluminum case. It's priced to sell in volume at 39¢ each list.

Keep posted on Stanley's new products. For details write Stanley Cabinet Hardware, 104 Lake Street, New Britain, Connecticut.



### AMERICAN BUILDER Reference File

### GARAGE DOOR HARDWARE

Detail sheets available on "50-50 Pushover" garage door hardware that uses existing or any standard door.-Allith Prouty, Inc.

Circle No. 132 on reply card Section 6

### HARDWARE, GARAGE DOOR

Catalog No. 200 describes the full line of sliding door hardware for all types of garage and industrial door installations. Overhead door hardware also shown. Catalog gives specifications and installation data for all types .--Colorado Fuel & Iron Corp.

Circle No. 133 on reply cord Section 6

### GARAGE DOOR OPERATORS

New specification sheet gives features and installation data for Robot electronic door operators-magnetic, radio or key controlled models. Swing-type entrance door information also available.-Robot Appliances Inc.

Circle No. 134 on reply card Section 6

### HARDWARE

"Hinges for Light Construction" is the title of a 4-page catalog which contains descriptions of bearing, loose pin butt and non-mortise hinges: forged iron builders and cabinet hardware and artistically designed forged iron accessories.-McKinney Mfg. Co. Circle No. 135 on reply card Section 6

### HARDWARE

Catalog No. 155 is an 88-page booklet describing complete line of hardware and building supplies for the construction industry.-Morgan-Wightman Supply Co.

Circle No. 136 on reply card Section 6

#### HARDWARE

"National Lockset" Catalog 400 describes features. functions, decorative trim and accessories included in firm's simplified line. Illustrates key locks, privacy locks, turnbutton locks, passage latches and many accessories. National Lock Co.

Circle No. 137 on reply Card Section 6

#### HARDWARE

Introducing new "Color-Accent" locks. this 12-page descriptive brochure shows two leading designs, illustrates a variety of possible background paint colors, fabrics and wallpapers .--Schlage Lock Co.

Circle No. 138 on reply card Section 6

C36

"900" SERIES SUNRAY

With the addition of the brilliant new SUNRAY design, Weslock now offers two undisputed leaders in contemporary residential lockset styling.

SUNRAY is a worthy companion to the popular CONCAVE design, now the accepted standard of modern styling.

Both SUNRAY and CONCAVE designs are available in perfectly matched cabinet hardware to give a custom-styled effect throughout the home.

Both series are available in Weslock's original Black Rose<sup>®</sup> finish at no extra cost.

"500" SERIES CONCAVE

Write for further information.

WESTERN LOCK MFG. CO.

Manufacturers of Weslock Residential Locksets and Building Hardware

Styling

WESTERN

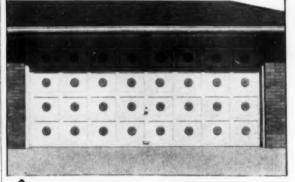
WESLOCK

all eyes are on WESLOCK'S

*Air Conditioning* Demands the best in

gives you in Overhead Doors and Hardware

FRANTZ



### SECTIONAL DOORS

Beautiful designs in square and horizontal, plain or carved panel doors. Sizes to fit openings 8' x 6'6" to 16' x 7'. Fourteen cardinal features include the "Glide-O-Matic" self-opening operation and zinc plated hardware. Pre-bored for fast installation, Cat. No. 303.



### (One Piece Type)

Frantz is *the* leader in rigid overheads. Single and double-width sizes. Special built-in features emphasize greater value. The new No. 10, left, with "Powermatic" action, has the looks of a sectional, the economy of a rigid. Catalogue No. 303.



### YOUR DOOR TO GREATER VALUE IS A FRANTZ DOOR!

WRITE for COMPLETE DETAILS TODAY



FRANTZ MANUFACTURING COMPANY, STERLING, ILLINOIS

AMERICAN BUILDER

One piece side channel seals sash at 4 points.

That's Why

### more builders specify HETTINGER'S FAMOUS

# Metal Weatherstripping with Silent Glide

### Only Sash Balance That Properly Balances Windows–Stops Window Operation Noise

Triple Seal metal weatherstripping seals out drafts winter or summer — and stops the air leaks that overload air conditioning systems. If you build for air conditioning, or if your buyers plan to install air conditioning — combine Triple Seal Metal Weatherstripping and Silent Glide — the balance that goes up and down at a touch — quietly.

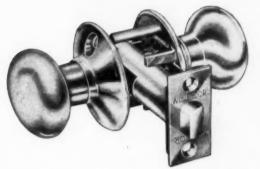
Box packaged for easy installation. Your dealer can also furnish you windows completely assembled and equipped with Triple Seal and Silent Glide balances.

Ask your dealer for full information or Write Direct.



Weatherproof Products Corp. P.O. Box 8498, K. C., Mo.

# more Windsor Quality Building Products...



Windsor 500 Series Locksets ... the highest possible quality in the low price field! Available in either beautiful polished brass or gleaming aluminum, both finishes have a high jewel-like lustre, sealed with clear baked-on enamel for lasting beauty. Versatile, rugged, compact, and modern in design, Windsor Locks will give years of dependable, trouble-free operation.



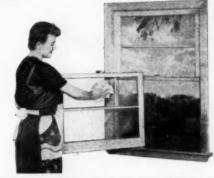
Windsor flush Doors ... are beautifully veneered with wood core construction of 2¼ inch rails! Our wide selection of veneers include the popular Unselect Birch as well as Grade A Select Birch, beautiful White Ash and Rotary Mahogany, and both Plain Sliced White Oak and Plain Sliced Walnut. Windsor Flush Doors are easily stained or finished as desired.

11983898

For full information on our complete line of building supply items, send for our latest catalog. Everything you need, including those "hard to get" and odd sizes, are carried in our large St. Louis inventory. Truly the "onestop warehouse" for all your building needs.

MORGAN-WIGHTMAN

St. Louis 20, Mo.



Windsor Uni-Glides...the true removable window unit! Made of only the very finest materials, all Windsor Uni-Glides are completely set up, ready for instant installation. Just a few of the Uni-Glide's many features include Monarch anodized aluminum weatherstrip, Pullman overhead sash balances and all wood parts of Clear Western Ponderosa Pine...toxic treated.



Windsor Garage Doors . . . the answer to all your garage door problems! Pictured above is our Windsor DeLuxe Ranch Door, a modern sectional door made to harmonize with the horizontal lines so popular on today's ranch homes. Made of highest quality Douglas Fir, this door is four panels wide and five sections high with the fourth section left open for glazing.

### SEND NOW FOR OUR LATEST CATALOG No Cost-No Obligation

W. L. C. D. I. C. D. I. O. I

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1541 Salzman A	ve., St. Louis 20, Mo.
Please rush me yo	our newest free catalog
NAME	
COMPANY	
STREET ADDRESS	
CITY	ZONESTATE

APRIL 1956



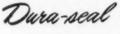


Here's a booklet of interest to window manufacturers, jobbers, lumber dealers, architects, builders and prospective home buyers.

Dealers and users of double-hung wood windows equipped with Zegers Dura-seal Combination Metal Weatherstrip & Sash Balance can get this important 12-page booklet in quantity to use for promotion. But it is available to everyone so send for a copy *now*. Convincing facts, well illustrated, explain how properly weatherstripped double-hung wood windows cut fuel costs 30% to 40%... how wood windows blend with any architectural plan... why wood, double-hung windows are the best buy.

See how Zegers' national advertising and promotion can help *you* sell *more* wood windows ... why it's easier and more profitable to sell homes containing Dura-seal equipped windows. Just fill in and send the coupon below!





Combination Metal Weatherstrip And Sash Balance DURA-SEAL PROVIDES THE MOST EFFECTIVE ALL-WEATHER PROTECTION



Get the best weatherstripping and window operation ... use Zegers Dura-seal! Provides complete weather protection and silent "finger-tip" operation. It adds beauty to the window ... does a more efficient job at low cost.

### SEND FOR IT NOW !

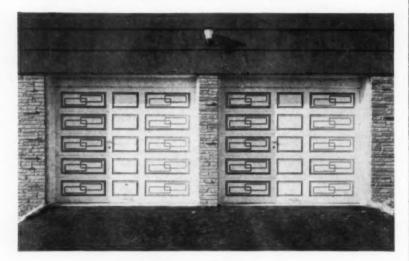
### ZEGERS, INCORPORATED

8090 South Chicago Avenue, Chicago 17, Illinois

Please send a free copy of your new booklet, "What Every Home Buyer Should Know About Windows"—plus complete information on Zegers Dura-seal and the promotion program behind it.

NAME\_\_\_\_\_\_\_\_\_\_\_FIRM\_\_\_\_\_\_\_\_\_ADDRESS\_\_\_\_\_\_\_\_\_ZONE\_\_\_\_STATE\_\_\_\_\_\_

### for lasting beauty and protection



### smart builders choose– "The Ridge Door"

Builder Norman Kasmonoff selected Ridge Regency Doors for his development at Millburn, N. J. because they offered maximum value at a minimum of installation and maintenance costs. They made a big hit with the new owners too, because their customized, decorator styling blended so well with the distinctive architecture of the houses.

THERE IS A RIDGE DOOR FOR EVERY HOUSE, TASTE and BUDGET—ENGINEERED TO GIVE YEARS OF TROUBLE-FREE OPERATION and CUSTOMER SATISFACTION.

### **CONTRACTORS** — DEALERS

Write today for a full color illustrated brochure and information on how you can establish a profitable business as an authorized Ridge Door agent or dealer in your area.



Ridge Door Company Box A.B.

Monmouth Junction, N. J.

Send me complete information on how I can establish a dealership for the Ridge Door Company in my area.

NAME.....



# BUILDER Reference

#### HARDWARE

Brochure describes firm's new "900 Sunray" and "500 Concave" series of lock sets and cabinet hardware.— Western Lock Mfg. Co.

Circle No. 139 on reply card Section 6

### INCINERATORS

Construction details and dimensions on four incinerator types—flue-fed, direct-fed, prefabricated and garden are given in this handy 12-page booklet.—Donley Bros. Co.

Circle No. 140 on reply card Section 6

#### NAILS

Pocket size 72 page manual on nails. In addition to giving specifications on all types of nails produced by this company, additional information given on estimating and correct nailing practices.—Colorado Fuel & Iron Corp.

Circle No. 141 on reply card Section 6

### **ORNAMENTAL IRON**

Available in a wide selection of styles and prices firm's line of ornamental iron railings and columns are illustrated in this 4-color catalog. Also includes other building specialties.— Fawsco Mfg. Div.

Circle No. 142 on reply card Section 6

#### **RAIN-CARRYING PRODUCTS**

"Milcor" Catalog 306 has illustrations and descriptive data on lines of raincarrying, roof drainage, standardized heating and air conditioning pipe and fittings, building corners and miscellaneous accessories.—Inland Steel Products Co.

Circle No. 143 on reply card Section 6

#### SLIDING DOOR HARDWARE

All the facts on firm's line of sliding door hardware are contained in this literature. Gives installation details and prices.—American Screen Products Co.

Circle No. 144 on reply card Section 6

#### SLIDING DOOR HARDWARE

New 4-page catalog illustrates sliding door hardware for double closet doors as well as pocket sliding doors.— Frantz Mfg. Co.

Circle No. 145 on reply card Section 6

#### SLIDING HARDWARE

This complete catalog covers three of the firm's major lines—sliding door hardware. drawer slides, curtain and drapery traverse hardware. It's compact and offers detailed specification and installation data.—Grant Pulley & Hardware Corp.

Circle No. 146 on reply card Section 6

### After it rains will your homes be selling you?

Rain-carrying equipment costs little but makes a big difference!

Will the homes you build today help you sell more homes a few months from now — or will they begin to take on a run-down look—paint-streaked and discolored, siding rotting, foundations undermined?

Rain-carrying equipment protects your reputation. It keeps roof-contaminated rain water from streaming down the siding and eroding the soil at the foundations. It guards your home in a hundred ways against the insidious inroads of moisture.

Rain-carrying equipment is not a *luxury*, not an "extra" which home owners can do without. It is as important to a house as a windshield is to an automobile.

Milcor Galvanized Gutter and Conductor Pipe cost so little that you can't afford to jeopardize your reputation by leaving them out. Besides, Milcor rain-carrying equipment has the *extra strength of galvanized steel*, is long-lasting and trouble-free.

Ask your building supply dealer — or write for Milcor Catalog No. 306.



Galvanized Gutter, Conductor Pipe and Accessories

INLAND STEEL PRODUCTS COMPANY DEPT. D, 4025 WEST BURNHAM STREET + MILWAUKEE 1, WISCONSIN

OFFICES IN: BALTIMORE - BUFFALO - CHICAGO - CINCINNATI - CLEVELAND - DALLAG - DETROIT KANSAS CITY - LOS ANGELES - MILWAUKEE - MIN NEAPOLIS - NEW YORK - AND ST LOUIS.

APRIL 1956

in best results, each course of concret nationary should be reinforced, Just introll KEY-WALL and cut to length. Eas a cut. Easy to fit, where required. Four ongitudinal wires reinforce each side, alus multi-directional wires throughout he joint. All wires are galvanized.

# KEY-WALL

### here's how you get greater value:

- You get effective resistance to cracks.
- You increase lateral wall strength because you get the most efficient distribution of steel.

These are facts developed in tests by the Research Foundation, University of Toledo.

### here's how you get lower cost:

- You save on material cost.
- You save on handling and storage (it's galvanized).
- You save on installation.





Key-wall is made for the following wall thicknesses: 4", 6", 8", 10", and 12"-



It is easy to build up reinforced corners with KEY-WALL. Short lengths may be cut and used without reducing effectiveness of reinforcement.



**Key-wall** is lapped at corners without adding thickness to the joint. Quick and easy to do. Provides exceptionally effective reinforcement of corner.



For long walls, KEY-WALL rolls out entire wall length without joints.



Mortar flows readily around KEY-WALL to give full embedment. Tests show an exceptional bond.



Masons like the ease with which block can be laid when they use KEY-WALL as reinforcement. The mesh helps hold the mortar in place.

## a new type of masonry reinforcement that gives greater value at lower cost

AT LAST, tests reveal basic facts about reinforcement of concrete masonry.

These tests reveal that one layer of KEY-WALL in every joint will enable a wall to resist approximately 85% as much load before initial cracking as could be resisted if 4 times as much steel (two  $\frac{3}{6}$ " rods) was used.

What's more ... you get better bonding with KEY-WALL.

There are many other advantages you get when you specify and use this revolutionary new product. It will pay to get all the facts.

### FREE test report

#### KEYSTONE STEEL & WIRE CO. Peoria 7, Illinois

Please send me free sample and copy of KEY-WALL masonry reinforcing report made by the Research Foundation, University of Toledo.

Name		
Firm		
	Zone	

### **"TAKES ME 10 MINUTES"**



Yes Sir - just 10 minutes or less that's how little time it takes me to assemble and set a Bilco Door ready for pouring the concrete. And it's my best selling feature!

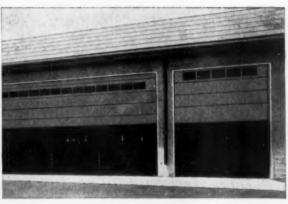
Cost? None at all. I save money by cutting down man hours during construction with that direct opening to the basement.

A must for rumpus room or work shop. For satisfied customers and faster sales

C46



install **AMERICA'S FINEST BASEMENT DOOR** Sold by Lumber & Building Supply Dealers. THE BILCO CO., DEPT. 111-B, NEW HAVEN, CONN. Please send me complete information on the BILCO DOOR, sizes, prices and dealers' names. I build 
10 or less 
10-100 
100-500 houses NAME ADDRESS \_ CITY STATE



### 10 Reasons Why the BIG Demand is for

Wood or All-Steel

1. Kinnear all-steel Rol-TOP Doors feature rugged 16-gauge 8. Kinnear doors are registered sections that interlock from end galvanized (1.75 ounces of pure after many years of service. zinc per square foot, A.S.T.M. 9. Kinnear manufactures doors Standards.) exclusively! Through more than

3. Kinnear's special Paint Bond gives field-applied paint an immediate, firm, lasting grip on the galvanized surfaces.

by Kinnear's famous single-shaft torsion spring that assures uniform operation.

5. Whether Rol-TOP sections are of high-quality steel or finest kiln-dried lumber, any number of panels in each section can be prepared for glass.

6. Kinnear's own "Keystone Seal" design and adjustable sealing strips assure snug, weathertight closure for both wood and all-steel Rol-TOP Doors.

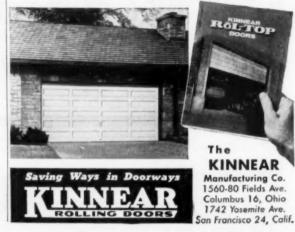
7. Kinnear Motor Operators, with push-button controls wherever desired, are easily added for maximum savings in time, steps, and effort.

-detailed drawings are kept in to end, for smooth hinging action. fire-proof vaults, assuring quick, 2. Steel door sections are hot- accurate availability of parts even

> half a century, Kinnear has proved the many advantages of using doors designed and built by door specialists.

4. Rol-TOP Doors open easily 10. Complete range of sizes offers on ball-bearing rollers, "boosted" correct answer to any door need.

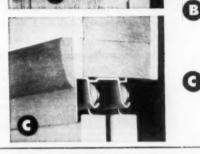
Write for the new catalog on Kinnear Rol-TOP Doors for industrial, commercial, and residential needs,



### washington"

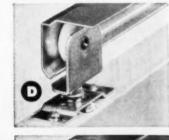


ALUMINUM TRACK



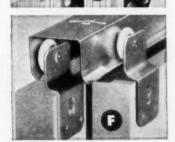
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STEEL TRACK

.



the complete line of RESIDENTIAL ROLLING DOOR HARDWARE

1.

fills any residential function in several cost and quality ranges

> For 1" to 11/4" wall pocket doors. No. 646 aluminum single track used with No. 650 on 652 adjustable hangers, or No. 660 non-adjustable. Track has antijump feature and the hangers are available with either axle-bearing or ball-bearing nylon wheels.

Here's a new aluminum track for by-passing wardrobe doors. Washington "plaster-ground"\* track elimin-ates wood trim-the plaster or wallboard is applied right down to the bead of the track, making it an integral part of the door frame and cutting installation costs. Track is anti-jump and is available for % to ¼ doors (No. 642), and 1" to 1%" doors (No. 643).

Aluminum track with a "built-in" valance. Can be used with or without wood trim. Track is causticetched for beauty and durability and is anti-jump. Available for %" to ¾" doors (No. 640), and 1" to 1% doors (No. 641).

This single steel track (No. 600), is for 1" to 1% wall pocket doors and can be used with double (No. 652) or single wheel (No. 650) adjustable, or single wheel non-adjustable (No. 660) Hangers. It is anti-jump and is easy and quick to install.

Steel double track for by-passing wardrobe doors 3/1" to 3/4" thick. Easy to install, and is anti-jump when used with a track lock which is furnished.

Steel double track for 1" to  $1\frac{1}{5}$ " by-passing wardrobe doors. Easy to install, and is anti-jump when used with a track lock which is furnished.

NOTE: Double wheeled hangers with pivotedcross arms may be used with either the aluminum or steel wardrobe track. When used with steel track they will carry doors up to 60 lbs., when used with aluminum track, doors up to 100 lbs. All installations shown at left are available in bulk or complete packaged sets.



C47

<sup>e</sup> Pat, Applied For

ASHINGTON. NE MANUFACTURED BY WASHINGTON STEEL PRODUCTS, INC. DEPT. AB-4 TACOMA 2, WASHINGTON

For a Complete catalog on Washington Solling Door Hardware and a page illustrating uses of the new Plaster Ground Track, mail the coupon below:

DEPT. A	B-4 1940	East 11	th,	Ta	сол	na 2	2, 1	Wo	sh	ing	not	i.												
Gentlemen:	Please se Ground 1	end me Track.	a	W	ash	ingt	on	Lir	1e	Tro	ack	C	ati	olo	g	and	1	pa	ge	0	'n	P	las	te
NAME																								
TYPE OF B	USINESS.			**				**	* *												* *			
ADDRESS		******							• •															
CITY					ON	IE									.s	TAT	E.							



1. 61.10 GLIDEOVER GARAGE Attractive designs, practical en-STYLES gineering, carefully selected mate-TYPES AND rials, supervised production, and smooth, carefree operation—these SIZES FOR are the reasons for the yearly in- RESIDENTIAL crease in Wagner "Glideover" . COMMERCIAL sales. Write today! Get the complete Wagner story! Ask for Bulletin INDUSTRIAL SERVICE Also 
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Folding Ladder Brackets Farm Building Hardware and Specialties. Ask for Bulletin AB-56H. WAGNER MANUFACTURING COMPANY CEDAR FALLS, TOWA, U.S.A That's it! I'll look it up in my AMERICAN BUILDER April-Directory I know I'll find it there





#### FOR BUILDERS

They put "eye-catcher" sales appeal in new houses.

FOR MODERNIZING CONTRACTORS

A "natural" for Operation Home Improvement sales.

### FOR DEALERS

They sell fast to the trade and over the counter to do-it-yourself buyers. FOR DISTRIBUTORS

"hot" new item for manufacturers of sash and doors, millwork houses, pre-fab home manufacturers.

Sager offers an entirely new design with aluminum and vinyl combined, making it today's most successful selling weatherstrip and threshold. Easy to install, in use by homeowners, builders and door companies manufacturing ready-made door units.



Smartly designed with a resilient vinyl tubing that actually hugs the bottom of a door. Vinyl tube has two sides; when one side becomes worn . . . reverse it. Girder construction gives maximum load bearing capability and is easy to sweep over as there are no sharp edges to trap dirt or trip on. Individually packaged in all popular lengths, complete with screws and instructions for installing.

### SAGER

### **#9VW WEATHERSTRIP**

For top and sides of doors, also has a double vinyl tube that absorbs any irregularities in the door, assuring a perfect seal. Vinyl tube can be reversed when one side wears. A hammer and snips are the only tools needed to install. Sold in sets for doors and windows or in bulk. Door thresholds are packed separctely. \*Pat. Pending



SAGER . . . a name famous for more than 36 years in the weatherstrip industry.

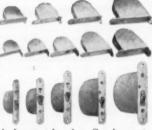
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Name					
Address				*********	
City				State	*********
Att'n of: Please check or Building Sup	ne: DBuilder				Supply Dealer
					C

# CALDWELL SASH BALANCES

### TAPE BALANCES

### FOR RESIDENTIAL WINDOWS

(4 to 26 lb. sesh: type 242) Popular residential size adopted by most large manufacturers of unit windows. Same high quality clock steel springs, high tensile tapes and heavy gauge housing used in our largest types. Volume



production permits use in low-cost housing. Can be used singly with one equalizer spring per sash at very low cost.

### FOR COMMERCIAL AND INSTITUTIONAL WINDOWS

### 64 to 35 lb, such: type 150: 23 to 50 lb, such: type 154)

Ideal for schools, hospitals, institutional and commercial buildings. Exclusive, patented screwdriver adjustment feature. Every coiled power clock spring tested for accuracy before shipment. Compact design reduces head room under lintels and mullions to a minimum.

### FOR HEAVY WINDOWS

### (50 to 75 lb. sash: type CX; 59 to 100 lb. sash: type D)

Carefully engineered to meet exacting requirements of heavy windows, sliding panels and doors, dumb waiters and other counter-balancing applications. Types CX, CXT, CXAT. D and DO are adjustable.

### FOR SPECIAL CONDITIONS

Special face plates, loops, long tapes and even special balances can be furnished for unusual window conditions where standard balances will not suffice.

(Refer to size table when ordering tape balances.)

### SPIRAL BALANCES

### SPIREX... for residential windows

The only spiral balance on the market offering all of

- ADJUSTABLE FOR PRECISE TENSION-Can . be adjusted after installation to save time in precision
- SMOOTH, OUIET OPERATION-Special coating . SMOOTH, QUIET OPERATION—Special coating insulates Spirex springs against noise and rust. Patented new design eliminates friction and rasp.
   POSITIVE LIFTING POWER—High carbon, finely tempered flat wire springs and patented new design provides positive lifting power.
   CAN BE INSTALLED WITH SASH IN FRAME
- Saves time and labor. Reduces errors in installation
- EASY TO TENSION-Only one turn of tensioning wire for each 6 to 7 inches of height, or 3 or 4 turns r average sash
- FITS STANDARD GROOVING—Fits any stand-
- ard groove, round or square, 5%" x 5%" or 34". PROTECTIVE CARTON-Heavy jute board carton protects Spirex from damage in transit or on the job.

### HELIX ... for institutional and commercial windows

This heavy duty spiral balance specifically designed and built for heavy sash.

- · PRETENSIONED AT FACTORY-Will handle vari-PRETENSIONED AT FACTORY—Will handle vari-ations up to 5 lbs. without adjusting. Adjustment is pro-vided, however, so that unusual variations can be easily compensated on the job. LOCKING PIECE FOR EASY INSTALLATION— Allows lower portion of spring to extend out of tube so that attaching arm can be connected quickly and easily. SEAMLESS, RUSTPROOF ALUMINUM TUBE— Positively eliminates dust, dirt and other foreign matter from reaching balance interior. DURABLE TORSION-SUSPENSION SPRING—Oil tempored birth earbon gaving is both tension and tension

- tempered, high carbon spring is both tension and torsion spring. Efficient and durable. SEPARATE ATTACHING ARM—Drastically cuts
- costly installation time by permitting attachment after balance has been fastened in place.
- costly installation time by permitting attachment after balance has been fastened in place. GRADUATED TORQUE ROD—Cadmium plated spiral torque rod has graduated twist to assure smooth, even, effortless operation throughout travel of sash.

### COMBINATION BALANCE-WEATHERSTRIP

### SPIRAFLEX ... the NEW 1-piece weatherstrip with spiral balances

The new SPIRAFLEX is the only combination weatherstrip-sash balance that offers all these features . .

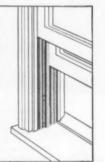
- SPIREX SPIRAL BALANCES—Prevent creeping; assure smooth, easy operation.
- ENCLOSED BALANCES-Provides protection from moisture, and gives neat appearance.
- 1-PIECE ALUMINUM STRIP-Assures long lasting, efficient pressure seal.
- OUTSIDE PRESSURE FLANGE-Prevents sash from becoming paint sealed.
- DOUBLE-RIBBED LOWER SECTION -Provides additional weather tightness and rigidity.
- FAST, EASY INSTALLATION-Makes possible a better window at reasonable cost.
- NOISELESS OPERATION—Assured by silent Spirex balances.
- FULLY ADJUSTABLE—Easily adjusted, if necessary, even after installation.

Spiraflex units are made in sizes to fit any window up to 6'6" in height  $(1\frac{3}{8}'' \operatorname{sash}, \frac{1}{2}'' \operatorname{or} \frac{3}{8}''$  parting bead).

THE CALDWELL GUARANTEE: All Caldwell balances are guaranteed to provide positive lifting power for the lifetime of the building. Caldwell is the nation's oldest sash balance manufacturer, and this guarantee is backed by a 68-year reputation for making quality products and standing behind them.

Our engineering department will welcome any opportunity to assist you with difficult window balancing problems. Additional information will be gladly furnished by the factory or your Caldwell representative.

### CALDWELL MANUFACTURING CO. ROCHESTER 14, N. Y. 68-A COMMERCIAL STREET





### AMERICAN Reference BUILDER File

### SLIDING DOOR HARDWARE

This 22-page catalog is the builders guide for all types of sliding door hardware. Gives specifications installation data and details .- Kennatrack Corp.

Circle No. 147 on realy card Section 6

### SLIDING DOOR HARDWARE

Catalog No. 26 is available on firm's line of sliding door hardware. Also gives information on line of cabinet. screen door and other builder's hardware items.—National Mfg. Co. Circle No. 148 on reply cord Section 6

### SLIDING DOOR HARDWARE

Installation data sheets are available on firm's line of sliding door hardware. Also available is brochure on packaged sliding doors for garage entrance .- Sterling Hardware Mfg. Co. Circle No. 149 on reply card Section 6

#### SLIDING DOOR HARDWARE

Company's complete line of residential rolling door hardware is covered in Catalog T-55: wheels and hangers, aluminum track, steel track, rolling door accessories .- Washington Steel Products.

Circle No. 150 on reply card Section 6

### SHELVING HARDWARE

The "E-Z Shelving Story" for display and storage is fully illustrated in firm's folder. Contains construction details for variety of applications .- Standard Steel Works. Circle No. 151 on reply cord Section 6

#### WEATHERSTRIPPING

Catalog gives specifications and detailed information on firm's line of weather-stripping as well as a full line of brass and aluminum thresholds .-Master Metal Strip Service, Inc. Circle No. 152 on reply card Section 6

### WEATHERSTRIPPING.

Dust-proof and weather-proof, the new #8ss threshold has tube-shaped vinyl weatherstrip which eliminates attachment of any type to bottom of door.-Sager Weatherstrip

#### Circle No. 153 on reply card Section 6 WEATHERSTRIPPING

Two "Triple Seal" weatherstripsstandard aluminum or bronze and one-piece aluminum-are shown with sash balances in this 4-page descriptive folder .- Weatherproof Products Corp.

#### Circle No. 154 on reply card Section 6 WEATHERSTRIPPING

"What every home buyer should know about windows" is this new informative book. Offers a 60-second test that can help you get more house for your money in all climates .-- Zegers, Inc. Circle No. 155 on reply card Section 6



USE YOUR OWN OR ANY STANDARD DOOR

### NO MAINTENANCE COSTS

### SIMPLIFIED INSTALLATION

### ADAPTABLE FOR ANY TYPE GARAGE

ALLITH hardware works with equal efficiency on either custom or mill-made doors. All working parts simple and sturdy-no springs to stretch or loosen. All hardware parts inside and protected from weather

Unit shipped complete to the last screw. Ouickly and easily installed. Standard set fits any opening up to 9' wide x 7'6" high when doors do not exceed 275 lbs. Other sets available for openings up to 10' wide x 10' high. Write for details.



MANUFACTURED BY ALLITH PROUTY, INC. DANVILLE.

ILLINOIS





A company of but ten years age has risen to a position of acknowledged leadership in the overhead door industry.

This is not accomplished in present day marketing complexities by chance circumstance.

Such achievements must evolve from efficient manufacture of a quality product, distributed and sustained in a manner to command respectful attention and win continuing confidence among the consuming public. The avowed purpose of Raynor Manufacturing Co. is SERVICE . . . service in its broadest interpretation and

keynote of the Company philosophy.

### COMPLETE MANUFACTURE OF A COMPLETE LINE

Raynor overhead doors are designed, engineered and manufactured under one management. Such controlled production means controlled quality—a prime requisite for guaranteed merchandise.

Raynor doors are made in an unusually wide range of sizes, styles and mechanical adaptations, able to cope with peculiar structural situations, never losing dimensional precision or architectural finesse.

### RAYNOR MANUFACTURING CO.



Check your telephone directory for the name of your nearest representative or write direct.

Dixon, Illinois

Every Raynor door features "Graduated Seal" which holds the door tightly against the jamb when the door is closed, yet assures easy rolling, finger tip control when in operation.

APERED

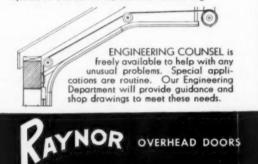
Every Raynor Door features zinc plating of hardware which applies to the sections. Tracks, springs, etc. are rust-proofed and painted aluminum.



Every Raynor torsion spring model has continuous "live shaft" mounting of springs, assuring united and uniform lift on both sides of the door. No cocking or wedging of sections in the opening.



Every Raynor door is equipped with proper reinforcements to overcome the stress and strain found in large doors, U-bar stiffeners, center support tracks, special bottom truss and center lift cable, as required to counter horizontal and vertical sag.



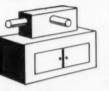
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Mengel Co D51
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### SECTION 4

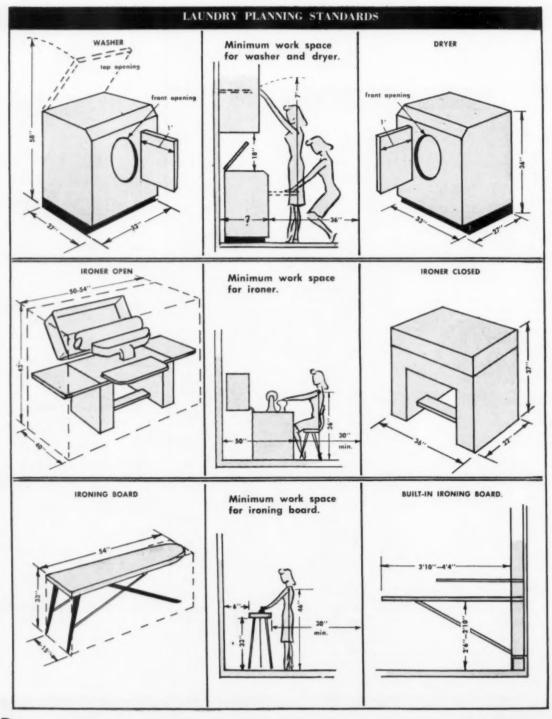
Plumbing - Heating - Ventilating -Electrical & Appliances

AIR CONDITIONING

- APPLIANCES
   BATHROOM CABINETS & ACCESSORIES
   COMMUNICATION SYSTEMS
   COUNTER TOPS & TRIMS
- ELECTRICAL WIRING & LIGHTING EQUIPMENT
- FANS & VENTILATING EQUIPMENT
- HEATING EQUIPMENT
- KITCHEN CABINETS & ACCESSORIES
- LAUNDRY EQUIPMENT
- MUSIC SYSTEMS
- PUMPS, WATER SUPPLY & DRAINAGE
- RANGES & REFRIGERATORS
- . WATER HEATERS

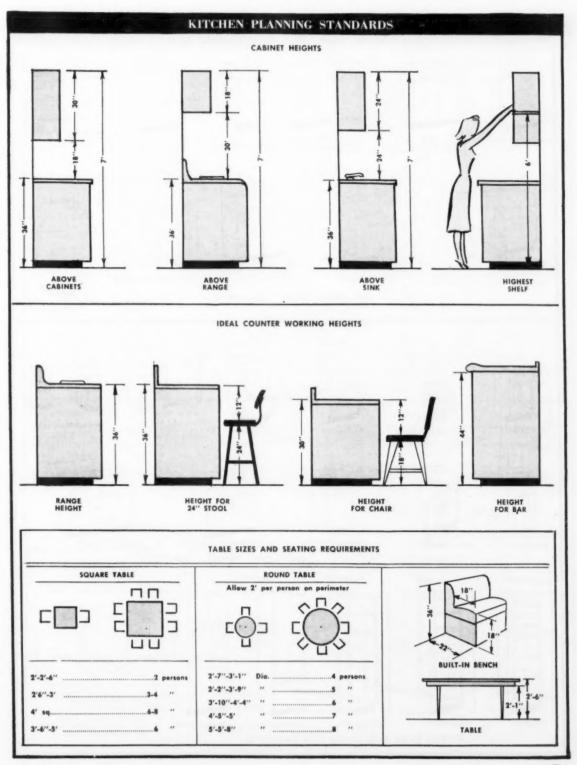
EVERY PAGE PLANNED TO HELP YOU IN ESTIMATING, DESIGNING AND BUYING

### Section 4 Plumbing-Heating-Ventilating-Electrical & Appliances



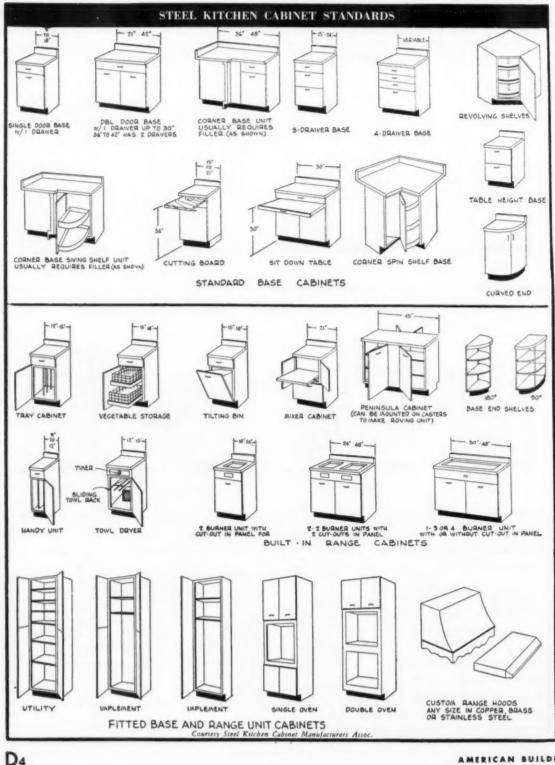
AMERICAN BUILDER

D<sub>2</sub>



APRIL 1956

D<sub>3</sub>



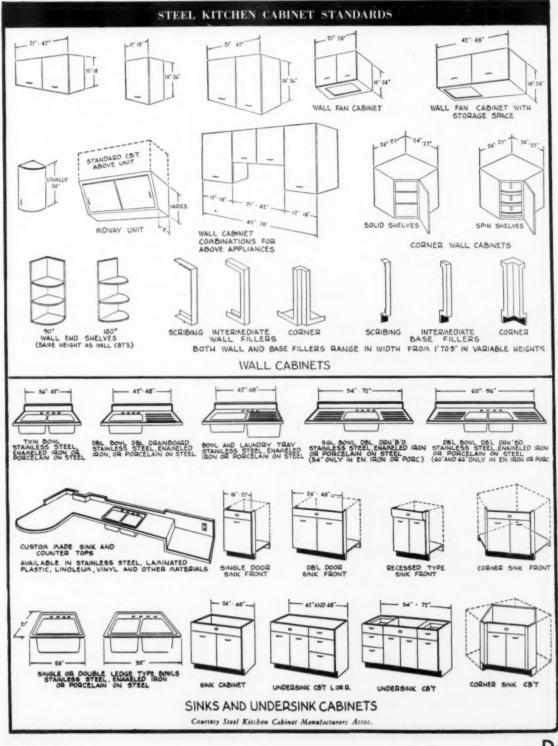
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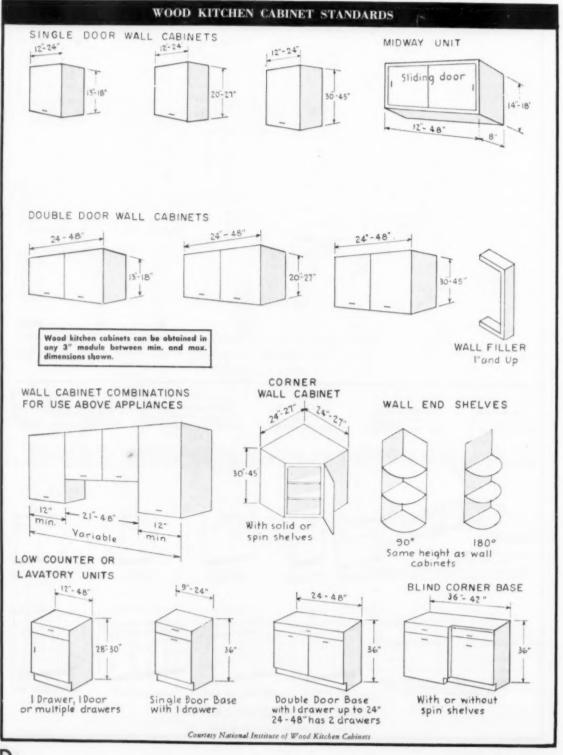
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AMERICAN BUILDER

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## Plumbing-Heating-Ventilating-Electrical & Appliances Section A

WOOD KITCHEN CABINET STANDARDS

SIT DOWN

BASE

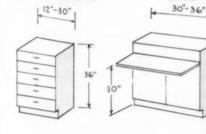
SINK CABINET

21"-48"

DRAWER BASE 3-5 DRAWERS

ie.

.



SINK FRONT UNITS

21-48

UTILITY OR BROOM OVEN CABINETS 24"-33"



REFRIGERATOR CAB.

BASE END SHELVES

90°

CABINET 15" - 30

BASE 1 T With or without

DIAGONAL CORNER

spin shelves

9-15"

TRAY OR TOWEL

CABINET

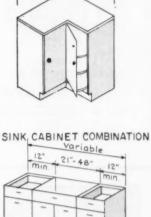
Courtesy National Institute of Wood Kitchen Cabinets

BUILT-IN RANGE CABINET

18"-48"

CORNER SINK CABINET





ROTATING CORNER

BASE

36" - 42"

(Counter tops available to accomodate any combination)

ACCESSORY CABINET UNITS 15-24



VEGETABLE STORAGE

PENINSULA CABINET 18"-48



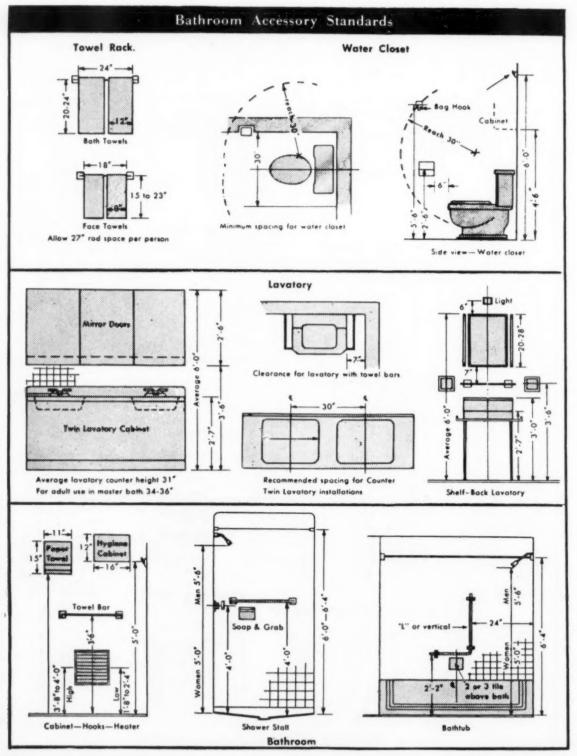
- 21"



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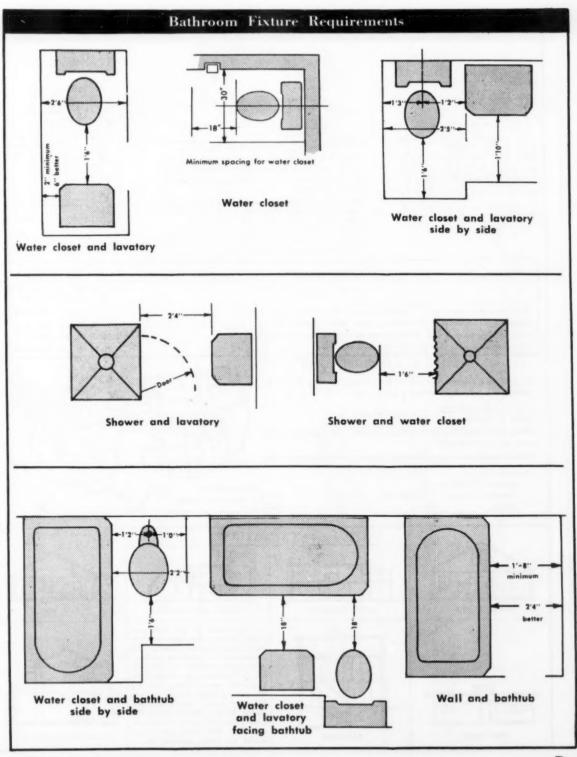
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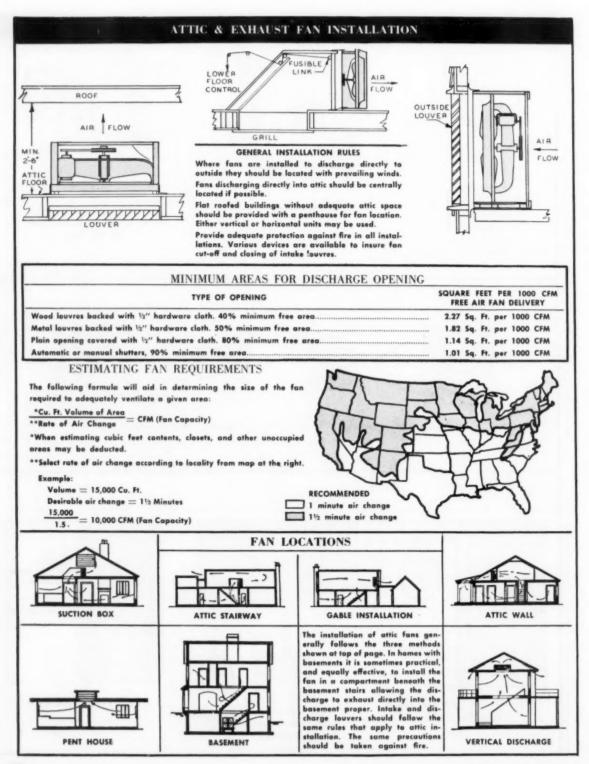
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D8

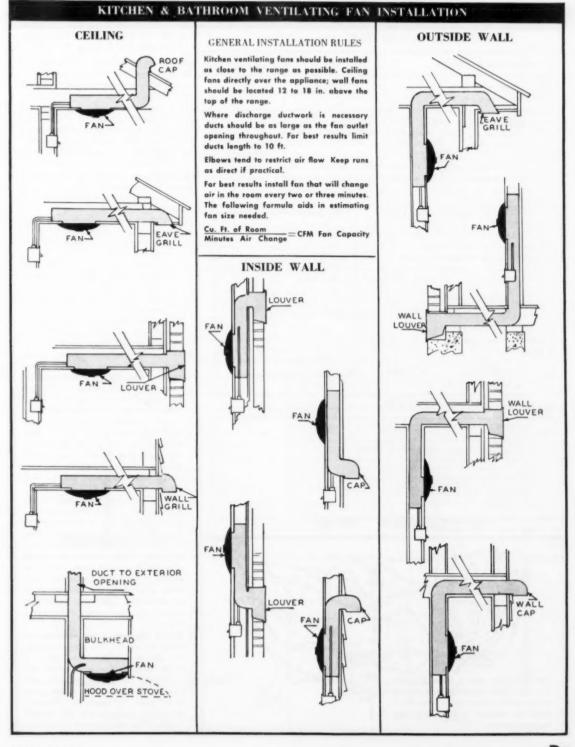
AMERICAN BUILDER





D10

AMERICAN BUILDER

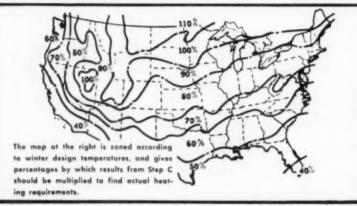


### CONDENSED METHOD OF ESTIMATING HEATING REQUIREMENTS

#### "CONDENSED METHOD" HEAT LOSS FACTORS\*

1. WINDOWS & DOORS Multiply sq. ft. by:					
a.	Without storm sash	113			
b,	With storm sash	75			
2.	OUTSIDE WALLS (NET) Multiply sq. (	ft. by:			
a,	SOLID MASONRY-(Brick, stone, etc.) with plaster applied direct to inside surface of masonry wall.	45			
b.	AVG. FRAME-Brick Veneer-Wood Siding-Shingles or Stucco-with sheathing, bldg. paper, studs, lath and plaster	30			
c.	FURRED MASONRY-(Same as 2a with air space between plaster and masonry wall)				
d.	INSULATED FRAME—Same as 2b—with 1" or less insulation board or blanket	20			
e,	HEAVILY INSULATED-Same as 2b with 2" or more insulation	10			
3. CEILINGS & INSIDE WALLS Multiply sq. ft. by:					
a.	CEILING-Plaster on lath or wall-board. No floor above-Attic not vented	34			
b.	Same as 3a-with 2" or more insulation	12			
e.	CEILING of first floor room below unheated room on second floor	17			
d.	INSIDE WALL adjacent unheated room	11			
4. FLOORS Multiply sq. ft. by					
a.	Double wood floor-over cool basement or other enclosed space	15			
b.	Same as 4a-but open space below floor exposed to outside	32			
5. INFILTRATION (AIR LEAKAGE) Multiply each sq. ft. of window and door area by:					
a.	WINDOWS AND DOORS. Average fit-Not weatherstripped	50			
b.	Average fit-weatherstripped (or equipped with storm sash)	30			
e.	Poor fit-not weatherstripped	140			
d.	Poor fit-Weatherstripped (or equipped with storm sash)	43			
е.	EXTRA FOR EACH OUTSIDE DOOR	1000			
f.	EXTRA for air lost up fireplace flue	3000			

<sup>a</sup>Above factors are approximate heat loss through each sq. ft. of surface with 70° inside and —30° outside.



### HOW TO USE THE CONDENSED METHOD HEAT LOSS FACTORS

Quantities of heat are measured in units called British Thermal Units (abbreviated BTU).

Heat is lost from a warm building through all of its surfaces exposed to lower temperature. This is called "transmission losses." Heat is also lost due to wind blowing through cracks around windows and doors. This is called "infiltration losses." Total heat loss of a building is the sum of transmission losses plus infiltration losses.

- A The first step is to find how much heat is last by transmission. Calculate the areas in square feet of all exposed surfaces of the room or building including:
  - 1. Window and outside door area (combined).

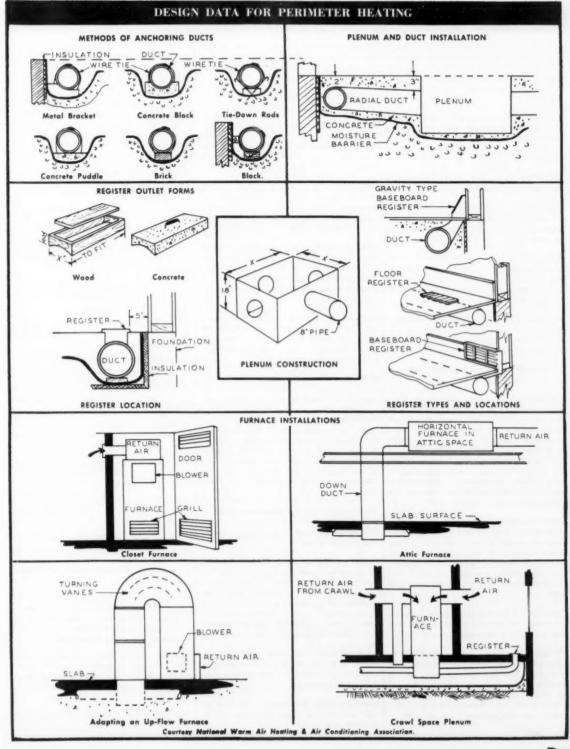
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- 2. Net outside wall (gross wall area minus item 1).
- Ceiling area (below unheated room or attic space). Inside walls adjacent unheated rooms.
- Floor area (if space below floor is not heated).

Each of the above areas should then be multiplied by the proper factor from one of the Condensed Method tables.

- B Next, estimate infiltration losses. This depends on the amount of cold air blown into the house, which is in turn dependent on the size of the window or door and the width of the crack around it. Simply multiply the area of windows and doors already calculated in Step A by the infiltration factor selected from Table 5. Also, since there is more air leakage through door cracks than through window cracks, allow an additional 1000 BTU for each outside door. Add 3000 BTU for each fireplace.
- C Add the infiltration losses (Step B) and the transmission losses through the windows, walls, etc. (Step A) all together. The sum is the heat that would be lost from the room or building—if the temperature difference between inside and outside were 100°. In other words, this is the amount of heat it takes to maintain 70° inside when the outside temperature is 30° below zero, which would accur only in the very coldest sections of the United States.
- D Heating requirements are naturally less where the weather does not get so cold. The average minimum temperature in Dallas, Texas, for example, is only 10° above zero. The "design temperature difference" between inside and outside would be 70° minus 10° equals 60°. Therefore, the heating requirement is only 60/100 or 60% of the amount based on 100° TD.



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### **GLOSSARY OF LIGHTING TERMS**

ABSORPTION — When light strikes an object, some of the light is reflected and some is absorbed. The darker the object, the more light it absorbs. Dark colors absorb large amounts of light, much as a blotter soaks up ink.

AMPERE — Unit of measure of electric current; indicates rate of flow of electricity as gallons per minute indicates rate of flow of water. A milliampere (ma) is one-thousandth of an ampere.

BALLAST — A current-regulating auxiliary device required to operate a fluorescent tube.

BLACK LIGHT — Another name for that portion of invisible ultraviolet radiation which has the ability to cause certain minerals to fluoresce or glow visibly.

BOBECHE — A saucer-shaped element at the base of or below the candle socket in a condletype fixture. In some modern fixtures of traditional styling the bobeche is often used to conceal light sources.

BRIGHTNESS — The degree of apparent lightness of any surface emitting or reflecting light. Everything that is visible has some brightness. See Footlambert.

CANDELABRA — A branched ornamental candiestick or lampstand.

CATHODE — A fluorescent lamp part which serves to conduct the electricity from the wires into the gas. Fluorescent lamps are of two types, depending on whether they have "hot" cathodes or "cold" cathodes. The hot cathode is a coiled coil tungsten filament, operating at a higher temperature than the cold cathode. The latter is an iron cylinder resembling a large thimble. The electrical characteristics of the two are somewhat different, and each has certain advantages.

CERTIFIED — Term applied to portable lamps and fixtures made to meet certain specifications for quantity of light, quality of lighting, sturdy construction, and safety. Fluorescent ballasts and starters meeting certain performance requirements are also "certified." Such products usually carry a certification tag or label.

CHANNEL — A common term for the enclosure containing the ballast, starter, lampholders, and wiring for a fluorescent lamp.

CORNICE — The crown molding used both to cover and to embellish the intersection between side walls and ceiling. In modern lighting practice it is a horizontal member of wood or plaster attached to the ceiling approximately 6 to 8 inches from the wall, with lighting incorporated between it and the wall.

COVE — In modern lighting practice an element of design mounted on an upper wall to conceal light sources and provide indirect lighting.

CURRENT — Alternating Current (AC) Electric current which reverses its direction of flow periodically. Direct Current (DC) Electric current which flows continuously in one direction.

CUT-OFF — The angle up from the vertical at which the reflector or shielding medium cuts off the view of the light source.

DIFFUSION — The scattering of light rays, so that the light is emitted or reflected from all directions. Objects in a room in which the light is completely diffused from the walls, ceiling, and floor would cast no shadows.

DIRECT LIGHTING — A lighting system in which all or nearly all of the light is distributed downward by the luminaire. Fixtures that send somewhat more light upward but are still predominantly of the direct type are called semi-direct.

LIGHT DISTRIBUTION OF LUMINAIRES - Lighting fixtures are classified according to the manner in which they control or distribute the light, as direct, semi-direct, direct-indirect, semi-indirect, and indirect.

EFFICIENCY — The efficiency of a lighting fixture is the ratio of the light it emits to the tatal light produced by the bare bulb or tube.

FLUORESCENT TUBE (f) - A light source in which light is produced by a fluorescent powder (phosphor) coated on the inner surface of a glass tube. A mercurv vapor arc between electrodes (see cathode) sealed into each end of the tube generates ultraviolet radiation which is changed by the phosphor into visible light.

FOOTCANDLE (ft-c) — A quantitative unit for measuring illumination. It is approximately the illumination produced by a plumber's condle at a distance of one foot.

FOOTLAMBERT (ft-L) — A quantitative unit for measuring brightness (apparent lightness). The footcandles striking a reflecting surface, times the reflectance of the surface, equals the brightness of the surface in footlamberts. If a surface placed one foot from a candle is perfectly white and diffuse, the brightness of that surface is approximately one foot-lambert.

GIRANDOLE — A Traditional wall bracket, scance, or a table lamp intricately designed with several candle-arms each holding multiple candle branches.

GLARE — Light or brightness in the field of view which causes visual discomfort and/or interferes with seeing.

INCANDESCENT BULB (Inc) — (Also called filament bulb.) A light source in which light is produced by a tungsten wire (filament) heated to incandescence by passing an electric current through it.

INDIRECT LIGHTING — A type of lighting system in which all or nearly all of the light is distributed upward to the ceiling. Fixtures that send somewhat more light downward but are still predominantly of the indirect type are colled semi-indirect.

LOUVER — A strip or strips, either flat or circular, used as a shield to restrict the view of the light source to certain angles.

LUMEN — A quantitative unit for measuring light output.

LUMILINE — A tubular incandescent light source which has a filament extending the length of the tube and connected at each end to a disc base.

LUMINAIRE — A complete lighting unit: ceiling fixture, wall bracket, portable lamp, or builtin or applied units.

MATTE SURFACE — A non-glossy dull surface, as apposed to a shiny surface. Light reflected from a matte surface is diffuse.

PARABOLIC REFLECTOR — A reflector shaped to control the light in a narrow beam.

REFLECTANCE (Reflection Factor) — The ratio of the light reflected by a surface to the light falling upon it.

SHIELDING — An arrangement of light-controlling material to prevent the direct view of the light source.

SHIELDING ANGLE — The angle down from the harizantal at which the shelding medium conceals the light source.

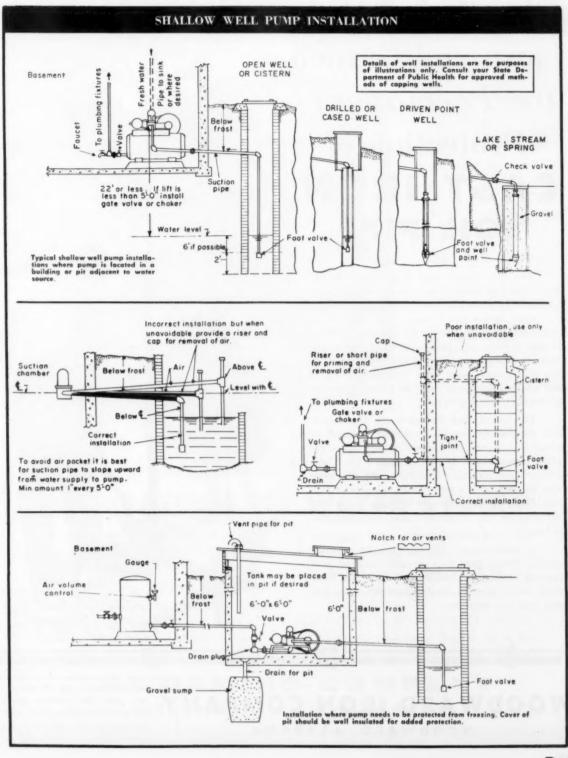
SPECULAR SURFACE — Shiny or glossy surfaces, including mirrors and polished metals. Light reflected from them is not diffuse.

TRANSMISSION — The passage of light through a material. The transmittance (transmission factor) of an object is the ratio of the light transmitted by the object to the light falling upon it.

VALANCE — In lighting parlance, a horizontal member mounted across the top of a window to conceal light sources. It may be made of wood, metal or other materials, and painted or covered with paper, fabric, glass or mirror.

VOLT (v) — Unit of measure of electrical pressure; analogous to water pressure in a pipe. Most residential circuits in the United States are supplied with voltages between 110 and 120 volts.

WATT (w) — Unit of measure of electrical power — the rate of work done.



# Give their Lovely Lawn and Garden the *Permanent* Protection of CAST IRON SOIL PIPE

The big reason why this happy couple built this charming home was to have a large yard and garden. They yearned to grow things ... trees, shrubs and flowers! They wanted an outdoor terrace to enjoy in the evenings and entertain friends ... and a barbecue pit where they could cook juicy steaks on a charcoal fire. It's been several years since they moved in ... and are they delighted with the growing beauty of their attractive grounds!

This couple has the satisfying knowledge that the grounds, on which they've lavished so much loving care, need never be torn up to replace impermanent or root clogged pipe. Their architect specified *Cast Iron Pipe*—the *only* pipe that has behind it a truly long-time service record. Roots cannot penetrate it, heavy loads will not crush it. It is made and laid to outlast the home.

If your clients—like this couple—cherish outdoor living, give their property the same permanent protection. Specify Cast Iron Soil Pipe from street to roof for freedom from trouble and long run economy.

WOODWARD, ALABAMA

Our Company does not manufacture pipe, but produces quality pig iron from which pipe is made by many of the nation's leading manufacturers.

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# PREMIUM VALUE at LOW PRICE!

SELF-PRIMING PUMP

**BRONZE IMPELLER** 

CAPACITOR-TYPE MOTOR STAINLESS STEEL SHAFT

EASILY ADJUSTABLE CONTROL VALVE

ALL BRASS EJECTOR

DOUBLE POLE PRESSURE SWITCH

FULL WEIGHT GALVANIZED STEEL TANK for 75 pounds working pressure

# DEMING 75 CONVERTIBLE JET WATER SYSTEM

The nationally advertised Deming "75" is in big demand for homes built beyond city water mains.

Quality features insure dependable, economical operation. Low price brings Deming-quality features within your cost limits for small home water supply.

Equipped with 12-gallon tank, the "75" is

a packaged water system, ready to install. For larger storage capacity, the "75" can be furnished with a 42-gallon tank. Or, you can buy the "75" pump without tank.

Get the facts on this Deming "75" Convertible Jet Pump and Water System. Write for free, illustrated, 2-color BULLETIN NO. 4910.

563 BROADWAY · SALEM, OHIO



Prospective home-owners thrill to the unique Prospective home-owners thrill to the unique space-saving feature of this new Fasco Power-Hood - . . with the ventilator completely contained in the hood there is absolutely no loss of cabinet space by ventilator or duct installations.

TAKES NO CABINET SPACE

Hood Adjusts to Fit Any Space 30" to 42"

AMERICAN BUILDER

- ★ SIMPLIFIED INSTALLATION SLASHES COSTS Power-Hood comes pre-wired. Installs with just one duct opening and 6 sheet metal screws . . . absolutely no cabinet cutting. Unique design enables shifting of ventilator to avoid studs.
- ★ MORE EFFICIENT, SERVICE-FREE OPERATION New exclusive turbo radial impeller wheel delivers greater air volume with less noise than conventional blower wheel models. Simplified design requires no servicing. Offers 3 speeds with "Ultra High" sufficient for summer cooling.
- ★ ADAPTS TO "AVAILABLE SPACE" One Power-Hood adjusts from 30" to 42" in length to fit exactly the hood space you have available... and adjusts to fit non-plumb installations where walls and cabinets are not square.
- ★ ADDED CONSUMER CONVENIENCES PUSH-BUTTON Control of 3 speeds and underhood light, removable grease tray, attractive curved contour hood.

BUILDERS EVERYWHERE ACCLAIM POWER-HOOD'S MONEY-SAVING INSTALLATION, SERVICE-FREE OPERATION

and the set and



D18

## THEY HAVE TO BE MODERN!

The Venetian Isle Motel, Miami, Florida has Ingersoll Plumbing Fixtures installed in each of its 100 units. Quick completion and long term durability and attractiveness meant that the fixtures specified had to meet exacting requirements. No matter whether you are building or supplying a hotel, motel, housing project or individual home, the modern line of plumbing fixtures means the same . . .

PLUMBING PRODUCTS

Architect . . . McKay-Gibbs Builder . . . Chaves Const. Ea. Flumbing . . . Dade Plumbing Is

### means

### Your turnover directly reflects your use of up-to-date materials



### perfect for practical economy

No longer is it necessary to accept inferior materials and workmanship in plumbing fixtures in order to achieve economy. Ingersoll's bathub Model T-103 with wide; integral seat is an excellent example of luxury coupled with economy. For even greater savings, Ingersoll has recently introduced a straight front tub, Model T-106. Both tubs are available in white and a choice of lovely colors. INGERSOLL cuts your costs ... increases your sales Lower Cost is achieved through the use of modern materials coupled with modern manufacturing methods. The basic material is steel ... strong, durable, lighter weight. Only steel can be manufactured in volume for lower costs. And, the lighter weight of steel means freight and handling charges are less.

Faster Installation of INGERSOLL fixtures is accomplished in two ways: light weight—exact, die-formed dimensions. Now only one man is required instead of two. Carpentry, plumbing rough-ins and tile setting can be counted on to fit exactly without expensive changes.

Easier Maintenance is a prerequisite for modern fixtures in public or private use. The stainproof, acid-resisting porcelain used on INGERSOLL Plumbing Products makes cleaning simplicity itself . . . means that medicines, soaps, bleaches and disinfectants will not effect the finish.

Borg-Warner Corporation



### AIRTEMP YEAROUND AIR CONDITIONING

Sells Homes Faster!

Complete air conditioning makes homes more attractive to buyers, as every builder knows, and Airtemp offers you 21 years of specialized experience—a complete builders' line of equipment—years-ahead engineering by Chrysler.

### FREE MERCHANDISING KIT FOR HOME BUILDERS

The Airtemp builders' merchandising program gives you powerful, individualized selling help to produce the fastest home sales ever.

### To get prospects to your model home, use these helps:

Colorful printed folders tailored to.your specific homes.

Advertising materials — newspaper mats, billboard design, radio scripts, TV film, publicity guide, printed invitations, theatre-style tickets, direction signs, door signs.

### To sell new-home prospects, use these helps:

### Model home preview promotion

Air conditioning benefit cards	Movie in sound and color
Product picture cards	Coronet 8-page reprint
Air conditioning benefit list	Model home favors, prizes

Most materials are free. The others are priced below actual cost. For full details, phone your Airtemp dealer—he's in the Yellow Pages—or write: Airtemp Division, Chrysler Corporation, Dept. AB-4-56, Dayton 1, Ohio.



AIR CONDITIONING . HEATING FOR HOMES, BUSINESS, INDUSTRY

E FORWARD LOOK IN

### gives you ALL these sales-making features in BUILT-IN ELECTRIC RANGES!

Admiral.



UNLIMITED CHOICE of Surface Unit Settings—from lowest simmer to fastest boil, and all "in-betweens."



WON'T LET FOODS BURN, won't scorch pans. "ATC" Cooking Unit makes every pot and pan automatic.



KITCHENS STAY COOLER with Superspeed "Microtube" Units. Super-fast (bacon sizzles in seconds).



OUTDOOR-STYLE BARBECUING and roasting right inside the oven with King-Size Rotary Roaster.

**EASY-TO-CLEAN OVEN DOOR** is beautifully finished in lustrous satin chrome, highlighted with sparkling chrome trim. The inlaid control panel is tarnishproof Canyon Copper in a machined pattern.



CUSTOM OVEN fits cabinet only 24" wide, yet is large enough to cook a 36-pound turkey, automatically!



"ELEVATOR" BROILER RACK raises, lowers food at a touch of a lever, without removing rack from oven.



**COOKING TOPS** are brushed stainless steel with water- and grease-tight mounting rims. Control knobs are mounted on top, out of small children's reach...no separate cutouts or complicated wiring necessary.



COLOR AT NO EXTRA COST! Big, feature-packed familysize Admiral Refrigerator in Shell Pink, Sea Mist Green or Primrose Yellow at same low cost as in White! This bonus helps sell homes!



No. of Units Planned\_\_\_\_\_

# Welbilt-n wes builders more FOR THE DOLLAR by fo

Much more in glamor, design, features too! Welbilt-In brings you the 'new look' that helps close sales quickly. It's the stand-out luxury built-in range designed to fit quickly and economically into all standard kitchen cabinets. Nobody knows builders' requirements better than Welbilt. From Maine to California, with big and small builders, Welbilt outsells all other ranges.

### WELBILT-IN-YOUR CHOICE OF GAS OR ELECTRIC WITH IDENTICAL DIMENSIONS

Approved by American Gas Association for use with Natural, Manufactured, LP Gas

D22

Wall oven-broiler-Easily placed at the height most convenient for no-stoop, easy reach broiling and baking, \* Luxurious exterior finish in satin chrome or new "coppertone" porcelain enamel to match every custom kitchen decor. • Kleer-Vue Oven Window and Light, electric clock, 4-hour minute minder.

Dimensions: Gas and Electric Oven-Broiler Height 371/2" • Width 203/s" • Depth 231/4"

Counter cooking unit-Choice of 2 burner units or space saving cluster of 4. • Luxurious satin chrome finish to complement every counter top and cabinet. . Easy to clean. Removable drip pans . . . designed to catch spill-overs.

Dimensions: Gas and Electric Top Cooking Unit 2 burner unit cutout 181/2" x 121/4"

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Write For Full Details: Welbilt-In Division MB, Welbilt Corporation, Maspeth 78, N.Y. Builder's Models start at \$132.50 complete. Manufacturers of Welbilt Gas Ranges, Electric Ranges, Air Con-ditioners: Detroit-Jewel Gas Ranges, Electric Ranges, A-B Gas

elbilt, corporation

Ranges, Electric Ranges, Garland Commercial Cooking Equipment.

EXECUTIVE OFFICES AND EASTERN MFG. DIV., MASPETH, L.I. N.Y.; MIDWEST MFG. DIV., DETROIT, MICHIGAN

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# ... the <u>one</u> line that excels in Building Extras

1906

... in everything from lighting fixtures to fans and door chimes! PROGRESS means better quality ... wider choice ... more-for-themoney value. The combination of finest materials and skilled know-how that has long made PROGRESS the name in lighting fixtures, now brings to the sales-wise builder the same customer appeal in Progress Landscape Lites, Power-Vent Ventilating Fans, and Progress Door Chimes.



# **INSTALL YOUNGSTOWN KITCHENS**

Sell the leader in the booming home-modernization and new-construction fields!



Now you can buy everything from one dependable source—wall, base, and utility cabinets in a full range of sizes. Formica tops in your choice of colors. Cabinet sinks in three complete lines, Food Waste Disposer, Dishwasher, Youngstown-Tappan Built-ins. Your distributor warehouses the complete line. Beautiful Youngstown Kitchens colors at no extra cost!

Youngstown Kitchens—one of the world's best known and most respected lines—add real value to your homes—they offer every feature that home buyers and owners look for—and the prices are right! Units come pre-painted and pre-fabricated—with hardware attached, ready for easy installation.



est and finest give your homes a real selling edge! 30' models cost no more than smaller 24' models! Hold more, wash better.



The trend is to built-ins. New Youngstown-Tappan built-in cooking units (gas or electric) match other Youngstown Kitchen units—easily installed!





D24

Sold in the United States, Canada, and most parts of the world Youngstown Kitchens division of American-Standard, WARREN, OHIO

# Are your homes selling?

If not, Youngstown Kitchens Builder's Home Selling Plan could be the answer. This completely coordinated merchandising program is available now to help you sell your homes.

.

Call your Youngstown Kitchens distributor immediately! Or write Director of Marketing, Youngstown Kitchens, Dept. AB-456, Warren, Ohio.



Gorgeous Cabinet Sinks. 14 models in sizes from 24" to 66" wide. Diana line offers the ultimate in

Diama line offers the ultimate in luxurious quality and beauty, in your choice of four beautiful Youngstown Kitchens colors.

Deluxe and Standard models combine Youngstown Kitchens quality and features with economy prices.

Your choice of 3 faucets—each with 5-year parts warranty.



New use-tested Food Waste Disposer, 5-year parts warranty. Ends garbage forever. Reversible cutting blades double Disposer-life! Easy to install!





...

offer this builde advantage interchangeable ovens and cooking tops





Stiglitz Infra-Aire Gas and Electric Stack-On ovens are the only known models on the market that are completely interchangeable, allowing builders to offer either type without alteration or redesigning of

This is only one of many exclusive teatures found in the Stiglitz Infra-Aire complete line of gas and electric built-ins.

... and the full line of infra-aire built-in

### STAND. fra-aire BUILT-IN RANGES **SPECIFICATIONS** STACK-ON OVENS

#### ..... 17" high x 18" wide x 19" deep CABINET SIZE: AV MODELS ..... 271/4" high x 24" wide x 25" deep 311/4" high x 24" wide x 23" deep 311/4" high x 24" wide x 23%" deep 311/" high x 24" wide x 241/" deen ELEMENTS AND BURNERS ..... Broil-3,000 watts. Bake-2,400 watts Broil-16.000 B.T.U. Bake-14.000 B.T.U. INSULATION ...... Fiberglas -- Underwriters Approved with zero Fiberglas-AGA approved with zero clearance Fully automatic. Clock, signal timer and auto-matic temperature controls. Signal timer and thermostat.

### SPECIFICATIONS INSERT OVENS

INFRA-AIRE BUILT-IN

#### **ELECTRIC**

CARINET OPENING REQUIRED ..... 25%" high x 23" wide x 231/2" deep ELEMENTS AND BURNERS ..... Broil-3,000 watts. Bake-2,400 watts

17" high x IR" wide x 19" deep 303/4" high x 23" wide x 231/5" deen Broil-16,000 B.T.U. Bake-14,000 B.T.U.

GAS

### SPECIFICATIONS COOKING TOPS

		LECTRIC		
	MODEL 3-SC	MODEL 4-SC	HODEL CT-4	
ELEMENTS	2-6" (1250 watts ca.) 1-8" (2100 watts)	2.6° (1250 watts ea.) 2.8° (2100 watts ea.)	2-6" (1250 watts ca.) 2-8" (2100 watts ca.)	1-6" (1250 watts) 1-8" (2100 watts)
CABINET OPENING REQUIRED	20 <sup>1</sup> / <sub>2</sub> " x 20 <sup>1</sup> / <sub>4</sub> "	20 <sup>1</sup> /4" x 27 <sup>3</sup> /4"	20 <sup>1</sup> /4" x 20 <sup>1</sup> /4"	201/4" x 113/4"
OVERALL TOP	20 m × 20 m *	20 10 " x 28 10 "	20 Å " x 20 Å "	20 m " x 12 m"
	Requires 5" depth for in- stallation.	Requires 3" depth for in- stallation.		
	Self-contained Controls.	Self-contained Controls.	Front Controls.	Front Controls.
		GAS		
		0011 6.4		

SURNERS ...... 4-9,000 B.T.U. Burners CABINET OPENING REQUIRED ...... 201/4" x 273/4" OVERALL TOP ..... 20%" x 28%"

### SPECIFICATIONS GRIDDLE

CABINET OPENING REQUIRED ..... 141/4" x 201/4"

OVERALL TOP ..... 1412" x 20 %"

GRIDDLE SIZE ..... 15 18" x 15 18"

ELECTRIC .....

> · Self Contained Thermostatic Control. Cup to catch grease. Requires only 3" depth for installation.

• Requires 41/4" depth for installation.

Self Contained Controls,



APRIL 1956





Hi-Boy Heating with Plenum Type Cooling



Lo-Boy Heating with Duct Evaporator Cooling



Counterflow Heating and Cooling



Suspended Horizontal Cooling

# newly designed. lower cost yearound airconditioning systems

# help builders close more sales

Builders can now choose from four compact WILLIAMSON Wethermatic Yearound Airconditioning systems . . . the cooling equipment requires *no floor space*. Williamson Wethermatics are low cost, quickly installed and premerchandised with an all-round national consumer promotion in major shelter magazines.



### "WETHERMATIC" SYSTEMS CONSIST OF: The "SPECIAL" Line—A Builders Type Warm Air Furnace

New lower prices reflecting mass production savings

- 20 gas-fired, 12 oil-fired models
- 60,000 to 145,000 B.T.U. Range
- Hi-Boy, Lo-Boy, Counterflow, Gravity and Horizontal Units
- Pre-Wired, pre-Assembled, factory test-fired.
   New color choice . . . Gray Metalescent or Gleaming White

### AlRefrigeration Waterless Cooling-

- No floor space installations
- No costly sewer or water connections
- Internally factory wired, easily installed.
- 2, 3, 4, 5 or 71/2 ton size models
- Console and suspended models where desired,

### Prefabricated Duct Pipe & Fittings—For Heating and Cooling

- Die Cut, prefabricated, each fitting interchangeable with others
- Fittings shipped packed per house plan
- Tailor-made look, designed to fit within the joists
- Designed for minimum air resistance—maximum air flow efficiency,

	THE WILLIAMSON COMPANY 3330-A4 Madison Rd., Cincinnati 9, Ohio					
See our 12-page catalog insert in SWEET'S 1956 Light	Please send me information on: Yearound Airconditioning Heating Equipment Name	Cooling Equipment				
Construction Files.	FirmAddress					
	City	ZoneState				



### Builders Know Famous Brands Make Quicker Sales

 New-home prospects have confidence in trusted brand-names like Orangeburg Root-Proof Pipe. Its reputation for high quality has helped many a builder "close the sale."

How Orangeburg Pipe saves trouble, cuts costs and builds profits for builders is a story of modern construction practice. It takes modern materials and timecutting methods to reduce costs today. That's why home builders and general builders everywhere are turning to Orangeburg Root-Proof Pipe.

Orangeburg's long 8-foot lengths are easy to install—so strong and resilient that lines in service 50 years operate like

ORANGEBURG

new. Famous Taperweld Joints seal rootproof with a few hammer taps—no cement, no compounds. Orangeburg is readily cut with a coarse tooth saw and, where necessary, quickly tapered on the job with a lightweight tapering tool.

Orangeburg Root-Proof Pipe is made in 2", 3", 4", 5" and 6" sizes. Use it for house-tosewer and septic tank connections, downspout run-offs, storm drains and other outside nonpressure underground lines. Orangeburg also comes Perforated in 4" size for foundation drains, septic tank filter fields, draining wet spots everywhere. Look for the Orangeburg trademark. Be sure you get the genuine. For more facts write Dept. AB-46.

ORANGEBURG MANUFACTURING CO., INC. Orangeburg, N. Y. West Coast Plant—Newark, Calif.



ORANGEBURG

D28



# So you think you've seen BATHROOM VANITIES?



You've never seen anything like NATIONAL VANITY'S stunning new RECENCY line. So elegantly designed and fashioned, they look like expensive custom-built pieces. Actually they're mass-produced to save you

money and to make money for you. They've taken builders by storm. For the first time, here are brand new decorator-styled vanities surfaced with genuine Formica ...with matching, sliding mirror-front, Formica medicine cabinets.

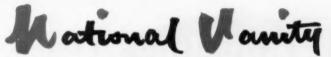
The vanities are cleverly sloped to allow plenty of

leg room. The sliding doors are crafted of sparkling LUSTERITE  $\Phi^*$  that slide easily with the touch of a finger. One or two sink cut-outs. Even wonderfully convenient cosmetic boxes.

Could you ask for anything more? Of course! NATIONAL VANITY'S colorful new brochure. Write for it Now!

See the complete REGENCY line, the popular MODERN line, the enticing CLASSIC. Never before has *one* producer offered so much to builders—so economically.

Send for your color brochure today.



### 151 Avenue A, Bayonne, New Jersey • HEmlock 6-8200

For Kitchen Cabinets, write NATIONAL KITCHENS · FOR Built-In Ovens, write NATIONAL STOVE · Bayonne, N. J. MANUFACTURERS REPRESENTATIVES: SOME SELECT TERRITORIES STILL OPEN. WRITE. · Corrugated fiber glass panels with textured crinkle finish.

# "COMPONENT PRESTIGE"

S

### OIL-fired LOW BOY

A complete line of warm air units for every type of installation. Oil-fired models delivering from 75,000 to 250,000 B. T. U.'s. Gas-fired models delivering from 64,000 to 90,000 B. T. U.'s. Every KAUSTINE furnace is backed by a 10-year warranty.

GAS-fired LOW BOY

Kausline

Home building has progressed from a trade to a flourishing industry and today most homes are produced from components and products that ao together with a minimum of labor.

of KAUSTINE Heating

YOUR SALES FORCE!

The successful builder selects components and products of recognized quality and proven acceptance for he knows this "prestige" will help him sell homes.

Today's exacting buyers know KAUSTINE FURNACES by their reputation for dependable, trouble-free, economical operation and their record for long years of service.

Builders know them by their unique, compact designs that save valuable floor space and by their many exclusive assembly features that cut installation costs.

FOR FULL INFORMATION WRITE DEPT. AB-4

TO



There is a Kaustine Furnace or Winter Air Conditioner for every type of home

AMERICAN BUILDER

OUALITY

FS

# Sanitary drainage systems installed FASTER with less effort

THE

Copper tube

roughing-in layout

for sanitary drainage

system of two-story house—two complete baths and kitchen sink,

Circled areas are sections which can

be preassembled.

### Lightweight Copper Tubes and Fittings permit use of time-saving prefabrication methods

In the copper tube sanitary drainage system at the left, four sections (circled) can be prefabricated in the shop while waiting for construction to reach the roughing-in stage. The work is done easier and faster and helps eliminate costly delays to building schedules.

Preassembled units are easy to handle. Using ANACONDA Type M Copper Tube and Anaconda Fittings, the approximate weights are:

 Section  $1 - 9\frac{1}{2}$  lb.
 Section  $3 - 9\frac{1}{4}$  lb.

 Section 2 - 13 lb.
 Section  $4 - 39\frac{3}{4}$  lb.

When the lighter weight Copper Tube, Type DWV, is used, the total weight will be 10 lb. less.

Compare these weights with similar sections made with ferrous pipe and fittings.

### Copper tubes offer other advantages:

Save space. A 3'' copper tube stack with fittings can be installed within a standard 4'' stud partition.

20' standard lengths eliminate many joints in long runs.

Cutting copper tube to exact dimension is fast and easy with hacksaw or wheel cutter.

Solder joints can be made easily in tight places and the compact fittings reduce cutting of studs and joists.

### A correct fitting for every part of every job

There is a full line of ANACONDA Cast Bronze Solder-joint Fittings. They are available in nominal sizes from  $1\frac{1}{4}$ " to 8", range from elbows, tees, couplings, adapters, regular and long-turn tees, Y-branches, traps, closet bends and flanges.

Write today for booklet, "Copper Tubes for Sanitary Drainage Systems," and see why more and more builders and plumbing contractors are changing to copper. Address: The American Brass Company, Waterbury 20, Conn. In Canada: Anaconda American Brass Ltd., New Toronto, Ont.

ANACONDA®

Available through plumbing wholesalers

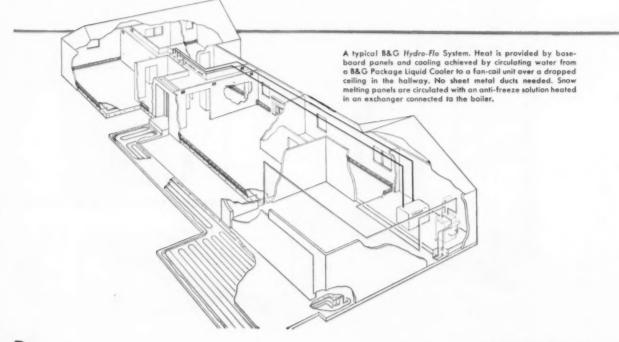


# The Swing is to Water...because only

To builders in every income bracket, the B&G Hydro-Flo System offers the comfort, convenience and economy benefits obtainable only with mechanically circulated water. Money can't buy finer...yet even the small home builder can afford it, because the B&G Hydro-Flo System is amazingly flexible in application. The builder can start with better beating and add other Hydro-Flo features as his budget permits.

The basic Hydro-Flo Forced Hot Water System provides radiant, sunny warmth—assures warm floors—draftless rooms. Automatic modulation of the heat supply keeps indoor temperature constantly at the comfort level—prevents wasteful overheating. A limitless supply of *low cost* hot faucet water is always ready, heated by the same boiler that heats the house...no space-wasting, separately fired water heater needed.

Summer cooling —*with water as the cooling medium*—can be added at any time in a choice of several ways. Snow melting equipment, too, for relief from back-breaking labor. And don't forget that the B&G *Hydro-Flo* System is virtually a lifetime installation—no frequent repairs and replacements.







B&G Hydro-Flo PRODUCTS for heating and cooling with water

8&G Flo-Control Valve

MG Monofle Fitti

B&G Relief Valve B&G Airtral System

**B&G** Water Heater

B&G Package Liquid Cooler

# water offers All Five!

### THE B&G BOOSTER ... key unit of the B&G Hydro-Flo System

Engineered for compactness, *silent* operation and years of service, this electric pump circulates water for heating the house in winter, cooling it in summer and for snow melting panels. It is built with precision manufacturing methods which translate good design into superior product...permit mass production with custom-built quality.

The B&G Booster has a solid reputation for quiet, dependable and long-lived operation. That's why over two million units have been sold to date!

•Reg U.S. Pat. Off.



APRIL 1956





Choose PREWAY gas and electric Wallchef ovens in "302" Satin Stainless Steel, Antique Copper, White, Sunshine Yellow or Vintage Green Porcelain Enamel.

Approvals:

Acceptable to: F.H.A. - V.A

UL

Illustrated is PRE-WAY'S four-element electric Counterchef in "302" Satin Stainless Steel. Available, too, in two-element units. PREWAY gas Counterchefs also designed in two or four-burner units, in "302" Satin Stainless Steel or White Parcelein Engmel. Patents Pending

As every home builder knows, the one best way to beat today's profit squeeze—and tomorrow's—is to make each unit of area, each man-hour of labor, each dollar of investment more productive. Whip-cracking won't do it, but careful planning will . . . planning based on accurate up-to-the-minute knowledge.

For example, if you have the facts on PRE-WAY, you know you can readily trim a hundred dollars or more from the cost of a modern kitchen by using Wallchef and Counterchef Bilt-Ins. These fully approved units, with patented features and all automatic controls, are the easiest to install. You gain time, save on labor! And because they are judged the world's most beautiful built-ins, available in a wide range of finishes, they add a special note of luster to the appearance of your kitchen.

Investigate the potential Wallchef and Counterchef units offer you. Plan to see them at the distributor's display room in your area . . . and write today for product bulletins on the type that interests you — gas or electric.



# BUILDER Reference

### AIR CONDITIONERS

Drawings in 6-page folder show how "Stowaway" air conditioner functions from wide choice of installation spots —attic, closet, flat roof, basement wall and others. Performance data given, along with descriptive details.—Lennox Industries Inc.

Circle No. 156 on reply card Section 6

### AIR CONDITIONERS

Data sheets are available on firm's builder model wall air conditioners. General specifications and detailed installation drawings.—Lewyt Air Conditioner Corp.

Circle No. 157 on reply card Section 6

#### AIR CONDITIONERS

Catalog gives specifications on complete line of air conditioners as well as firm's boiler and forced-air units. 34 pages; completely illustrated.— Moeller Climatrol

Circle No. 158 on reply card Section 6

### AIR CONDITIONERS

In loose-leaf form these specification sheets are available for firm's complete line of air conditioning equipment. Models include air or water cooled condensers.—Perfection Industries

Circle No. 159 on reply card Section &

#### AIR CONDITIONERS

Completely packaged air conditioner is described in this catalog. Unit requires no water connections and may be advantageously installed in attic. Prefabricated duct work also furnished if desired. Booklet explains step-by-step installation.—O. A. Sutton Corp.

Circle No. 160 on reply card Section 6

#### HEATING AND AIR CONDITIONING

This new gas-fired and oil-fired furnace literature lists complete model specifications and describes the application of "Airtemp's" recently introduced "V" type furnace cooling coils.—Airtemp Div. Chrysler Corp. Girde No. 161 on reply cord Section 6

HEATING AND AIR

#### CONDITIONING This file folder and

This file folder presentation gives specification sheets on line of furnaces and air conditioners. Also describes the "NarroWall" a gas-fired wall furnace which fits in standard stud opening.—Holly Mfg. Co.

Circle No. 162 on reply card Section 6

AMERICAN BUILDER



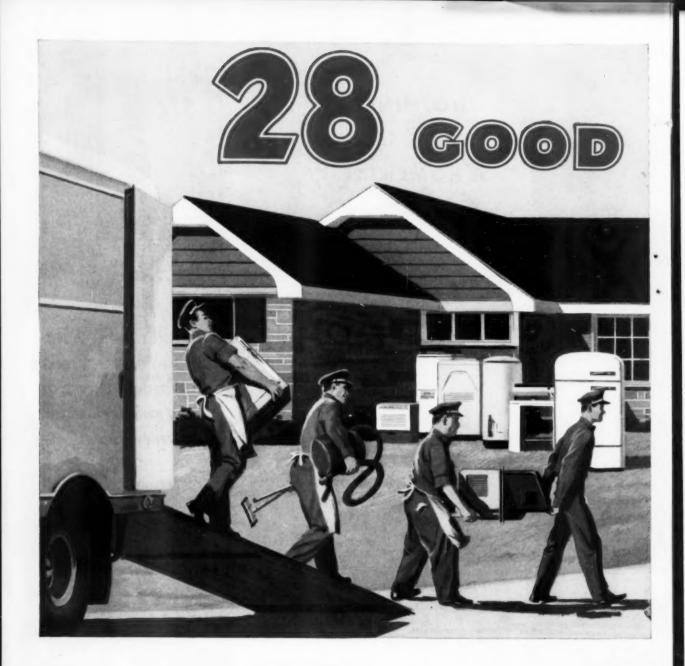
**Streamline** COPPER TUBE AND SOLDER-TYPE FITTINGS ARE THE POPULAR CHOICE OF BUILDERS AND ARCHITECTS EVERYWHERE

...and

WRITE TODAY! FOR INFORMATION KIT NO. 15 CONTAINING THE DETAILED STORY OF COPPER FOR DRAINAGE

172-A

MUELLER BRASS CO. PORT HURON 84, MICHIGAN



# ...why you've got

What will happen when Mrs. New Homeowner plugs in all these electrical appliances? Will she suddenly find her modern home *not* as up to date as she thought?

Throughout the country, millions of homeowners are discovering an important fact-home wiring must be able to handle the multitude of appliances they use today. What's more, provisions must be made for the many *more* appliances they plan to install tomorrow!

No doubt about it – the wiring in a home should be planned as carefully as the rest of the house! A 3-wire service entrance of at least 100 amperes capacity, wires large enough to carry full, healthy loads of electricity, plenty of circuits and an abundance of outlets – all these are vital



# to plan for power!

to the homes of today.

Plan your homes with power in mind – with emphasis on sound, adequate wiring all through the house. You'll make your homes easier to sell; you'll add to your reputation as a designer of quality homes! Free Home Wiring Wall Chart! Send today for Kennecott's handy wall chart showing typical home circuit loads. Use it as a check list when planning home electrical systems. For your copy, write Kennecott Copper Corporation, Dept. AB-46,161 East 42nd St., New York 17, N. Y.



APRIL 1956



# PER HOUSE WITH

## STEEL KITCHENS



### WITH MARVEL <u>FACTORY-DIRECT</u> CUSTOM STEEL KITCHENS, YOU... 1. Save more dollars per kitchen, or 2. Get more kitchen per dollar! Save time! Send us your kitchen layout. We'll show you in black and white the Marvel savings on your job.

### Marvel steel kitchens 3843 West 43RD STREET / CHICAGO 32, ILLINOIS / LAFAYETTE 3-4808

# BUILDER Reference

### HEATING CONTROLS

A reference guide on electronic controls for heating and air conditioning. Data sheets on control panels are included for variety of building installations.—Minneapolis-Honeywell Regulator Co.

Circle No. 163 on reply card Section 6

### **CIRCULATING PUMPS**

This 24-page catalog presents firm's complete line of equipment for forced hot water heating systems and chilled water cooling systems.—Bell & Gosset Co.

Circle No. 164 on reply card Section 6

### FURNACES

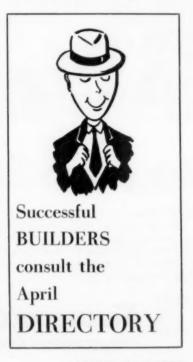
The "Budgeteers" line of forced air furnaces are described with technical specifications in this brochure. Models include conventional, counterflow and horizontal types for every installation problem.—Richmond Radiator Co.

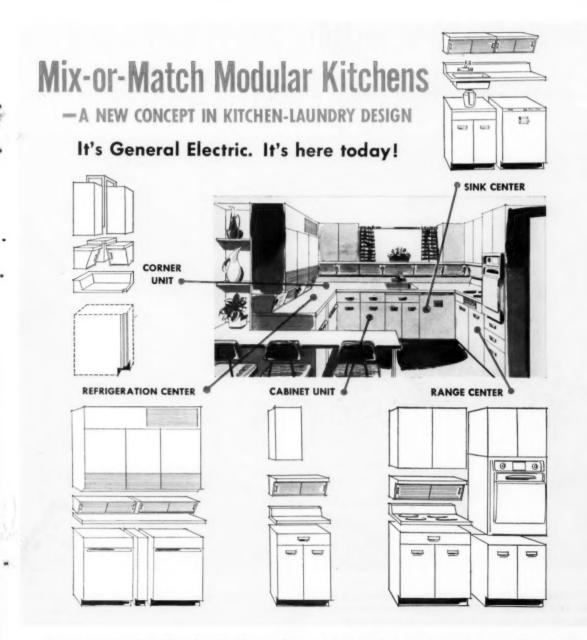
Circle No. 165 on reply card Section 6

### FURNACES & HEATERS

Gas floor furnaces and wall heaters are fully illustrated and described in this 12-page color booklet. Includes data for figuring Btu output; specifications, information on controls.— Temeo Inc.

Circle No. 166 on reply card Section 6





Here are new G-E "Mix-or-match" Modular Kitchens, offering the complete flexibility every builder desires.

Flexibility in *choice*, for all component appliances are the newest G-E models . . . now built *in standard measurement* . . . to "stack-on" in any arrangement you want.

Flexibility in color, for all components are in G.E.'s 5 Mix-or-Match colors.

Flexibility in design, for this dramatic concept fits any and every kitchen-laundry plan.

THEY'RE READY TODAY !- NOW!

These versatile appliance components are already in full produc-

tion. They're ready for delivery *right now*... to give you all the room you need to create individual, appealing kitchen-laundries.

#### GET THE FULL STORY!

Write NOW to Home Bureau, General Electric Co., Appliance Park, Louisville I, Kentucky. You'll receive the complete and detailed *Modular Kitchen-Laundry Design* booklet, Pub. #B24-1415, showing you how this G-E concept fits into your housebuilding profit picture.

7 pages of new G-E "built-in" kitchen-laundries!

Progress Is Our Most Important Product

GENERAL 🏽 ELECTRIC

### Here's the new exciting G-E KITCHEN CENTER

4 appliances in 1 unit . . . under long-lasting stainless steel. Internal water distribution and wiring systems cuts installation costs.



**The flexibility you want in a package kitchen!** This 1956 General Electric package kitchen comes in two sizes—8½ or 9½ feet long. And, there are 8 *basic variations* of this dramatic unit to choose from. It's available with or without a combination washer-dryer, the low oven or waist-high oven. Special under-counter cabinets can be substituted for these appliances.

And, of course, in any of General Electric's five Mix-or-Match decorator colors.

The choice is YOURS—to suit your customers' needs, the price of your houses, the design of your kitchens.

And you'll save, no matter which variation you choosefor this internally plumbed and wired unit is easy to install! Look to General Electric for Your Kitchen Planning! Let us help you design a merchandising kitchen. The General Electric Company will supply you with their booklet on Kitchen Design Ideas, the Kitchen Center Specification Sheet, and the Builder Handbook, a detailed pre-installation guide. You receive free, for the writing, pages of ideas showing how this modern General Electric appliance saves you money and helps you sell homes faster, easier, and with more opportunity for profit.

Remember, 55 out of every 100 women asked said they thought General Electric made the best home appliances! WRITE NOW TO: General Electric, Department KC-109, Appliance Park, Louisville 1, Kentucky.

Progress Is Our Most Important Product

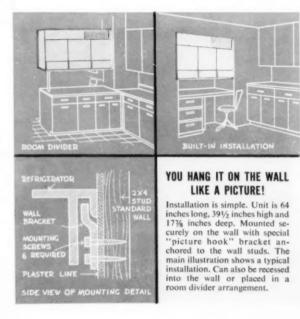
GENERAL 🛞 ELECTRIC

# New "Eye-Level" General Electric Wall Refrigerator-Freezer

OFFERS YOUR HOUSE BUYERS THE "CUSTOM-BUILT" STYLING THEY WANT!



Available in Mix-or-Match colors: Canary Yellow, Turquoise Green, Petal Pink, Cadet Blue, Woodtone Brown-or White, General Electric Alnico Magnetic Doors close silently and with a more efficient seal.



#### **BIG 11-CUBIC-FOOT CAPACITY!**

No matter what price house you're building, this exciting new concept in refrigerator design gives your homes greater sales appeal . . . provides the touch of quality that adds to their value.

Here, in a beautiful compact unit, is a big 11-cubicfoot refrigerator-freezer that *hangs on the wall just like a cabinet*. And because it can be hung at any height to suit your home buyer, it puts all foods at eye level. By placing this luxurious G-E Wall Refrigerator-Freezer on the wall, you free floor space for extra counter area and floor cabinets.

Call your G-E distributor for price and information. General Electric Company, Appliance Park, Louisville 1, Kentucky.

Progress Is Our Most Important Product GENERAL B ELECTRIC

# Six reasons why G-E built-in



0 2.3 0

CANARY

VELLOW



PETAL CADET PINK BLUE

5 Mix-or-Match colors

California builder sold 132 homes in 22 days. He writes "G-E built-ins and color did it." The response to these \$13,500 to \$17,500 homes at West Covina is one of dozens of examples of how colorful General Electric ranges help close the sale for builders.



"General Electric appliances are selling our homes" comes the enthusiastic report from 7 builders in the Chicago area. Here is a canary yellow General Electric built-in range in a Brynhaven Happiness Home. It styles up the kitchen, makes selling the rest of the house easy.



"Out of 36 homes, 30 ordered built-in ranges" wired salesmanager of Currey—a successful Denver, Colorado development. "And," he adds, "only one specified white." Home builders coast to coast agree G-E built-in ranges are selling homes almost on the strength of the kitchen alone. .

# ranges belong in your kitchens

Mix-or-Match colors give the range and its surroundings an expensive "decorator" look that helps attract prospects. Ovens and surface units are also made in satin chrome and stainless steel.

**Easily installed.** Surface unit assembly fastens with a few thumb screws.

**Spacesaving** G-E built-ins don't take space for separate broiler. So they allow more storage room.

Twin oven-venting system keeps cabinets and walls from streaking.

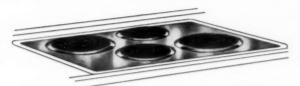
Popular with women. 55 out of 100 questioned said they believe General Electric makes the best appliances.

More features. Pushbuttons, big wide-opening ovens. "Focused Heat" broilers. Four widely spaced top units. For details write to General Electric Company, Appliance Park, Louisville 1, Kentucky.

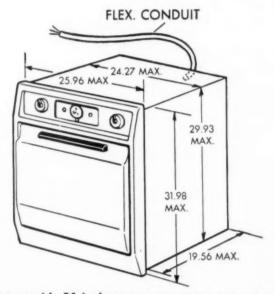
#### NO OTHER BUILT-IN RANGE HAS ALL THESE FEATURES

#### Easiest built-in ranges to install!

Oven installs easily with only one rough-in opening in a 27inch cabinet or is made to fit (and made to match) General Electric Cabinets. Put oven at any height, practically anywhere in the kitchen. And you can build !uxury sales appeal into your homes by installing a pair of General Electric built-in ovens, above each other or side by side.



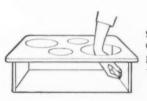
**Install cooktop in minutes.** Sealed-tight, sink-rims installation in a 36-inch base cabinet lets you mount cooking surface flush with countertop. The whole surface unit assembly drops neatly and quickly into place.



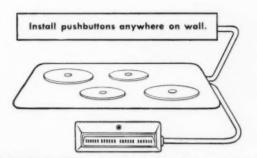
**Same wide 21-inch oven** as General Electric uses for all its ranges. Holds a huge meal. Lined with eye-catching "starlight" grey enamel. Calrod<sup>®</sup> bake units and "Focused Heat" broiler are enclosed. No old-fashioned open coils.

d

e



Simply reach through to fasten. Counter gripper thumb screws give easy, "stand up" installation -cut installing time in half.



Multiple-position pushbuttons can be mounted in front of cooktop cabinet, or in any back wall position. Switch box fits between studs on 16-inch centers. Special plug permits installation in the wall without disconnecting surface units.





ELECTRIC

# Designed with the builder in mind ... New G-E Dishwashers are

# Here's why:



No reaching around unit to install! Entire tub can be removed from cabinet to make plumbing and electrical connections readily accessible! Knockouts on each side of cabinet permit easy installation of right or left drain.



Simplified internal plumbing lets you connect a G-E Dishwasher directly to the drain or through a waste air gap. It may also be connected to a disposer as illustrated.

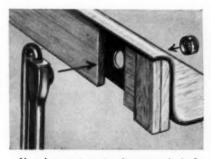


We don't claim that kitchens like this will actually sell your houses for you—but it is a well-known fact that when kitchens are equipped with G-E Dishwashers and Disposalls,<sup>®</sup> those houses are easier to sell! And no wonder—for General Electric appliances are *first* in consumer preference!

The dishwasher and cabinets are available in five beautiful Mix-or-Match colors, offering unlimited possibilities for personalized decorator schemes. Why don't you contact your G-E distributor right away and ask about the new low, low prices available to accredited builders? General Electric Company, Appliance Park, Louisville I, Kentucky.

This kitchen is also equipped with General Electric Cabinets.

# easiest to install!



New low-cost waste air gap method of installation provides maximum sanitation, eliminates need for prior roughing in. Trap is used for both sink bowl and dishwasher.



G-E Dishwashers are also available in this free-standing model with work surface of Textolite<sup>®</sup> or baked enamel. Front panels of free-standing and built-in models available in choice of four natural woods as well as five Mix-or-Match colors.



For a modern, garbage-free kitchen install a G-E Disposall that flushes away all food waste before it can become garbage! Available in deluxe Twistop and Continuous feed models.



#### G-E Dishwashers are unmatched in convenience-performance!



Giant-size capacity... tub has been especially designed to take all the assorted shapes and sizes found in bowls, pans and platters, in addition to regular dinnerware! Washes complete service for eight—or all the dishes the average family would use in a day!



**G-E Dishwashers** offer finest performance because they *power-pre-rinse*—double-wash and *triple rinse*—leave dishes sparkling clean —sanitized! Fan-driven warm air, supplied by a Calrod<sup>®</sup> heating unit, dries dishes thoroughly!

#### Progress Is Our Most Important Product



# General Electric Kitchens can sell your houses!



#### NOBODY but General Electric offers you so much help from design to home sale! See for yourself!

G.E.'s Custom Kitchen-Laundry Design Service will assist you in designing kitchens and improving kitchen layouts in your homes!

A G-E Distributor Builder Specialist will work with *you* on your kitchen design, help you with your color styling, your appliance installation, keep an eye on your delivery dates—*work hand in hand with you all along the line* !

- You have the assurance of knowing that your appliances come from ONE REALLY DEPENDABLE SOURCE!
- G.E.'s Model Home Merchandising Program provides you with *tested* and successful selling tools—everything you need for action at the point of sale! Display cards . . . cue cards . . . colorful streamers, publicity, Design Certification Program, advertising and merchandising *based on hundreds of builder success stories*!

Never before has any appliance manufacturer offered so muchnew built-ins! New color programs! New features! New selling ideas!

#### DO THIS-RIGHT NOW!

G.E. has the complete kitchen-laundry line to help you sell homes! Take advantage of it today.

See your General Electric Distributor Builder Specialist for action on your houses! Or, write to: General Electric Company, Home Bureau, Appliance Park, Louisville I, Kentucky.

# FACTORY USE TEST on Eljer brass

cuts your "call backs"...helps you keep your profits!



Center-set lavatory supply with aerator and snapaction pop-up waste, 1<sup>1</sup>/4" O.D. tailpiece. All working parts renewable.

Lavatory supply with aerator and snap-action popup waste with removable stopper. All working parts renewable.

Before every Eljer brass fitting is packed for shipment it undergoes the most exhaustive use tests . . . under water several times normal operating pressure.

In fact, every component of every Eljer fitting passes through a series of rigid inspections and tests . . . from first castings to the finished products.

Quality control, like this, assures you maximum dependability. You can specify Eljer fittings and know that faulty fittings will not harm your reputation as a quality builder. See your plumbing contractor. Or write: Eljer Division of The Murray Corporation of America, Three Gateway Center, Pittsburgh 22, Pennsylvania.





Your file of construction data is not complete without this AllianceWare catalog. In this volume you have at hand complete details, specifications and installation diagrams of every AllianceWare fixture. With it you can plan and specify Alliance-Ware for any new or remodeling project. Consult it whenever sanitary fixtures are under discussion and you'll find many plus values exclusive with AllianceWare – values that provide better bathrooms at no extra cost.



ALLIANCEWARE, INC. • Alliance, Ohio Plants in Alliance, Ohio; Colton, California; Kilgore, Texas

To obtain a copy, please write us on your business letterhead.



-

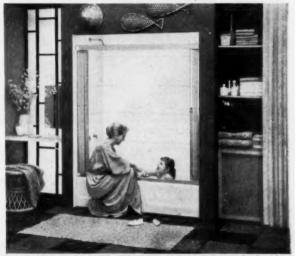
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TUB-MASTER IS MADE WITH HIGH-IMPACT DYLENE PLASTIC. Can't shatter or splinter...has no sharp corners to cut or scratch. Panels fit snugly into polished aluminum frame; won't warp or deteriorate.



NEW FOLDING TUB-MASTER SLIDES SMOOTHLY, QUIETLY for luxurious showering. Translucent doors let in plenty of light, keep out drafts. The bar that fastens enclosure forms a handy towel rack.



TUB-MASTER FOLDS BACK AND STAYS OUT OF THE WAY for bathing children or washing bathtub. By-passes for easy entrance to tub; closes completely for shower. Dries immediately. Cleans like a breeze.



glamorizing your bathrooms!

Tub-Master comes in beautiful decorator colors that go clear through-won't fade, mildew, chip, flake or peel. It increases the value of the homes you build ... helps merchandise them. Call a MODERNFOLD Distributor, he is listed under "Doors" in the classified directory. Or send coupon for complete information.

	tub-master	New Castle Products, Inc. Dept. D217. New Castle, Indiana Please send complete information on new MODERNFOLD Tub-Master.
CAN BE INSTALLED QUICKLY Tub-Master comes complete in one pack- ageis easy to lift and handle.	Patents pending modernfo	ADDRESS
C1956, NEW CASTLE PRODUCTS, INC.		CITYZONESTATE

Cleaner than a shower curtain . Safer than glass . Lovelier than either!

NEW CASTLE PRODUCTS, INC., NEW CASTLE, INDIANA . MANUFACTURERS OF MODERNFOLD DOORS

Now-a really exciting innovation to in-

crease the saleability of your houses-the

most convenient bathtub enclosure ever made! MODERNFOLD's new Tub-Master has

every desirable feature that home-buyers

want in a custom-made bathtub enclosure;

eliminates everything they don't want.

(These photos just start the list!) And there's absolutely nothing else like it for

APRIL 1956

D49



# VES... plus the Lift to Living extras that make a house a home

These extras are the brand name accessories your customers know and want. Such things as Frigidaire fullhome air conditioning ... summer and winter for year 'round comfort.

Air Conditioning? We'll agree air conditioning alone may not sell a house. But it can help you sell more homes in 1956 more quickly, more easily! What's more, this valuable experience will guarantee you the ability and local reputation to *keep pace* with residential air

FRIGIDAIRE CONDITIONERS adaptable to variety of installations



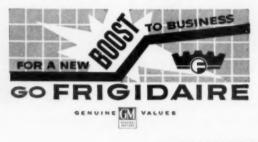
D50



**REMOTE** YEAR 'ROUND Frigidaire has a complete line of air-cooled and water-cooled residential units for add-on, combination, self-contained and remote-type installations. conditioning, which conservative estimates indicate will be included in most new homes in five years.

That's why Frigidaire is adding to its 1956 line many newly-designed and field-tested air conditioning units. With these, Frigidaire offers you a complete, nationally advertised line with a name consumers know and trust.

Your Frigidaire air conditioning dealer will be glad to work with you in planning heating and air conditioning for your new homes ... in promoting and selling them ... and in providing a factory-trained service organization that will assure homeowners the unequaled satisfaction these Frigidaire products provide. See the Frigidaire dealer or distributor nearest you or write FRIGIDAIRE DIVISION, General Motors Corporation, Dayton 1, Ohio.



AMERICAN BUILDER

### Lots of <u>little</u> ads tell lots of <u>big</u> people about TRADE-MARKED

EN

E

L DOORS

ARCHITECT, builder or dealer-who are the biggest people in your work?

There's only one final answer. They're the people who buy, build and remodel houses . . . consumers.

You know the value of the new permanent, doweledin-the-stile Mengel Door trade-mark. We think it's important that your customers be told this distinctive mark is a symbol of pride and protection. A guarantee of quality. A proof of fulfillment.

So, beginning with current issues of the magazines you see here, we're telling them. In a continuing campaign of small-space "eye-catcher" ads, they'll be reminded to look for the 'Mengel-Man' trade-mark long associated with Mengel *Permanized* Furniture.

You watch for these ads too. Hope you'll like them! Door Department, The Mengel Company, Louisville 1, Ky.

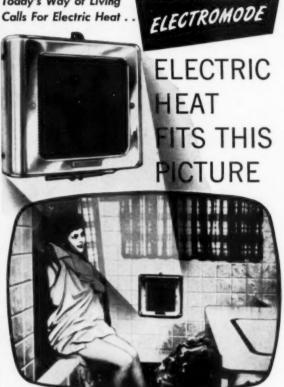
> Mengel Doors equal or exceed the requirements of Bureau of Standards specifications CS200-55

Over 54 million consumer readers exposed to Mengel Doors this month?





D52



ELECTROMODE offers you a complete line of allelectric heaters designed for comfort in any room or every room throughout the house.

Take the bathroom, for example. Many times it's the deciding factor. Electromode heaters add eyecatching beauty and a promise of comfort and convenience that prospective home buyers can't resist. These heaters are available in a choice of gleaming chrome or white enamel finish.



City.

EASY - TO - INSTALL COMPLETE SAFETY

ONLY Electromode heaters are equipped with a sealed-in, CAST-ALUMINUM HEAT-ING ELEMENT. Absolutely no glowing elements or exposed open coils. Tops in safety, efficiency and economy.

- Included In Electromode Line Are:
- Wall and Portable Heaters Panel Heaters
- Baseboard Heaters 
   Radiant Cable Heat

Rivisian Ol

· All With Automatic Room Temperature Control

"Leaders in Electric Heating Since 1929"

.

Mail The Coupon TODAY Get All The Facts

State

COMMERCIAL CONTROLS CORPORATION

Electromode Division, Commercial Dept. AB-46, 45 Crouch St., Rochest	
Please send me your FREE brochure of electric heaters for homes. Name	on the complete Electromode line

As a builder, don't you find that your customers turn to you as the expert on heating equipment?

When it comes to heating, recommend Temco, built by America's Gas Heating Specialists.

And if it's one of the modern trim and compact single floor homes with crawl space underneath, recommend Temco's Automatic Gas Floor Furnace.



WHEN THEY ASK "WHY?" HERE'S THE ANSWER!	STUCIONSTOC ANTENN
Quickly, easily installed; fits right into	the floor.
Requires no basement, no costly exca	vation.
<ul> <li>Engineered to operate with equal effort tured, or L. P. Gas.</li> </ul>	fficiency on natural, manufac
<ul> <li>Carries Temco's 20-year written warre Chamber.</li> </ul>	anty on Porcelain Enamel Hea
Approved by A.G.A., Guaranteed by	Good Housekeeping.
Temco, Inc., Department B-911 Nashville, Tennessee	
Please send me your illustrated catal Temco Automatic Gas Floor Furnace.	og with complete details on
Name	
Firm Name	
Address	********

Zone

State

D53

City

\_\_\_\_ you're the EXPERT!

.

#### NEW IDEA FOR AIR CONDITIONED HOMES

## Texas builder uses attic exhaust fan to save on air conditioning



#### SHIRLEY WHITE OF AUSTIN, TEXAS, REPORTS ON TEST MADE IN OWN HOME WITH OUTSIDE TEMPERATURES OVER 100° FOR 30 DAYS

In June, 1955, Shirley White installed a Hunter Automatic Exhaust Fan in his own home to determine its value in reducing operating cost of air conditioning equipment. After a full season of operation, he is convinced this installation not only reduces electrical bills, but also improves air conditioning efficiency.

Builder White reports: "We went through one hot spell where the outside temperature exceeded 100° every day for 30 days. The Hunter Exhaust Fan, operating from a thermostat, would start between 9 and 10 in the morning and work continuously until sundown. The air conditioning system would respond to temperature drop on the outside within an hour or so after sundown. I attribute this to rapid relief of heat load in attic space, and estimate that the attic exhaust fan saved 1½ to 2 hours of air conditioner operation every day."



#### Builder White used soffit openings to provide fresh air intake and exhaust

The Hunter Exhaust Fan was located to discharge air into enclosed attic space above garage, with soffit vents to release it to the outside. Air intake was through soffit vents in the roof overhang of air conditioned area. In most applications the fan is installed in a gable and discharges to the outside, with air intake through louvers at opposite end of attic. (See drawing in next column.) Fan can be installed horizontally in the ceiling of carport or garage, or in a soffit. Such applications do not require use of the automatic shutter.





NEW HUNTER AUTOMATIC EXHAUST FAN REMOVES HEAT LOAD FROM ATTIC ... makes air conditioning less expensive, more efficient

The Hunter Exhaust Fan has been specifically developed to remove the terrific buildup of summer heat in attics. This heat frequently reaches a temperature of 135° in hot weather, and even goes as high as 175° in some areas of the country.

This fan is equipped with a thermostat which starts the fan operation as soon as temperature in the attic reaches 95°. The fan will run continuously through the heat of the day until the outside air temperature has cooled to a point that will bring the attic temperature down to 90°. The thermostat then shuts off the motor and the fan louvers close automatically. A weatherstripped seal along the tip of each louver blade keeps out the elements.

The entire cost of the complete unit (which includes fan, mounting flange, shutter and thermostat) is only \$78.00 retail list. Fan equipped with thermostat only, \$64.00.

#### COOLS UP TO 8500 CUBIC FEET

The 16" Hunter Automatic Exhaust fan has a certified air delivery rating of 1750 c.f.m., which produces a complete air change every 4 to 5 minutes in an 8500 cubic foot area. The motor is single speed, totally enclosed capacitor type, with built-in thermal overload protector. It is fully guaranteed for one year by Hunter, builder of highest quality ventilating fans for 70 years.

> For complete data, write HUNTER FAN AND VENTILATING COMPANY

> > P. O. Box 2858-E Memphis 2, Tenn.

# Exclusive Selling Features of the *Thermostyled* Classic by DETROIT CONTROLS



#### **BEAUTIFUL STYLING ... EYE-LEVEL READING**

As new as tomorrow ... that's what furnace manufacturers and dealers said when they first saw the Classic ... and you'll agree with them the first time you install one of these smartly designed thermostats on your next job.

The satin-gold case and black dial with its easy-toread numerals complements the color scheme of any room.

But enough about its beauty . . . that's obvious . . . what you want to know is how much does it cost and how easily it can be installed.

Yes, it looks like more money but it costs no more than other makes . . . and that's important to you, but equally as important is the fact that the Classic's wiring system is standard 2-wire low voltage-and it will practically replace any thermostat without wiring changes!

Now, add up these exclusive selling features of the Classic and compare them with other thermostats of any shape, size or style and we're sure you'll want to find out more about it by calling one of the Detroit Controls representatives in your district or writing us today for full information.

#### TIMED CYCLING Ends "HOT" and "COLD" Periods

Here is another Detroit Controls exclusive selling feature... Timed Cycling... the device that actually anticipates the heating needs of the home... controls room temperature within a fraction of a degree ... provides the ultimate in heating comfort by eliminating over and under heating. Find out more about Classic, the "self-governing" thermostat, by writing for descriptive folder Form 1687 today.

#### YOU LIVE BETTER WITH DETROIT CONTROLS

DETROIT CONTROLS CORPORATION 5900 TRUMBULL AVE. • DETROIT 8. MICHIGAN

Division of AMERICAN - Standard



Representatives in Principal Cities • Canadian Representatives: RAILWAY AND ENGINEERING SPECIALTIES, LTD., Montreal, Toronto, Winnipeg.



AUTOMATIC CONTROLS for REFRIGERATION

AIR CONDITIONING . DOMESTIC HEATING . AVIATION . TRANSPORTATION . HOME APPLIANCES . INDUSTRIAL USES

D55

### you deal in profi when you deal



If your objective is profits and your method sales, then it logically follows that your product is Super Glass. For this fast-selling automatic water heater not only offers customers the best possible values in abundant rustfree hot water and high-standard performance but also in safety and trouble-free, low-cost operation that lasts for years to come. Combine these features with KOVEN's efficient modern design and white easy-to-clean jacket and you have a water heater hard to resist-the economical, salable Super Glass by KOVEN

of sizes and models

CRACK



- smart looks sturdy construction
- Iona-life 355 lbs, test tank

D56

• trouble-free operation • precision engineering

nationally advertised

**KOVEN & BRO., INC.** 154 Ogden Ave., Jersey City 7, N. J. Plants: Jersey City, N. J. • Dover, N. J. • Trenton, N. J.

#### Homes Wired for Tomorrow ... ... are 'Wired for TV' with television lead-in moslev wall plate sockets

COLOR Television demands a good outside antenna installation!

Modern homes are ready for this modern home need when they are equip-ped with MOSLEY AC/TV Wall Plate Sockets that permit plug-in connection of TV set to antenna at any one of several different locations.

MOSLEY Wall Plate Sockets are low in cost - easy to install to meet requirements of electrical code. They are TV Engineered for efficient performance and styled to harmonize with existing electrical wall plates.

Your clients will want their homes Wired For Tomorrow ... Wired For TV with MOSLEY TV Wall Plate Sockets!

> MOSLEY TV Wiring Devices are evailable coast-to-coast. Write for name of nearest supplier.









lead-in plus matching wall plate for double convenience outlet. for double convenience outlet, Complete with TV Plug, plated machine screws, metal barrier for separating AC and TV services and full instructions. Less bbg and AC socket. In brown or ivory.

Other types available for multi-ple lead-in lines and combination lead-in and rotor cable.

### The feature that helps sell homes



### saves money for the builder

on labor and piping cost ....

### saves space, too.

### It's the ELECTRIC Water Heater!

Thousands of builders all over the country keep down construction costs and save space in the homes they build. The method used is very simple. It's one you'll want to use. They install automatic storage type *Electric* Water Heaters.

They install this appliance near where the hot water is needed. They avoid long pipe runs, which saves on piping, time and labor. Because this type of water heater can be installed anywhere, they save space. You see, there's no flue or vent to provide for. All of which means lower installation cost.

Home buyers like the *Electric* Water Heater, too. The complete insulation—top, bottom and sides—(holds heat like a giant vacuum bottle) keeps water hot. Heat loss through piping is reduced to a minimum. Operating cost is kept low. Operation is completely automatic and trouble-free for years. So you have a real selling feature, as well as a saving. You have it, that is, if the water heaters are *electric* in the homes you build!

#### ELECTRIC WATER HEATER SECTION National Electrical Manufacturers Association 155 East 44th Street, New York 17, N. Y.

ALLCRAFT • BAUER • C-E HEATMASTER • CRANE SELECTRIC • CROSLEY FAIRBANKS-MORSE • FRIGIDAIRE • GENERAL ELECTRIC • HOTFOINT HOTSTREAM • JOHN WOOD • KELVINATOR • LAWSON • MONARCH • NORGE PENCO • REX • RHEEM • SEPCO • A. O. SMITH • THERMOGRAY • WESTINGHOUSE



and

#### EDWARDS QUALITY DOOR CHIMES



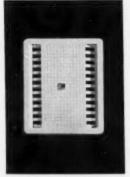
### SETS THE SCENE FOR A SALE!

Edwards quality Door Chimes are a "sound" investment for every builder looking for that important extra – an advantage that sells homes easier and faster!

All are competitively priced, from the low cost model to the famous Edwards Canterbury. Every one is dramatically styled by Francesco Collura for perfection in sight . . . quality manufactured by Edwards for perfection in sound.

A natural to set the scene for a sale and available on *any* Edwards Chime is an *exclusive* "privacy-protection" feature! Your Edwards Representative will be happy to explain 5 other new plus features of Edwards Door Chimes that give your homes definite sales advantages.

Ask your Electrical Distributor or Contractor for complete details on all Edwards *nationally advertised* products for homes. Or write EDWARDS COMPANY, INC., Norwalk, Connecticut. (In Canada: Owen Sound, Ontario.)



Edwards popular recessed Hideaway Chime with the Vibrechord Sound.

Edwards Home Fire Alarm in your homesoffers prospects permanent, maintenance-free fire protection for the family 24 hours a day! Costs only a few dollars to install – pays off handsomely – makes the perfect sales clincher.



Specialists in signaling since 1872



AMERICAN BUILDER



# ECONOMY ANSWER FOR

THE SECOND BATHROOM

A . D'

An extra bathroom is a demand item these days—whether it be in new home construction or in remodeling. The corner design FIAT Shower holds the key to this economy as the diagram clearly indicates.

Only 30 square feet will provide an attractive, convenient and *complete* bathroom! You'll save not only on area, but on expensive materials as well. With a FIAT "packaged" Shower there's no need for costly tiling or other special wall covering. It is a self-contained plumbing fixture that requires no special room or construction preparation, yet is designed to give a "built-in" appearance.

The CORNER CADET model shown here has the quality look home owners are seeking, and it comes in a choice of colors to match other fixtures. Its shape and styling is modern and appealing . . . its finish is sparkling, sanitary and long-lasting of highest quality, acid-resistant bakedon enamel . . . its floor is the finest solid, sparkling *terrazzo* precast to assure proper drainage and leakproof permanence. This FIAT floor affords a warm, foot-gripping surface that's easy to keep clean.

Find out how little more the finest shower bathroom will add to any plan. Send coupon today—no obligation of course.

Please send complet line of shower equip	e information on your complete
Name	1
Company	
Address	
City	State



Here's a unique home feature with a double benefit for builders.

It's the built-in Frigidaire Wall Oven. Easily and quickly installed, it's a cost-cutter in construction, a spacesaver too.

But it also has an astounding feature that captivates every woman who sees it. For the "Wonder Oven" actually two ovens in one—bakes and roasts or broils at the same time.

Instantly it can be made into two compartments for the purpose, each with a separate control of the different

D60

temperatures-or used as a single huge oven for any cooking purpose.

Frigidaire advances like these are convincing proof of a builder's high standards—an assurance that carries its selling influence into every room the prospect inspects.

And behind the appeal of Frigidaire equipment is the largest, best-organized service force in the field. It assumes full responsibility for the continuing satisfaction of your buyers.

You'd do well to have Frigidaire products and prestige on your side in today's highly competitive market.



AMERICAN BUILDER



# This is for me!

#### A REPUBLIC STEEL KITCHEN IN COLOR!

#### AT NO EXTRA COST TO BUILDERS

Kitchens sell homes—and it costs not one penny more for you to dramatically create a Republic Steel Kitchen in Prelude Pink, Tempo Turquoise, or Largo Yellow . . . the lovely new Harmony Hues. Soft, subtle shades that folks buy without question—without request for change—because they're styled to answer modern kitchen decor. Harmony Hues blend with new-trend appliances in color, and go so well with today's fashionable decorating materials.

#### **REPUBLIC STEEL MEANS SERVICE, ECONOMY**

Republic Steel, the only company in the industry offering the economy of "mine to market" production, provides distinct advantages to builders. Dependable service. Planning guidance. Economical installation. Quality that eliminates expensive call-backs. Get the complete story from your Republic Steel Kitchens distributor, or use the coupon.

#### REPUBLIC STEEL KITCHENS

in Harmony Hues

IN CLASSIC WHITE . LARGO YELLOW TEMPO TURQUOISE . PRELUDE PINK

#### REPUBLIC STEEL KITCHENS • Builder Sales 1038 Belden Avenue • Canton 5, Ohio

Send me complete information on Republic Steel Kitchens and the name of my nearest distributor.

Firm	
Individual	
Address	
City	Zone
	State
AB-364	C-1326A

# Vornado's GREAT NEW Pre-Engineered - Pre-Packaged - Ready for the Job

LOOK AT THESE AMAZING VORNADO UNIT FEATURES



EXCLUSIVE DIFFUSERS ine of six new place desired



### ELECTRICAL CONTROL

tion of manual 3-position switch or for automatic cooling with a thermostat.



EVAPORATOR

Each with twin air inter-tech with twin air inter-technical to the large call a ment of a large values



COMPLETELY AIR COOLED UNIT Requires no water connect ... completely eliminates to of w

#### NO TROUBLESOME VALVES Hermetically sealed unit elimi-

nates costly "on the job" ad-. . . seasonal maintejustments nance calls.

#### NO EXPENSIVE OLD FASHIONED PILIMRING

Eliminates complicated water controls numos, towers Stops water system maintenance expense.

#### BOX Is pre-wired for quick connec-



Pulls huge volumes of fresh outside air over condenser. One piece fan blade is perfectly balanced and tracked for vibrationless operation.

#### TWIN RUN CAPACITOR

Reduces amperage draw makes possible the "cycling" on and off of the second compressor for Vornado Twin System cooling.

### VORNADO Prekabricated DUCT EASILY INSTALLED



IT'S FEATHER QUIET Ductwork . . . especially bal-anced to the unit . . . completely minates any air Millions of intertwining glass fibers form microscopic air pockets to absorb noises.



IT'S AIR TIGHT Vornadoduct is a full three-quarters of an inch thick, presenting a barrier to entry of hot, autside air keeping inside air cool longer.



IT WILL NOT SWEAT Reinforced aluminum fail vapor barrier around the outside prevents "sweating" (condensation of air-borne moisture) which can ruin ceilings and walls.



IT'S FLAME RESISTANT The hard finish, flame resistant coating of all Fiberglas ducting gives you vital protection while issuring the efficiency of maximum air velocity.

#### COMPLETELY SELF CONTAINED

Vornado puts residential air conditioning in a "package"...eliminates any extra plumbing...piping... water connections...or outside accessories. Everything is housed in the one small...compact...sturdy package.

#### **PRE-FABRICATED DUCTWORK**

Vornado engineers successfully developed this low cost, prefabricated, insulated ductwork that drastically reduces your installation costs. Assembled by merely taping pre-scored sheets together ... it is one of the most amazing new developments in the air conditioning field.

#### SIMPLIFIED CONTROLS

One simple switch...plus a thermostat if desired...completely controls Vor-nado's powerful cooling operation. Can be set on "Hi" for extra hot days...or reduced to "Lo" for mild days and more economical operation. During winter months just turn unit "Off"...no start-up or pump-down problems.

#### LOW PRICE TAG

Vornado is the first truly low cost ... high quality air conditioner any builder can sell with confidence. You'll be amazed at the very few dollars Vornado adds to your construction costs.

#### **Dramatic Sales Promotion Aids**

Vornado helps you sell air conditioned homes with dramatic . . . well planned ... attention getting ... merchandising sales aids. Handout pieces, exterior signs, interior mobiles, decals, publicity stories, ad layouts . . . and many other promotional programs . . . all designed to give your air conditioned homes . . . excitement . . . attention . . . and extra sales appeal.

# **CENTRAL AIR CONDITIONERS** - Low Cost - Easily Installed - High Performance!

### Here's Proof of Vornado's Tremendous BALANCED COOLING CAPACITY Here are the results of tests conducted in St. Louis by Dr. E. M. Brooks, Professor of Geophysics and Geo-Dr. E. M. Brooks, Professor of Geophysics and Geo-physical Engineering. They prove without a doubt that Vornado does an effective job of cooling regardless of outside conditions. Notice how inside temperatures re-mained at an even 70 degrees and how humidity never exceeded 50%. These tests were conducted under normal living conditions . . . families with children doors being opened and closed. TEMPERATURE 70 This simple, gable installation allows installation with a ninimum amount of effort. Prefabricated grille is available that can be pointed with the house. Architectural treatments are limited only by the imagination of the designer. 90 TEMPERATURE 70 60 HUMIDITY 50 YES! Vornado Just Cools Better! Many builders have successfully tied the unit into existing furnace ductwork by installation through the basement wall. This particular type installation effers reduced cost in duct runs

### TWO SIZES TO FIT AVERAGE 2-3- or 4-BEDROOM HOMES

**Products** of

DR

ng"

THE O. A. SUTTON CORPORATION WICHITA, KANSAS

Specialists in the manufacture of comfort cooling appliances



THE O. A. SUTTON CORPORATION 1807 West Second Street

Wichita, Kansas

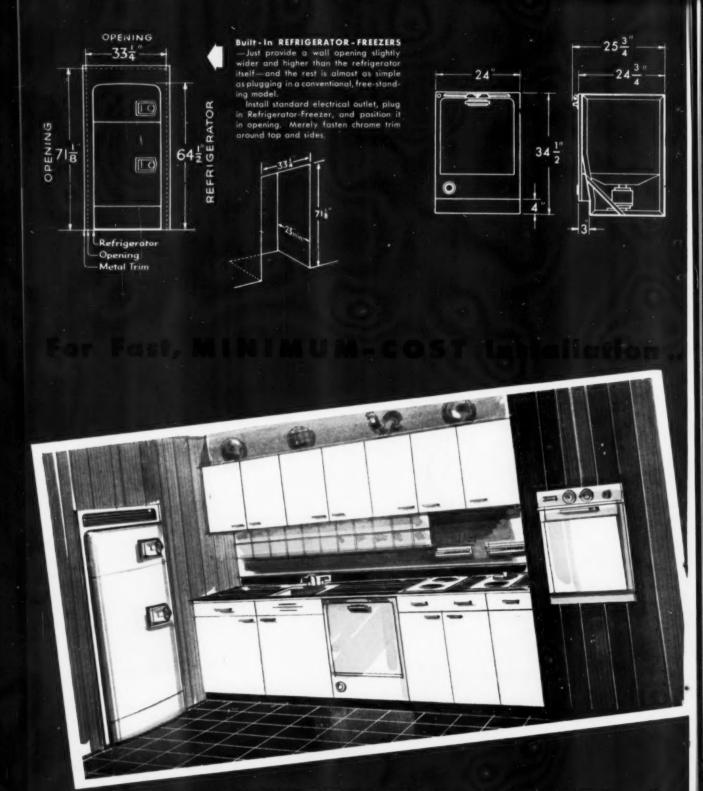
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I want	cor	nplete	inform	ati	on	on	your	new	low	V-C	ost
central obligati		condit	tioners.	It	is	und	lerstood	d the	re	is	no

NAME_	 
FIRM	 

POSITION_
ADDDECC

CITY.



#### Hotpoint Built-In "Living-Room" Kitchens Sell Homes!

In the tighter 1956 home market, your Hotpoint Built-In "Living-Room" Kitchen will be the **sales** feature that prospects want the most—the **quality** feature that makes prospects choose **your** home over those of competitors!

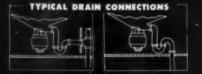
#### Built-In 24" AUTOMATIC DISHWASHERS— Both drain and hot water connections can be made

from front with gravity or pump-drain dishwasher in place.

To install gravity-drain model in new homes, with or without basements, add "T" in arain line, run nipple through wall, and connect to Dishwasher with a "P" trap.

In some homes with basements, it is easier to connect drain line to stack in basement, extend it through floor, and connect to Dishwasher with "S" trap. (Located above or below floor.)

For remodeling work, a full line of pumpdrain models is available.



# Hotpoint The Builder's Line of Built-Ins!

#### Here are built-in appliances designed **for** the builder engineered for the unsurpassed speed and simplicity of installation that mean **more profits** for you!

Only the usual skills...standard tools...and familiar materials...are needed to install Hotpoint Built-Ins. No special construction is involved—all you do is provide "recesses" of the right dimensions.

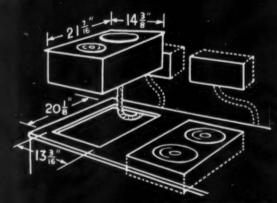
There are three **more** big reasons why the Hotpoint Line is recognized as "The Builders' Line of Built-Ins."

1. Only Hotpoint offers such a wide variety of models, prices and finishes! You'll find the "right" Hotpoint Built-ins for luxury homes or modest homes—in 5 beautiful Colortones, Coppertone, and Stainless finish.

2. Hotpoint's Built-Ins add tremendous sales-appeal to your homes—because home-buyers immediately recognize Hotpoint's superiority—**superiority built on performance!** 

3. Hotpoint Built-Ins help finance your homes. Financing agencies are ready to give you maximum evaluation and a higher mortgage when you include Hotpoint **Built-Ins!** 

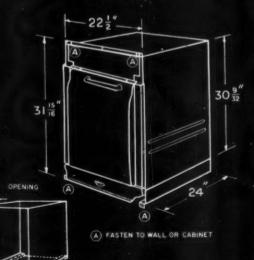
FOR COMPLETE INFORMATION ON HOTPOINT BUILT- INS, CONTACT YOUR HOTPOINT DISTRIBUTOR'S BUILDER SPECIALIST.



Built-In SURFACE UNITS—In 2-unit (illustrated) and 4-unit sections.

For 2-unit sections, make cut-out in counter top slightly larger-than rough-in box—when in place, top flange of box rests on counter top. Then insert Remote Control Box into adjacent wall and connect with separate 3-wire branch circuit. Drop section into cut-out, connect to Remote Control Box, raise four clamps up against bottom of counter top, tighten screws—and section is ready to operate.

4-unit section is installed in same manner, but controls are built into section and do not require separate installation.



Built-In OVENS—Provide two guides at bottom of opening for firm, level support—ne insulation or extra materials needed. Run 3-wire branch circuit to standard connection box and connect oven.

Then—insert oven into opening. Remove screws holding upper and lower trim panels. Fasten oven body to top and bottom of opening with four screws and replace trim panels.

look to topoint for the finest ... first!

FLOOR



Boost profits, cut service calls, sell more homes by ordering Airline conditioned air equipment. You'll gain the home buyer's confidence by showing him the magic

selling name . . . Borg-Warner Corporation. B-W appears on every Ingersoll Airline unit, extending a friendly aura of quality. trust, experience. The big B-W stops your consumer . . . long enough to land a sale.

CAS HI-BOYS

HL OR GAS

AIR AND WATER COOLED

OR GAS HORIZONTALS



INGERSOLL CONDITIONED AIR DIVISION, KALAMAZOO, MICHIGAN NIAGARA-the word for maximum heat at minimum cost.



NIAGARA SERIES 70 FURNACE For Complete Information and Specifications Write or Phone



NIAGARA FURNACE DIVISION The Forest City Foundries Co. 2500 West 27th St. + TOwer 1-5040 + Cleveland 13, Ohio

# Are you taking Advantage of the <u>Complete Grote</u> Package?

Finest bathroom cabinets...Sparkling "Glo-Chrome" accessories...Convenient "one-source" shipping!

The new Grote package includes a complete line of cabinets and accessories . . . both shipped from Grote's Bellevue, Ky. plant. Since Grote supplies both cabinets and accessories and ships both from the same point, important benefits are passed all along the line . . . lower transportation costs, simplified stock control, time-savings, etc. WHAT A PACK-AGE! Complete line (cabinets and accessories) complete service, and of course, you can count on Grote quality to please your most particular customers!

The complete Grote lines of both Bathroom Cabinets and Glo-Chrome Accessories are distributed by leading jobbers everywhere.

Send for facts on GROTE'S Money-Making "Bathroom Package" Today!

	MANUFACTURING CO., INC.
GROTE MAN	NUFACTURING CO., INC.
	ucky, opposite Cincinnati
I am in	terested in information on the e GROTE Package.
	Serve Concellent - Management - Source - Source - Source
ADC RESS	
CITY	ZONE STATE

#### AMERICAN Reference BUILDER File

#### HEATING

"Make vourself comfortable" is the title of this 36-page booklet which illustrates firm's line of heating equipment. In addition it gives practical facts about heating equipment and what to expect from the equipment .--Mueller Climatrol

Circle No. 167 on reply card Section 6

#### HEATING

Gas-fired heating units are illustrated in this literature. Features hiboy, loboy, horizontal and counter-flow units. -Chattanooga Roval Co.

Circle No. 168 on reply card Section 6

#### HEATING

In loose-leaf form these specification sheets are available on firm's complete line of forced-air furnaces. Includes horizontal and downflow models as well as conventional types.-Perfection Industries

Circle No. 169 on reply card Section 6

#### BOILERS

Presenting the new series "F" gasfired boiler this 6-page folder gives quality features as well as complete specifications for all models which are adaptable to steam, vapor or hot water heating .- Richmond Radiator Co.

Circle No. 170 on reply card Section 6

#### ELECTRIC HEATING

Electric generator for hot water heating systems is shown and described in new 8-page color brochure. Illustrates applications, installation and selection data .- Precision Parts Corp. Circle No. 171 on reply card Section 6

#### ELECTRIC HEATING

Home heating by electricity is covered in this brochure. Several different types such as radiant ceiling, baseboard, and panel heaters are shown and illustrated for conventional home installation .- Electromode Div. of **Commercial Controls Corp.** 

Circle No. 172 on reply card Section 6

#### ELECTRIC HEATERS

A new ceiling type electric heater is illustrated in this folder. A built-in fan distributes the heat evenly throughout the area. Models are available from 1000 to 5000 watts .- Markel Electric Products, Inc.

Circle No. 173 on reply card Section 6



superior performance under actual kitchen conditions! The only hood that tilts for easy cleaning and handy access to fan and light!

\*Now available with famed Pryne Blo-Fan or the new Axial Flo-Fan.

D68

### AMERICAN

#### **Reference File**

#### ELECTRIC CEILING HEATERS

Radiant ceiling heaters and the "Heat-A-Lite" heaters are illustrated in booklet 30-C-43 complete with specifications and installation diagrams.—Nu-Tone, Inc.

Circle No. 174 on reply card Section 6

#### ELECTRIC HEATING

"A New Perspective in Heating Comfort," a 12-page catalog giving information on electric radiant heat cables installed in the ceiling. Also available are two bulletins showing design and installation instructions. Sunwarm Inc.

Circle No. 175 on reply card Section 6

#### RADIANT PANEL HEATING

Handy 50-page book is a digest of practical information and design data for radiant heat installations with copper tube and solder joint fittings. Contains detail drawings, specifications, Btu tables.—Chase Brass & Copper Co.

Circle No. 176 on reply card Section 6

#### RADIANT HEATING

Automatic radiant hot water heat is thoroughly covered in this 12-page booklet, which illustrates many features of the system including application with any type of heating unit.— H. A. Thrush & Co.

Circle No. 177 on reply card Section 6

#### HEATING DUCT

Applications of "Sonairduct," lightweight fibre duct designed for gas or oil-fired slab-floor perimeter systems, are fully illustrated in this 8-page booklet.—Sonoco Products Co.

Circle No. 178 on reply card Section 6



in the YELLOW-PAGES Section 6



APRIL 1956

D69



### Most people "Remember the Alamo,"

**but**... do they know where to find you when they want to build a home, add a room or remodel a store? Use the 'Yellow Pages' of your telephone directory to tell them your name, address, telephone number and special features of your business.

The 'Yellow Pages' are America's most used buying guide – have been for more than 60 years. And millions of messages in 17 leading national consumer magazines are reminding men and women at home and in business year after year to find you fast in the 'Yellow Pages.'

That's why it pays to advertise under the 'Yellow Pages' headings that can mean more phone-in business for you.



Ask the "Classified" man for dollars-and-cents data on 'Yellow Pages' advertising. He can be reached through your telephone business office.



# BUILDER Reference

#### KITCHEN CABINETS

"Designed and Styled—for Women by Women" is theme of 22-page booklet on Curtis wood cabinet line. Many kitchens reproduced in full color; also planning aids. illustrations of basic units.—Curtis Cos. Inc.

Circle No. 179 on reply card Section 6

#### KITCHEN CABINETS

Firm's 4-page wood cabinet brochure highlights "Lusterite" doors—corrugated fiber glass panels with textured crinkle finish. Wide variety of units shown with dimensions.—National Kitchens.

Circle No. 180 on reply card Section &

#### APPLIANCES

Complete set of data sheets, perforated for loose-leaf binding, on this company's line of appliances. Data on built-in ranges, water-heaters, dishwashers, garbage disposals and refrigerators. All printed in 4-colors.—Hotpoint Co.

Circle No. 181 on reply card Section 6

#### **BUILT-IN OVENS & RANGES**

Attractive brochure includes illustrations of company's line of gas or electric ovens and range inserts, feature descriptions, unit sizes and wattage specifications.—National Stove.

Circle No. 182 on reply card Section 6

#### BUILT-IN COOKING UNITS

Three new brochures provide descriptive material on firm's built-in food preparation products: gas ranges; electric oven and top units; the microwave-cooking electronic range.—Tappan Stove Co.

Circle No. 183 on reply card Section 6

#### **BUILT-IN COOKING UNITS**

Larger "Masterpiece" built-in oven-18" wide by 18" high by 197/s" deepis illustrated and described in new 4page brochure. Separate folder covers installation of oven as well as cooking tops.—Thermador Electrical Mfg. Co.

Circle No. 184 on reply card Section 6

#### **BUILT-IN APPLIANCES**

A whole new line of built-ins which include ranges, ovens. refrigerators and dishwashers are described, and detailed, in this 8-page catalog. All appliances shown are available in stainless steel or a selection of five new colors.—Hotpoint Co.

Circle No. 185 en reply card Section 6

AMERICAN BUILDER



#### AMERICAN

BUILDER

#### **Reference** File

#### CAS RANCES

Catalogs available on complete line of gas ranges including built-in line of ranges and ovens. Also available is line of electric built-ins.-Brown Stove Works

Circle No. 186 on reply cord Section 6

#### RANGES

In loose-leaf form these specification sheets are available on firm's complete line of gas and electric ranges. Wide range of sizes and models-Perfection Industries

Circle No. 187 on reply card Section 6

#### KITCHEN FAN

Literature on Fasco's "Cab-Vent" a new turbo radial impeller fan which requires only 14" x 8" in cabinet above range .- Fasco Industries, Inc.

Circle No. 188 on reply card Section 6

#### KITCHEN FANS AND HOODS.

"NuTone Ventilators," an 8 page booklet featuring range hoods and bathroom, wall, and ceiling ventilating fans giving specifications and accessories. Also bulletin 30-D-1 on installing the "Duo-Level" kitchen cabinet ventilating system.-NuTone Inc.

Circle No. 189 on reply card Section 6

#### VENTILATING FANS

Bulletin 620-L provides complete data on company's line of small room electric ventilators and accessories. Included: several types of range hoods and kitchen cabinet ventilators .-Trade-Wind Motorfans Inc.

Circle No. 190 on reply Card Section 6

#### VENTILATING FANS, RANGE HOODS

Here's installation data and specifications on "Kitchen-aire" all-aluminum single or multiple-vent wall or roof model fans. Also details about range hood line .- Stewart Industries Inc.

Circle No. 191 on reply card Section 6

#### BATHROOM VANITIES

The "Regency" line-with corrugated fiber glass door panels-and the "Modern"-Formica-surfaced throughout-are featured in this color folder. -National Vanity.

Circle No. 192 on reply card Section 6

#### RATHROOM CARINETS

Recessed bathroom cabinets are covered in a 4-page brochure which contains specifications and other essential data. Separate folder shows firm's line of "Fari-Chrome" bathroom accessories.-Grote Mfg. Co. Inc.

Circle No. 193 on reply card Section 6

#### BATHROOM CABINETS

Catalog illustrates and gives specifications on line of bathroom medicine cabinets of stainless steel. All have mirrored sliding doors for added convenience.-Mirro Chrome Co., Inc. Circle No. 194 on reply card Section 6

#### PLUMBING FIXTURES

Attractive loose-leaf catalog gives information on complete company fixture line-bathtubs, lavoratories, closets, sinks. Also color samples, miscellaneous and sales data.-Alliance-Ware Inc.

Circle No. 195 on reply card Section 6

#### PLUMBING FIXTURES

Complete line catalog on "Beautyware" gives specification data and rough-in dimensions for the entire line of bathroom fixtures as well as kitchen sinks which includes cabinet as well as in-counter top types .-Briggs Mfg. Co.

Circle No. 196 on reply card Section 6

Build your **Reference File** of CATALOGS and LITERATURE Use the handy reply card in Section 6

### Good Water System Vital to Customer Satisfaction in Suburbs

C ustomer satisfaction of a home in the suburbs depends to a great extent upon the water system. That is the opinion of more and more top-ranking builders. This is the way they see the situation:

Modern suburban living requires plenty of water in many places and under adequate pressure. And since dependable, day-and-night water service is so vital to suburban living, it is good business for building contractors themselves to carefully specify the water systems which are to be installed in the homes they build.

Foremost among the new water systems on the market today which will provide all the water necessary for truly modern living are the Rapidayton Twin\* Champion and the Rapidayton Dolphin\* submersible.

The Rapidayton Twin is a 2-impeller jet pump, available with either 13- or 30-gallon horizontal tanks or 42- or 52gallon vertical tanks. (The latter meet FHA requirements.) The Twin pumps FULL CAPACITY AT 40 LBS. PRES-SURE, compared to a loss of 50% to 80% in single-impeller pumps. It is convertible for shallow or deep wells and goes down to 150 feet.

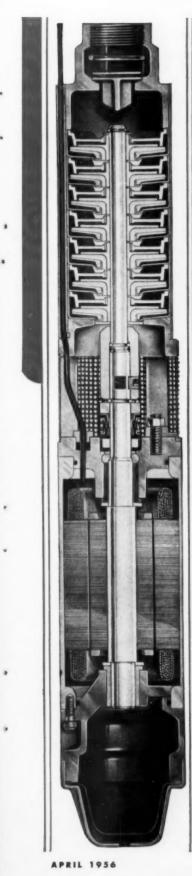
The new Rapidayton Dolphin (see opposite page) is believed to be the greatest submersible pump ever built for depths to 500 feet. The exclusive design of its stages and the use of new and better high-quality materials insure maximum efficiency and highest abrasion resistance. The impeller is made of tough nylon and the stage case is microsmooth corrosion-proof stainless steel. The impeller is hydraulically balanced and its design completely eliminates thrust on the motor. The heavy-duty dielectric fluid-filled motor has that 'power in reserve" so necessary for long motor life and peak efficiency.

The Dolphin is easy to install. It goes down into the 4" well casing, where it cannot be seen or heard. There is no need for a frost-free pump house or pit.

Get complete details on the Twin, the Dolphin submersible, and other fine, dependable Rapidayton water appliances. Mail coupon on opposite page to The Tait Manufacturing Co., Dayton 1, Ohio.

\* Trademarks

(Advertisement)





Advanced design, superior engineering, exceptionally fine craftsmanship-plus the ingenious use of new and better high-quality materials -combine to make this new Rapidayton Dolphin the standout among all submersibles.



The Dolphin's entirely different design and construction provide a new high standard of performance and wear resistance. The Dolphin has more exclusive and "worth more" features than any other pump, regardless of type. For 4" wells to depths of 500 feet. Capacities to 1000 g.p.h. Pressures up to 80 lbs. Stages vary from 7 to 21. Motor sizes  $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $\frac{1}{2}$ , and 2 h.p. models. Get complete catalog showing Dolphin and other Rapidayton products today.



#### STAGE DESIGN

Tough nylon no-thrust impeller, "Double-Quad" diffuser, and stainless steel case.

GET COMPLETE CATALOG

Zone

The Tait Manufacturing Co. Established 1908 as Dayton Pump & Mfg. Co. Dept. 161, Dayton 1, Ohio Please rush details on Dolphin and complete Rapidayton catalog.

Name

Address

City

\_\_\_\_\_

State

D73



When a prospective buyer goes through your house, first impressions count. Built-in wall ovens and ranges ... lighting fixtures ... modern ROTO-GLO Quiet Switches – all create the feeling you've taken extra pride in the house bearing your name, that you've insisted on the *finest* electrical equipment available. That's why you're many steps ahead when you specify ROTO-GLO Quiet Switches to your electrical contractors.

Consumers are being told and sold on ROTO-GLO by the biggest national advertising and merchandising promotion in the wiring device industry. Millions of pre-sold consumers are reading about ROTO-GLO Quiet Switches in leading

shelter magazines. The response for Pass & Seymour's booklet, "Modern Electrical Living," has been overwhelming. Certainly this proves they're interested in the whisper-quiet rototype switch that glows in the dark... that costs only a few pennies more.





Send today for complete information on the ROTO-GLO Quiet Switch and for a folder on modern Despard wiring devices, to Dept. AB-2.

Strop Type 15 Amp 120 Volts AC



BUILDER Reference

#### PLUMBING FIXTURES

32-page catalog describes complete line of vitreous china and enameled cast iron plumbing fixtures. Space requirements and rough-in dimensions are given for entire line.—Richmond Radiator Co.

Circle No. 197 on reply card Section 6

#### PLUMBING FIXTURES

This 24 page Condensed Trade Catalog is a representative showing of baths, lavatories, fountains, sinks, brass fittings, and other plumbing accessories. Complete with color harmony chart for colored bathroom fixtures.—Eljer Div. of Murray Corp.

Circle No. 198 on reply card Section 6

#### STAINLESS STEEL SINKS

Literature illustrates and gives dimensions and specifications on complete line of stainless steel sinks.—Carrollton Mfg. Co.

Circle No. 199 on reply card Section 6

#### TUB ENCLOSURES

Literature available on firm's line of glass tub enclosures. Also included is new "ShowerGlass" a moderate priced unit.—Shower Door Co.

Circle No. 200 on reply card Section 6

#### SHOWER RECEPTORS

Literature describes complete line of packaged showers, precast shower floors and bath enclosures for all shower requirements.—Fiat Metal Mfg. Co.

Circle No. 201 on reply card Section 6

#### BATHTUB PROTECTIVE COATING

Literature describing three protective bathtub coatings—a pre-cut corrugated box-board, a vinyl plastic flexible film, and a gummed back Kraft paper. Also protective coating for aluminum and a porcelain repair ki. —Protectub, Inc.

Circle No. 202 on reply card Section 6

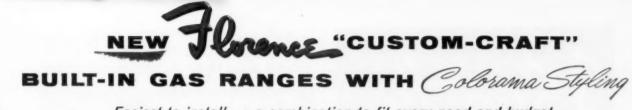
#### COPPER DRAINAGE TUBE

Use of copper for soil, waste and vent lines is outlined in this 22-page booklet. Illustrations, dimension charts cover selection of tube and fittings.— Chase Brass & Copper Co.

Circle No. 203 on reply card Section 6

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D74



Easiest to install ... a combination to fit every need and budget

Maximum flexibility of oven, broiler and counter arrangements plus wide choice of color and feature options permit tailoring FLORENCE BUILT-INS to any preference . . . any budget. Over 800 combinations are available.

COLOR and FINISH available in all bright chrome, all satin chrome, and/or in combination with any of the seven attractive Florence "Colorama" porcelain colors: black, pink, yellow, white, suntan, coppertone and green.

### THE FAMOUS JUVENCE "THREESOME"

Includes two Custom Deluxe 2 burner drop-in units, plus 1 Custom Deluxe 3-way unit with "Governess" burner (A fifth burner, a griddle, plus a cover). Counter top opening required for 2 burner unit only 141/4" wide, 205/16" deep.



FLORENCE Custom Deluxe, Four Burner Drop-In Unit

Easiest to install. Requires only one counter top opening 243/16" wide, 205/16" deep. Available in the full range of Florence Colorama Styling and wide choice of optional features, including famous Florence "Govern-ess." (Illustrated at right).

#### FLORENCE Deluxe. Four Burner Drop-In Unit

For the economy minded. Wide selection of features and color options. Counter top opening 191/2" wide, 201/4" deep.





	FLORENCE STOVE COMPANY 1154 Merchandise Mart • Dept. AB-4-56 Chicago 54, Illinois
	Send details and specifications on the new Florence "Custom-Craft" Built-in Gas Ranges.
	NAME
dan's Undercooki	ADDRESS
ann'i foil aver	CITYSTATE

ADVANCED FLORENCE AUTOMATIC "GOVERNESS"

THERMOSTATICALLY CONTROLLED TOP BURNER OR GRIDDLE



AS A COVER

AS A GRIDDLE





AS A FIFTH BURNER



Smartly styled touches of beauty-bright turquoise .... with rich copper trim . . . win women's hearts at a glance! Plus White-Glass lining that keeps customers in love with their White WATER-HOTTERS because it assures crystal-clear hot water, free from clothesstaining rust . . . always.

These are but two of the 16 reasons why White dealers are winning an ever-increasing share of the huge \$200,000,000 water heater market. Complete . all sizes . . . White-Glass or exclusive Zincline . . in-ized lining.

For Proved Profit Story, which has brought pros-erity to hundreds and hundreds of dealers, write White TODAY!



White Glass or Zinc-in-ized Lining

WHITE PRODUCTS CORPORATION, Middleville, Michigan ater Heating Specialists Since 1930 . Div. of Lamb Industries, I



Hudee, the original clamp-down frame system for built-in sink bowls, now makes Hudee frames for manufacturers of flush-type built-in ranges.

Builders, contractors, architects, craftsmen and homeowners who have made Hudee the leader in millions of sink bowl installations will appreciate the matching quality, beauty and dependability of Hudee frames for built-in ranges.

They know how important it is to get a watertight, sanitary seal between counter tops and built-in units . . . and Hudee is the one sure way to a perfect installation every time. There are no cracking, peeling, rotting counter tops ... no grease-catching, vermin-breeding cracks and crevices with Hudee frames.

They know, too, that Hudee is easy to install—no rabbeting, scribing or special tools. They use Hudee with confidence . . . from years of experience.



## Costs Less in the Long Run



## 3 BIG Reasons!

#### 1. COSTS LESS TO INSTALL

New TRIMLINE features save time, materials, money. Fewer joints necessary, less fittings. All parts mount on one-piece back and top. Front cover snaps on. Great savings with reduced installation time.

#### 2. TRIMLINE HAS EYE-APPEAL

The beauty and design helps sell homes faster. Blends and harmonizes with any interior decor, modern or traditional. Preferred, too, by home owners.

Originators of Fin-Tube and Baseboard Radiation in America

#### The VULCAN Radiator Company 775 CAPITOL AVENUE HARTFORD 6, CONN.

TRIMLINE installed in 200home development at West Brightwaters, Long Island, by FERN HOMES.

Pluming and Heating Contractor — NOR-FELD CO. Elmont, L. I.

Supplier — Hicksville Plumbing & Supply Co. Hicksville, L. I.

Architect — Herman York 90-04 161st St. Jamaica, L. I.

Left, Nat Siegel, Builder and president of FERN HOMES, with Harry Sherman of YOKUM & GOODE, VULCAN Representatives, New York area.

#### 3. I-B-R RATED

Performance is important and TRIMLINE IS rated and listed for efficiency and output by I-B-R. Here is another vital selling feature, an important seal of approval!

#### LEARN HOW YOU CAN CUT YOUR COSTS WITH TRIMLINE

Write today for Vulcan's FREE Catalog 54 that tells you how you can cut your installation costs and increase heating efficiency.

	E VULCAN RADIATOR CO.
	TFORD 6. CONN.
nAI	TITORD O, COMM.
FRE	E DESIGN CATALOG — please send me at no obligation
	TRIMLINE Catalog 54, giving Dimensional Data, I-B-I
	ngs, Heating System Design and Piping Design Chart.
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# BUILDER Reference

#### **COPPER TUBE**

"Streamline" copper tube, solder-type fittings and other water system materials are covered in detail in new 12-page booklet. Contains water requirement tables, dimensions, tolerances, other technical data. Also available: firm's complete 34-page plumbing reference manual.—Mueller Brass Co.

Circle No. 204 on reply card Section 6

#### **COPPER TUBING**

"Building to Endure" is title of attractive 28-page descriptive booklet covering firm's line of copper water tube for drainage, waste and vent lines, plumbing lines, radiant heat panels; and copper waterspouts and gutters.—Revere Copper & Brass Inc. Circle Ne. 205 on realy cord Section 6

#### WATER SYSTEMS

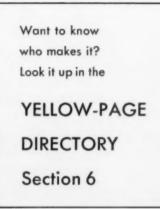
New 36-page catalog contains complete data on Rapidayton line of pumps, water systems, cellar drainers, laundry tray pumps and accessories. Full working information.—Tait Mfg. Co.

Circle No. 206 on reply card Section 6

#### WATER SYSTEMS

Bulletin No. 4910 describes the new low cost convertible jet water system. Selp-priming the pump delivers up to 825 gal. per hr. in shallow wells and 900 gal. per hr. in deep ones.—The Deming Co.

Circle No. 207 on reply card Section 6





the fastest growing name in plumbing fixtures

accents quality to keep your sales growing!

Full color, full page advertisements sell color...sell quality...sell *you* to an audience of millions. A complete sales promotion program enables you to tie-in with the Richmond national effort, to add strength to your 1956 drive for sales.



RICHMOND CREATES THE FINEST BATHROOM AND KITCHEN PLUMBING FIXTURES, HEATING COOLING EQUIPMENT

the fastest growing name in plumbing fixtures

RICHMONDX

... THE COLORS- choice of seven sparkling pastels or famous Richmond "Whiter-White."

...THE STYLING- designs to fit every plumbing need-residential, commercial, industrial.

... THE ENGINEERINGquality-controlled manufacturing that gives lasting consumer satisfaction.

... THE BRAND ACCEPTANCE -building steadily through extensive national advertising.

TO BUILD YOUR REPUTATION FOR QUALITY AND BRING SALES YOUR WAY





WRITE FOR NEW ILLUSTRATED CATALOG

### EASY TO INSTALL ... EASY TO SELL!

1



Efficiency packed into a compact design, makes the new Richmond Pilgrim a comer among oil-fired boilers. Really versatile, this unit can be used for steam or hot water systems. The wet base design extracts maximum heat from the combustion chamber, permits installation on combustible floors. It is available with handsome extended or flush jacket "Duradized" to resist rust and corrosion, and with or without tankless heater for domestic hot water.

Ideally suited for small space installations in basements, utility rooms or closets, the Richmond Pilgrim has an important place in your future installations. Write for complete information.

Look to RICHMOND for a complete line – automatic heating –central summer cooling units. Net IBR Ratings For Hot Water: 5 sizes — 445 to 1080 sq. ft. installed radiation 67 to 162 MBH/HR. For Steam: 5 sizes 240

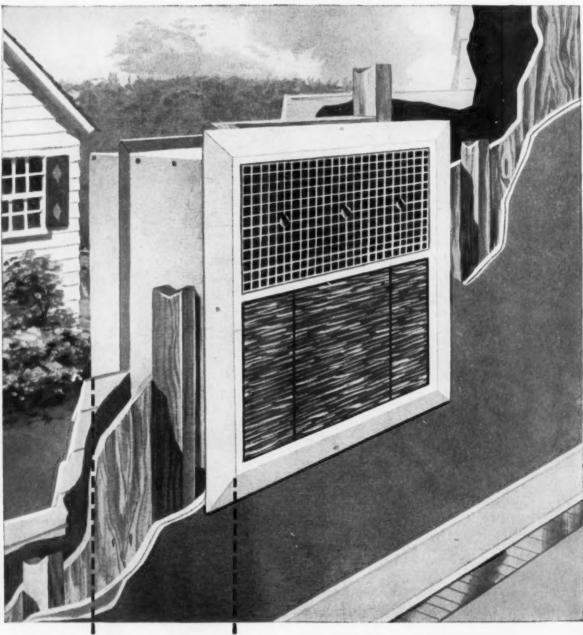
5 sizes - 240 to 600 sq. ft. installed radiation 58 to 144 MBH/HR.

RADIATOR COMPANY 16 Pearl Street, Metuchen, N. J.

at

/e

# New General Electric Thinline gives



## Only | 161/2 inches | thin

The General Electric *Thinline* unquestionably adds tremendous sales appeal to the homes you build. You can air condition as few or as many rooms as your buyer wishes, and assure him that he can add to his air conditioning over the years at little cost. Further, you can give him the most modern and compact of air conditioners, the versatility and economy of operation and the guarantee of the General Electric name. The entire unit is covered by a written one-year guarantee and the sealed-in unit for an additional fouryear period.

## you low-cost, built-in air conditioning

The new General Electric *Thinline* Room Air Conditioner can be built right through the wall during construction to give your homes the sales appeal of permanent, area-by-area air conditioning. There's no ductwork or plumbing needed, and you can air condition just one area or the entire home. *And*...

**It's compact**—the General Electric *Thinline* is only 161/2" from front to back, so there's no unsightly overhang to mar the appearance of the homes you build.

It takes up  $\frac{1}{3}$  less space than previous corresponding models, so you don't have to design rooms around it. And it's available in  $\frac{1}{2}$ ,  $\frac{3}{4}$  and one horsepower models—all in the same size cabinet.

It gives high-capacity cooling at low cost because it has low current input (only 7.5 amperes on the 1/2 hp model) and General Electric's high power factor and efficient design.

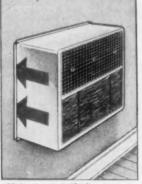
Also, your buyers will be attracted because this is area-by-area air conditioning—units in unoccupied rooms can be turned off so there's no waste. And, of course, this means flexibility of control—allowing different temperatures to be maintained in different parts of the house.

**It's pre-sold to your buyers** through General Electric's national advertising and through General Electric's long-standing reputation for products that are ahead of the field, soundly engineered and backed by expert service.

It meets FHA specifications for room air conditioners. All you have to do is to follow the procedures outlined by the FHA when you apply for FHA financing. General Electric Company, Appliance Park, Louisville 1, Kentucky.



**Build the sleeve** and frame into wall during construction. Opening is about 23" high by 27" wide. This is easy to do in modernizing present homes, too.



Slide the G-E Thinline into the sleeve. Four screws hold the General Electric Thinline in place and provide a quick and weathertight installation.



Simple but decorative wood trim frame adds a final touch. Notice that this 16<sup>1</sup>/<sub>2</sub>" unit does not project into the room—unlike most other units.



Aluminum grille of the new General Electric *Thinline* is designed to hold upkeep costs down and to prevent condensation from staining the outer wall.

## Progress Is Our Most Important Product

Look how easy it is to install the G-E Thinline through the wall:





### high style on a budget

With all the style and up-to-date fashioning of this Virden fixture, it still fits into most budgets. Swivel canopy allows it to be used on a flat or sloped ceiling. Finished in copper and black, or brass and black.

There's a Virden fixture to fit into every decorative scheme and budget. See your Virden distributor or electrical contractor, or write for the new 1956 catalog.

# decorative lighting by virden

Write today for Booklet No.56, showing the full Virden line of popular fixtures, including new pull-down fixtures.

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Address	
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Occupation	



# Built-in Look without the Built-in Cost



With Philco's Elevator Oven, You Just Press a Button to move it up or down.

Philco Dishwasher-Sink, Sectional Refrigerator, Surface Cooking Units, Elevator Oven and Freezer.

### Only PHILCO Offers it to You!

You'll be hearing a lot about the "Built-in LOOK Without The Built-in COST" in the months and years to come. It's a completely new idea in appliance buying and kitchen planning . . . an idea that was pioneered by Philco to meet a real need of home-owners.

You know as well as we do that the vast majority of home-owners shy away from a *permanent* built-in kitchen installation. They do so for many reasons cost of remodeling . . . dislike of "tearing up the kitchen". . . the *fixed* design and lack of flexibility of permanent installations . . . the possibility of change of location or living arrangements. It is exactly for this vast group of home-owners that Philco Custom Sectional Appliances were created. They can be placed in a kitchen *without* remodeling. They can be added to, from time to time . . . switched from one side of the kitchen to another, made to accommodate changing family ideas. They can even be moved out of one house and fitted snugly into the kitchen of another.

Thousands of home-owners who might *never* install built-in equipment of a *permanent* type will be prospects for Philco *Custom Sectional* Appliances... particularly because of Philco's heavy advertising and promotion.

INW/



## PHILCO means Business in the Kitchen Business!

#### How Philco helps its Dealers Sell ...

These appliances are built to Philco top standards and they are *properly proportioned* for greatest efficiency and flexibility; not over 34%" high to fit under the counter when desired; not over 33½" wide to prevent the door from becoming unwieldy, and of a depth to allow it to be used with standard cabinets and counter tops.

#### National Magazine Advertising

Starting this month, Philco is launching a national advertising program in leading magazines to bring Philco Custom Sectional Appliances to the attention of millions of homeowners all over the country right at the time when modernization is a subject of high interest.



#### Sales-getting Promotional Help

Along with its national advertising, Philco makes available point-of-sale materials that can be used effectively with both groups and individual home-owners to demonstrate the flexibility and versatility of Philco Custom Sectional Appliances, and the big savings made possible by the use of this equipment.

If you would like more detailed information about Philco Custom Sectional Appliances, write to Builder's Div., Ext. 473, Philco Corporation, Phila. 34, Pa., or get in touch with the Philco Distributor in your locality.

Freezer



Permalumes

Personalized Builder-Merchandising Package

A specially prepared and designed brachure on Yaur own Particular Develoament or Project-photos, floor plans, location maps and features of YOUR houses. Supplied free in large quantity, with complete directions for their most effective use.

A complete free newspaper advertising mat service—and ad layouts—to help you advertise your development.

 Cost-sharing plan on newspaper, radio, TV, direct mail or outdoor advertising, with professional design assistance.

The key rooms in selling today's new house are the bathroom and the kitchen. Builders have discovered that nothing adds bathroom sales-appeal like a beautiful, practical Permalume shower enclosure, unconditionally guaranteed for 17 years.

No other line in America is as complete as Permalume, offers as much to the builder to help him sell his homes and Permalume is better — easier to buy, easier to install, easier to sell.

Shower Door Company of America has developed a complete builder-tested, builder-directed merchandising package to help you sell your own specific houses personalized to your own project or development. *Permalume is the* ONLY line that offers you this personalized merchandising plus...

WRITE FOR FULL DETAILS, LITERATURE, SAMPLE BUILDER BROCHURES

**D**88



WORLD'S LARGEST MANUFACTURER OF SHOWER ENCLOSURES

# BUILDER Reference

#### LIGHTING CONTROLS

Control of lighting intensity is the subject of this 12-page bulletin for builders, architects, electrical specialists. Theme: "At Fingertips' Touch"; there's full technical data.—Superior Electric Co.

Circle No. 208 on reply Card Section 6

#### LIGHTING FIXTURES

This 16-page booklet discusses and illustrates firm's line of modern lighting fixtures.—Globe Lighting Produets

.

Circle No. 209 on rep'y Card Section 6

#### LIGHTING FIXTURES

Illustrating the new adjustable pull down light fixture this 4-page brochure offers a wide assortment of lighting fixtures for the home.—Markel Electric Products. Inc.

Circle No. 210 on reply card Section 6

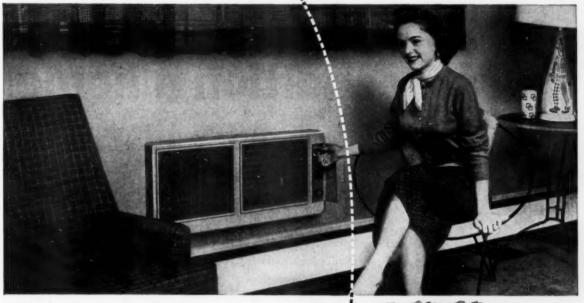
#### LIGHTING FIXTURES

Lighting fixtures for every room in the home is described in this literature. Also includes firm's line of range hoods and door chimes.—The Progress Mfg. Co.

Circle No. 211 on reply card Section 6



## Here it is! LOW COST ANSWER **IR CONDITIONING!** Δ



#### NEW LEWYT BUILT-IN WALL **AIR CONDITIONERS SOLVE COST PROBLEMS FOR ALL BUILDERS!**

Now, for the first time, you can install air conditioning in houses priced as low as \$8,000 without substantially increasing the cost of the house.

Only 15" deep, the compact Lewyt Built-In Wall Air Con-ditioner fits *flush*-inside and out-in any outside wall. And, with Lewyt's new scientific perimeter cooling method you can air condition any part of a house or all of it.

The Lewyt has individual controls and thermostat built right in. There are no ducts to install-no obstructions of any kind in your windows.

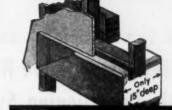
Imagine-all of this, plus, Lewyt quality at a price every builder can afford. Get all the facts-today!



By the maker of the famous Lewyt Vacuum Cleaner



NO DUCTS OR PLUMBING



REALLY FITS FLUSH INSIDE AND OUT!

LEWYT	AIR CONDITIONER CORPORATION, Dept. AB-4 57th St. and 1st Ave., Brooklyn 20, N. Y.
Please a	end me figures and complete details on the new T BUILT-IN WALL AIR CONDITIONER
Name_	
Compa	ny
Addres	8

County\_

Zone\_

\_State.

City\_

APRIL 1956

D89

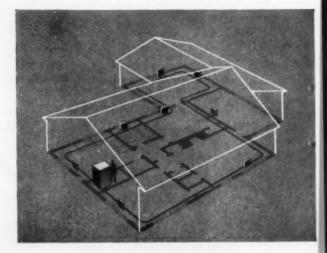
## Here's why the New Heatmaster System is the simplest...most economical way to heat and air condition a home!



- It's pre-engineered! The new C-E Heatmaster is a ready-to-install year 'round comfort system.
- It's packaged! Only standard piping and wiring materials and practices are used for installation. No special equipment is required.
- It's compact! Unit installs in 4-square feet of floor space. It provides economical air conditioning with the luxury of hot water heat; individual room control.
- It's easy to sell! It offers builders and plumbers features that simplify installation, cut costs, save time. Its benefits appeal strongly to home buyers.
- It's priced right for the market you serve.

## Here's the complete, compact C-E Heatmaster Home Heating and Air Conditioning System:

Efficient, gas-fired boiler unit, completely assembled with burners, circulator, controls, relays and all operating parts in place; a matching hermetically sealed water chiller, completely assembled with compressor, evaporator, condenser and refrigeration controls in place (unit factory-charged with refrigerant); spacesaving individual room convectors for heating and air conditioning through one compact convector in each room.



Simple to lay out - easy to install.

AMERICAN BUILDER

D90

## **PERFORMANCE PROOF:** Here's what the owner-builder and plumber say about a typical C-E Heatmaster installation:

#### THE OWNER-BUILDER, ANDREW YEDYNAK, SAYS, "FAR SUPERIOR."

"We investigated about 10 different air-conditioning-heating methods before we built our 'dream home'. We finally decided on the C-E Heatmaster

System. It's far superior to any forced air system we know of, both in cost and in efficiency of operation. I know. We've lived in four different houses since 1945. Our experience with forced air and 'heat circulating' systems convinced us the C-E Heatmaster 'wet' system was the best buy."

Mr. Yedynak's wife, Violet, had this to say: "The C-E system is so simple even our six year old daughter can operate it. And I like the installation ... no contraptions sticking out of windows, no ducts, nothing like that."

#### THE PLUMBER,

#### MARTIN MOLOTSKY, SAYS, "SIMPLE AS COULD BE."

"The C-E Heatmaster was the first 'wet' air conditioning and heating combination I've ever installed. We didn't run into any complications at all. In fact, we

used fewer man-hours (48) to install this system than we would have needed for a comparable hot water radiator installation. It adds up to quite a saving. I'm convinced that this 'wet' system is the future standby for heating and air conditioning homes."

Mr. Molotsky has been a plumber for fifteen years and heads his own business. He later commented, "I only wish I had this C-E Heatmaster combination in my own home." The C-E Heatmaster System, which Mr. Molotsky installed, is the first of its kind in the Kansas City, Missouri area.



Extremes of climate (hundred-plus in summer, ten-minus in winter) helped the owner-builder decide to equip this Hickman Mills, Missouri home with the C-E Heatmaster System.



Mr. Molotsky points out how little equipment is necessary to install a C-E system. The pre-engineered, packaged C-E system required only the simple tools shown in the picture for installation, (This picture was made before piping was insulated.) Mr. Molotsky also installed the 40-gallon Heatmaster glass-lined water heater shown in foreground.

Doi

Take advantage of the many benefits C-E Heatmaster Home Heating and Air Conditioning offers by sending for more information now. Ask about the ABC Plan for builders.



the simplest way to heat and cool a home

COMBUSTION ENGINEERING INC., Home Equipment Division 971 West Main Street, Chattanooga 1, Tennessee





We asked a Music & Sound homemaker to estimate the number of steps she saved in a week by monitoring, from another room in her small home, her nursery, her front door and her living room. She told us she saved over 1700 steps during the week! And she had a wonderful companion all week long - the world's finest music! To sell homemakers like her, put Music & Sound in your next home project.3 basic units.

#### "TWINETTE" MS-300

Sturdy, handsome unit has AM broadcast and two-way intercommunication from master unit to all speaker stations, installation in 6 rooms, front door answering service from master unit, volume control for all speakers, Phono-Jack for record player, new "Keep Clean" speaker grills. \$89.50 complete.

#### "SUPER TWINETTE" MS-300A

Big, new, 5 watt unit is most powerful system in its price class. AM broadcast radio and two-way intercom from master to all room stations, automathe clock control with 110-volt appliance outlet. Phono-Jack for record player, 6 room coverage, volume control on all speakers, push-button selector controls, "Keep Clean" speaker grills. \$104.50 complete.

#### "MUZIKAL" MS-400A

Our largest, finest unit, AM radio with 6 tubes (3 dual purpose) and selenium rectifier exceeds 9 tube performance, 5 watts, automatic clock control, 110 volt appliance outlet, 6 room coverage, baby speaker to monitor nursery from any room, two-way front door answering service, crosscall intercom from any room to all rooms, Phono-Jack for record player, "Keep Clean" speaker grill. Hi-Fi music speakers and Hi-Fi record changer can be installed at slightly higher cost. "Muzikal" gives you 1. Music with intercom; 2. Intercom only; 3. Complete silence. \$139.50 complete.

MUSIC & SOUND, INC.

118 Leslie Street, 
Dallas, Texas

Distributor inquiries invited

D92



This is your Encyclopedia of **Building** 

You will find

the answers

to your

ESTIMATING

PLANNING

BUYING

problems

in this big

DIRECTORY

AMERICAN **BUILDER** 

### BAR-BROOK Package Unit FANS

		cost tion size	fast low installa- a to fit need.
Model No.	Cr.M Free Del.	Ceiling Opening	Height
AVP-30	5000	31"x31"	181/4"
AVP-36	7500	36"x36"	181/4"

AVP-42 10000 42" + 42' 201/ Built-in shutter . . . manually or air operated. Fan, motor, fuse-link switch and shutter completely assembled and wired as single unit. U. L. Approved. Contractors say AVP linits are the easiest



UNIVERSAL fiber glass tray co. CLEVELAND wash tray mfg. co. presents: fibra-tub



Available in green, blue and white. Full 21 gallon copocity, nelished chrome. brass waste plug ond rubber stopper.

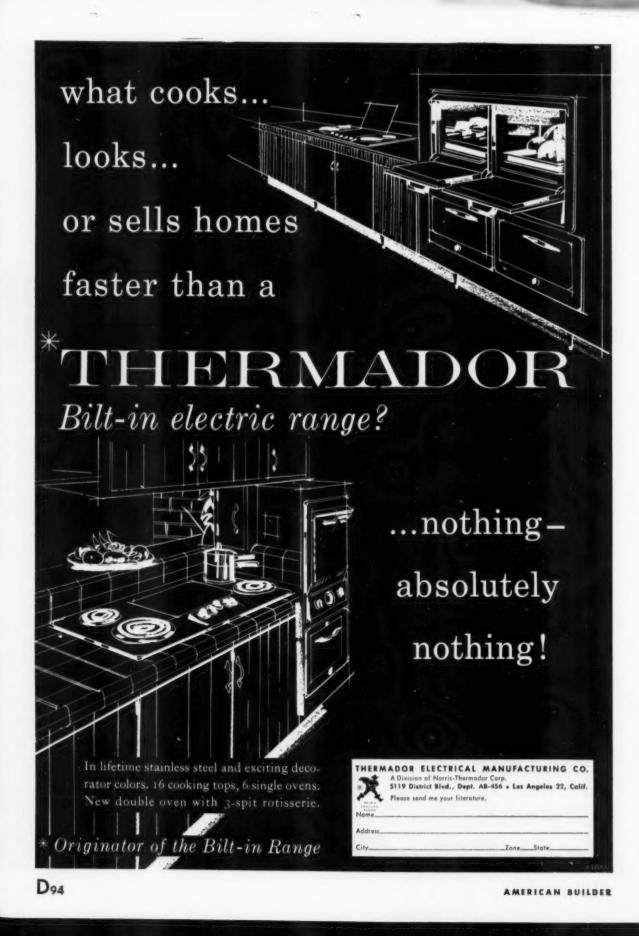
HIGHER QUALITY . LOWER PRICE FIBRA-TUB is easy to ship (weighs only 10 pounds plus 10 pounds for stand) . . . easy to store (they nest and take up less room) . . . easy to install (one man can do the job) . . . easy to maintain (fully guaranteed for one year of normal use).

AVAILABLE IN SINGLE, 2 PART AND CABINET MODEL

**UNIVERSAL** fiber glass tray co. 1366 Antietam St. Detroit 7. Mich.

CLEVELAND wash tray mfg. co. 13402 Glenside Rd., Cleveland 10, Ohio







# **CHASE** copper tube for soil, waste and vent lines at little or no extra cost!

Consider *installation* costs, and you'll see why a Chase quality drainage system will cost little or *no more* than an ordinary system. Actual comparisons *prove* this!

Chase 3" Copper Drainage Tube fits within standard partitions, eliminates costly furringout construction required with ordinary systems.

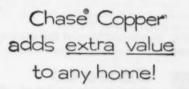
The inside of a Chase Drainage System is also



WATERBURY 20, CONNECTICUT . SUBSIDIARY OF KENNECOTT COPPER CORPORATION

worth talking about – Chase Copper Tube and Solder-Joint Fittings have no internal projections to trap waste – they provide fast, even drainage and make a neater, more compact job all around.

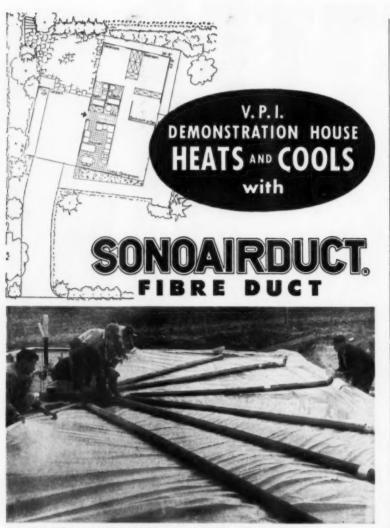
When planning, be sure to specify the best in copper drainage tube and fittings – be sure to specify *Chase!* 



The Nation's Headquarters	for	Brass	&	Copper
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	Cleveland	Grand Rapida	Los Angeles	Nowark Now Orlaams	Pi Pi
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Virginia Polytechnic Institute Demonstration House, Blacksburg, Va. Sponsored by Independent Nail & Packing Co., Bridgewater, Mass. Co-sponsored by Research Institute of NAHB, and LIVING for Young Homemakers.

Another example of the faith builders and contractors place in SONOAIRDUCT Fibre Duct. Note the easy-to-handle, long length radial feeder duct being installed in photo. Same duct heats in winter—cools in summer!

SONOAIRDUCT is made especially for gas and oil fired, slab-

floor perimeter warm air heating systems where the duct is completely encased in dense aggregate concrete. Designed to comply with F.H.A. Minimum Property Requirements. Aluminum foil lined and wrapped with black asphalt duplex kraft. 23 sizes—2'' to 36'' I.D., up to 50' long. Can be sawed to exact lengths on the job. Fits all standard metal elbows, T's, etc.



For NEW Installation Manual and complete details, write-

Sonoco



D96

PRODUCTS COMPANY CONSTRUCTION PRODUCTS DIVISION MARTSVILLE, S. C. — MAIN PLANT LOS ANGELES, CAL. B955 SOUTH WESTERN AVE. IA SOUTH PARK STREET AKRON, IND. + LONGVIEW, TEXAS + BRANTFORD, ONT + MEXICO, D. F.

### AMERICAN BUILDER Reference File

#### DOOR CHIMES

One bulletin and a four page booklet No. 31-i-13 showing all the chimes including the "Door Knocker" and "Built-In" chimes.—NuTone Inc. Circle No. 212 on repty cord Section 6

#### TELEVISION OUTLETS

Firm's specialized line of TV wall sockets, wiring materials, rough-in parts and other accessories is listed in this brochure. Included are prices and catalog references.—Mosley Electronics Inc.

Circle No. 213 on reply card Section 6

#### MUSIC SYSTEMS

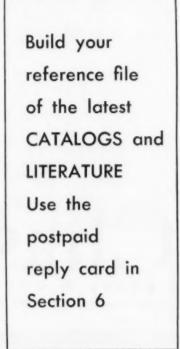
The "Musi-Kom Deluxe" is a built-in music-radio-intercom system as well as a fire alarm device. Literature available.—Home Music Systems, Inc.

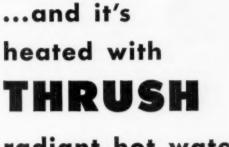
Circle No. 214 on reply card Section 6

#### MUSIC SYSTEMS

Here's information on a complete home musical system, including radio, intercom, phonograph connection, "slumber switch," front door identification outlet.—Melody Master.

Circle No. 215 on reply card Section 6





radiant hot water

The Sales Clinche

HOMESEEKERS know the importance of good heating. When you tell them your homes are heated with Thrush Radiant Hot Water Heat, the sale is easier. New Thrush equipment places radiant hot water heat within the budget of the small home as well as the larger residence. It's quiet, clean, completely automatic. There are no noisy fans or drafts. The home is maintained at an even temperature, never varying more than a fraction of a degree, regardless of outside weather. It's very economical of fuel, too.

If you haven't been specifying hot water, investigate the new, low cost Thrush System now.

> See our catalog in Sweet's or write Department G-4 for more information.

H. A. THRUSH & COMPANY

PERU . INDIANA

COMPLETE THRUSH SYSTEM

THRUSH WATER CIRCULATOR





1. IT ALL STARTED IN CHICAGO at the NAHB show. Thousands of builders heard Perfection's extra profit story for the first time and the verdict was unanimous. "Here's a way to buy heating and cooling equipment that makes real sense!"

2. PERFECTION'S "BIG BOOK" TOLD THE STORY (the lady in white helped, too). The response to this new way to buy heating was so overwhelming that we're repeating it in these pictures.

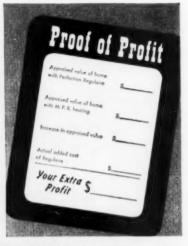
## BUILDERS GUARANTEE THEMSELVES AN EXTRA PROFIT ON EVERY HOUSE!



**3. STOP** trying to save a couple of bucks on buying furnaces. Start making a healthy profit on them instead. That's what Perfection says and here's the sure way to do it...



4. PUT IN THE FURNACE YOU CAN MAKE MONEY ON in more ways than one! That's a Perfection with Regulaire Modulated Heat... the only way to insure full-time comfort clear to the floor.



5. THERE'S NO MYSTERY about how builders can make extra profit with Regulaire. Houses equipped with Perfection furnaces bring a *bigher* loan appraisal. You can figure out the profit for yourself.



6. BUILDERS CAN CASH IN ON THE SUMMER COOLING TREND, TOO. It's a big "plus"... a good tie-in sale. And besides, Perfection gives more cooling per kilowatt. Unique new method drastically cuts installation time and costs.



8. FEATURING A BETTER FURNACE can help you sell the house. It's happening every day with Perfection with Regulaire. And you get an extra selling push when you use the unique "Guaranteed Comfort" home-selling aids offered only through your Perfection dealer-contractor.



10. WELCOME IS A GREAT WORD . . . and every prospective buyer that enters a "Guaranteed Comfort" home gets a warm welcome the minute the front door is opened. Even the red sheathing paper that protects the floors says "welcome". It's all a part of Perfection's home merchandising program for builders.



7. GREAT NEW HOME SELLING IDEA helps sell homes faster. "GUARANTEED COMFORT" assures prospects that *their* welfare is a prime consideration. Builders automatically qualify for this "hot" new promotion by using Perfection Regulaire equipment . . . engineered, figured, installed and serviced by local Perfection guaranteed dealers.



9. FIFTY PERCENT OFF. Perfection Regulaire furnaces and cooling units are furnished for model homes at exactly *half* the regular cost. (How many. model homes will you have?)

Simple story, isn't it? But a sweet one for every builder! What it adds up to is EXTRA PROFIT in your pocket on every Perfection Regulaire furnace you put in...

#### A NEW HOME • A MODERNIZATION JOB

Start making money on the furnaces in your homes. See your Perfection dealer or write to Perfection Industries, Division of Hupp Corporation, 7707 - A Platt Ave., Cleveland 4, Ohio.







That luxury look you see in this beautiful sink is not an actistis. Tream: All Carlton Stainles Steel Sinks have it. Carlton stexclusive sparkle finish, and smooth, seamless

one piece howls add everlasting from ty that can't be found in other makes

Acided to that luxury look is Carlton's internetining which reduces faucet plash smothers sink clatter. Carlton Stanton Steel Sink have resilience which helps keep

ishes from chipping. And the cost now compares with or imary cast iron.

#### Special Note to Master Plumbers, Builders, Architects

The Cariton Stanless Steel Double Sink Bowl shown above (32° x,21°) weighs only 17 pounds; which makes it cases and faster to install. Cariton Sink Bowls come or standard sizes that require no custom fitting. Write for Catalog 95, illustrating our complete line and the name of our nearest distributor. SINK DIVISION. Carrollton Mg. Co. Carrollton. Ohio.



the bright spot in your bilenon

AINLESS STEEL

Now...you can feature high-quality central air conditioning in low-cost homes!

# **NEW LENNOX**

### Whole-house cooling for about the cost of heating

Think of the impact on your sales of low-cost homes when you offer prospects the most wanted feature of modern living — *central* air conditioning. Lennox world leader in home comfort—now makes it possible with the new Stowaway air conditioner.

Ever since the demand for air conditioning, builders have wished for a unit like this. For in its advance design lies the secret of its low cost; in its superb engineering, the secret to its quality performance.

Installation is simplicity itself. There's no cooling tower, no plumbing, no drain pan, no complex wiring; no charging, testing, adjusting. The compact Lennox Stowaway air conditioner is self-contained, 100%hermetically-sealed, ready to install in any home of any size or architectural style.

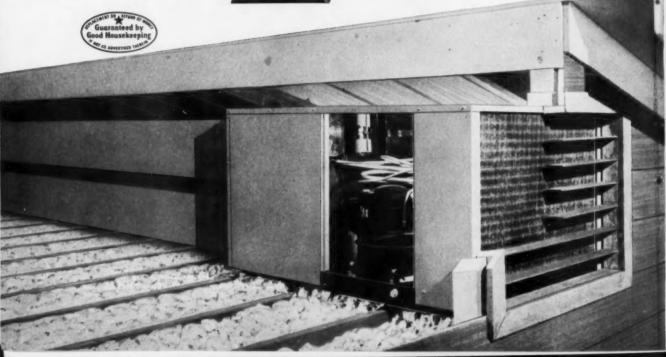
Operation is amazingly efficient. An exclusive, superquiet Power Prop delivers 25% more condenser air at 10% less cost; extra-large condenser provides air-cooling for less than the cost of water-cooling! Ask your Lennox dealer-expert for complete information on the many practical applications of the new Stowaway air conditioner.

#### Look to Lennox for all your heating and air conditioning needs

Lennox manufactures the most complete line of warm air heating and *central* air conditioning equipment in the world. All sizes and types for all fuels, for all locations. More than 5,600 trained dealer-experts are ready to take over your heating and air conditioning problems. And Lennox offers you a complete model home promotion kit, proved in use by top builders from Coast to Coast. It's the most important collection of merchandising aids ever made available to builders. Includes a selection of tailor-made model home brochures, devoted exclusively to the selling features of your homes, your development. Write or call your nearest Lennox factory for complete details.

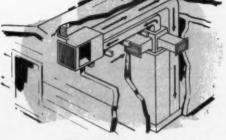
LENNOX INDUSTRIES INC. Heating and Air Conditioning, founded 1895: Marshalltown and Des Moines, Iowa; Syracuse, N.Y.; Columbus, Ohio; Ft. Worth, Tezas; Los Angeles, Calif.; Salt Lake City, Utah; Decalur, Ga. In Canada: Toronto, Montreal, Calgary.

## it's good business to buy **LENNOX** through 5,606 dealer-experts





WITH LOUVERS



FOR CONCRETE SLAB HOME



★ Self-contained unit... no plumbing necessary ★ Compact 100% hermetic design,

- fully air-cooled
- ★ Two-ton, three-ton and six-ton sizes

## FOR COMPETITIVE 1956 SELLING BUILDING AUTHORITIES AGREE







Just Look at These Compelling Sales Features!

- · Intercommunications facilities \* Phono jack for recorded
- in every room • Front Door Answering
- Front Door Answering from any room

NOW!

FOR THE

FIRST TIME

EVER!

**Musi-Kom Hi-Fidelity** 

D104

The world's first built-in Hi-Fi system that fits into 4" walls. Includes intercom, door answering, baby-sitting and Fire Alarm. Write for literature.

- Radio programs or music in every room.
- music in every room • Remote baby-sitting from any to all rooms • DeLuxe System includes Auto-
- DeLuxe System includes Automatic Electronic FIRE ALARM

It's easy to make your home more exciting ... more saleable with wonderful, easy-to-install Musi-Kom systems. Thousands of enthusiastic homeowners acclaim the usefulness of these revolutionary new home-sellers. And, only Musi-Kom can be installed by your handyman. No electrical or radio knowledge needed ... no solder connections to make. Prices include rough-ins, wire, everything necessary for installation. There's a world-famous Musi-Kom system for homes in every price range. Select one now for that home you're just starting.

Featured in Youngstown Kitchens

**10 Point Builder's Home-Selling Plan** 

, door ansng and Fire r literature. 646 Madison • Memphis • Phone JA 6-5365 America's Foremost Mfr. of Built-in Radio-Phono-Intercom Systems

### AMERICAN BUILDER Reference File

#### MUSIC SYSTEMS

Literature on two systems for installation in stud wall space. Each unit includes a master and 5 additional remote speakers. Includes radio, clock controlled appliance outlet and phono input.—Music & Sound, Inc.

Circle No. 216 on reply card Section 6

#### MUSIC SYSTEMS

New leaflet shows two models of twoway radio-intercommunication system: describes features, gives full details of operations.—Talk-A-Radio Mfg. Corp. Circle No. 217 on realy cord Section 6

Circle No. 217 on reply cord Sec

#### WATER HEATERS

In loose-leaf form these specification sheets are available on firm's electric, gas, and oil water heaters. Counter top and under-counter types are shown in addition to conventional types.— Perfection Industries

Circle No. 218 on reply card Section 6

#### PLAN SERVICES & BOOKS

Eighteen booklets pertaining to ranch homes, plans, brick homes, colonial homes and many others are described in pamphlet entitled "1.250 Ways to Sell More New Home Jobs!" Two bulletins "Home Plan Books" and "Planning to Build?" Describe nationwide plan service.—L. F. Garlinghouse Co., Inc.

Circle No. 219 on reply card Section 6

#### SWIMMING POOLS

This 16-page booklet describes the new packaged home swimming pool for permanent in-the-ground installation. Claims are made that pool may be installed complete with filter for less than \$2,000.—International Swimming Pool Corp.

Circle No. 220 on reply card Section 6

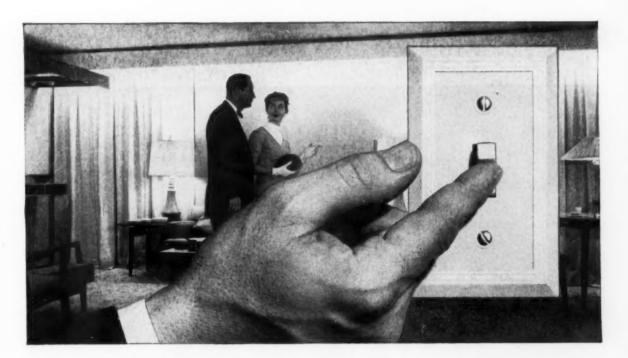
#### SWIMMING POOLS

Complete 52-page catalog and data book contains illustrations, working drawings, descriptions of pools and equipment, including filter systems. plumbing fittings, ladders, floodlights, chlorinators, cleaners, diving boards and other items,—Modern Swimming Pool Co. Inc.

Circle No. 221 on reply card Section 6

#### SWIMMING POOL

Brochure describes complete pool package. Includes all fittings and filtration system. Special design pre-cast concrete wall sections used to build pool.—National Pool Equipment Co. Circle No. 222 on reply cord Section 6



## Flip the switch to more home sales with LIGHT FOR LIVING

LIGHT for Living in your model home is a traffic builder that goes to work with the flip of a switch. It's a "sales clincher" for any home.

Light for Living brings out the beauty of furnishings. It adds color and warmth. It makes the entire home more useful for all the fimily.

Right lighting, so vital to comfortable living, depends on your careful planning of *wall lighting* ... and your selection of the correct *lighting fixtures* for your model home. The technique is "light-conditioning"... and here are two useful books to help light-condition your homes. These are just two of the many ways General Electric is working to



The wall-to-wall lighted valance illuminates draperies and ceiling; and a lighted wall bracket dramatizes the buffet area. The hanging fixture combines pleasant upward light with spotlight sparkle for the table. This flexible lighting plan provides a mellow atmosphere for relaxed dining—and a strong sales plus for the builder's model home.

help the building industry make the most profitable use of Light for Living.

**WALL LIGHTING GUIDE**—a colorful new book, with specific installation instructions, shows how to build more sales appeal into model homes by the effective use of lighted valances, cornices and wall brackets. Here is truly the decorative, the eye-catching phase of Light for Living.

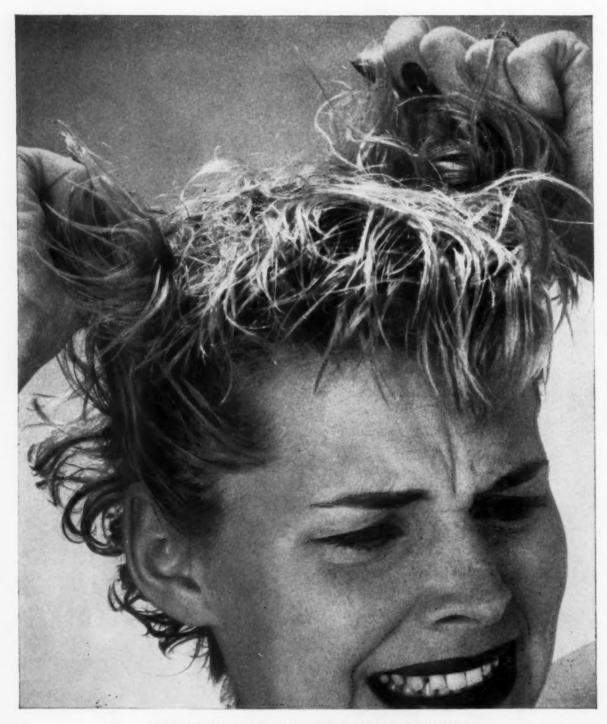
LIGHTING FIXTURE GUIDE -40 easy-reading pages, designed to make the selection of fixtures as easy as possible. Builders who use it can put more sales value into their homes, and provide buyers with a visible guide to light-conditioning the home they select.

Send for your two books today! See how Light for Living can help you sell more homes, quicker, for better profits.

## Progress Is Our Most Important Product GENERAL E ELECTRIC

General Electric Co. arge Lamp Dept. A Nela Park, Cleveland	
	copies of "Wall Lighting Guide" e Guide" at 50¢ per pair.
NAME	
NAME	

## Solve her problem...to your profit...



#### **BLOWING HER TOP OVER OLD-FASHIONED WATER?**

Unsoftened water is a troublemaker. Excess minerals in hard water leave dull film on hair. Rings on bathtubs. Streaks on dishes. Hard water carries trouble to every corner of the houseclogging plumbing with scale. But any water can be made soft as a cloud—with a modern water-softening appliance. Home owners save work, soap, repairs. Their homes have greater value!



# GIVE HER SOFT WATER and clinch the sale!



OPERATION SOFT WATER MONTH—this two-page ad in *The* Saturday Evening Post will help you make sales. Other two-page ads in *Life*, Better Homes and Gardens and Ladies' Home Journal will bring the total to almost 37 million readers. This year-long campaign pinpoints your opportunity.

Your customer wants every labor-saving device possible. A house that's geared for soft water means plenty to her!

With soft water, she won't blow her top over hair that is sticky when shampooed. She won't get the jitters over gray laundry. She won't be slave to unclean dishwashing. And bathtub ring won't drive her to tears.

She knows hard water is the cause of all these troubles. And if she doesn't she soon will. A powerful advertising program will remind her to get rid of old-fashioned, unsoftened water.

#### HERE'S ALL YOU NEED DO-

- Allow space for a water softener in every home you build.
- Arrange your plumbing so a water softener can be easily installed.
- Check the Yellow Pages of your phone book for complete details on water softeners. Look under "Soft Water" or "Water Softeners" or call your plumber.



**DOWEX**<sup>®</sup>, high-capacity watersoftening resin, is used by many leading manufacturers of watersoftening equipment. This DOWEX label identifies water-

D107

softening appliances of the finest quality—worthy of the homes you build. DOWEX is distributed by National Aluminate Corporation. THE DOW CHEMICAL COMPANY, Midland, Michigan.





St.-Cleveland

Hotstream Heater Co.-Dept. A-2363 E. 69th

Pe

I

catalog ever published

the most complete water heater

D

rite





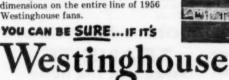


...with the name that means "best" to more home buyers. Like all Westinghouse fans, they're guaranteed for 5 years!



Wall Ventilator WV-410 10" blades . . . 420 C.F.M.





Wall Ventilator WV-311 8" blades . . . 300 C.F.M.



Ceiling Ventilator CV-311 8" blades . . . 300 C.F.M.



Attic Exhaust Fan EF-2510 20" blades . . . 2500 C.F.M.



Attic Exhaust Fan EF-1310 16" blades . . . 1300 C.F.M.

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APRIL 1956

D109



## Install THERMADOR Bilt-in Electric Wall Heaters



"Master Duty" Wall Heat-Fan

...

Thermador Electric Wall Heaters satisfy all the heating demands of your buyers. A flick of a switch instantly delivers a surge of clean, healthful warmth. Scientifically designed heating element, fan and louvers direct the heat toward the cold floor. From there the heat rises, warming the "Living Zone"... quickly, safely, economically. Room-by-room heat control allows heating of just those areas where heat is desired. Heat your homes with Thermador ... so efficient ... so clean ... so easy to install ... and the fastest heaters made! There's a type and size for every room.



D110

Fan or Radiant Models • Convenient Top Switches • Optional Thermostat Control - Sun Bronze, White or Stainless Steel Finishes On-Off Indicator Lights - Approved by Underwriters' Labs., Inc.



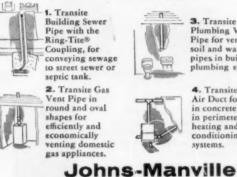


### **Transite Pipe gives you** greater freedom of design

also provides economy, long troublefree service and installation ease!

You'll like working with Transite® Pipe ... because it offers you the wide variety of shapes, sizes and fittings needed for almost limitless freedom of design. Contractors like it ... because it is easy to assemble and install. Homeowners like it ... because of its reputation for long, trouble-free performance!

For further information on Transite Pipe for the home. write to Johns-Manville, Box 60, New York 16, N. Y. In Canada, Port Credit, Ontario. Why not write, today?



#### DOING ALL 4 JOBS WELL!



4. Transite Warm Air Duct for use in concrete slabs in perimeter-type heating and airconditioning systems.

PIPES FOR THE HOME Made of Asbestos-Cement

TRANSITE

AMERICAN BUILDER

# SO HALSTEAD & MITCHELL ENGINEERS SAID... 'WE CAN CUT 95% OFF THE COST OF AIR CONDITIONING COOLING WATER'

Halstead & Mitchell Residential Cooling Towers are engineered to cut 95% from the cost of air conditioning cooling water. This they do by re-using the precious—and expensive—water which without cooling towers would be wasted to the sewer.

So efficient are they that in a recent research project *in Texas* water costs with cooling towers for the five-month summer season were as low as \$2.00 *for the entire summer*. That low cost opens the doors wide to water-cooled air conditioning, still the lowest cost system devised. It also means compliance with municipal ordinances aimed at avoiding waste of water.

There's nothing experimental about these units. You are protected by Halstead & Mitchell's exclusive 20-Year Guarantee on the wetted deck surface against rotting or fungus attack . . . and you gain by the many other features which have made Halstead & Mitchell industrial and commercial cooling towers nationally known and respected.

Small in size, and thus easy to hide by proper landscaping, H & M Residential Cooling Towers are built in a complete size range from 2 through 7½ tons. Extra-quiet centrifugal fan units are available for inside installation. You will find them at your nearest leading refrigeration or heating wholesaler.

Write for Bulletin RE-1





BESSEMER BUILDING, PITTSBURGH 22. PA.





## Sell'em faster-

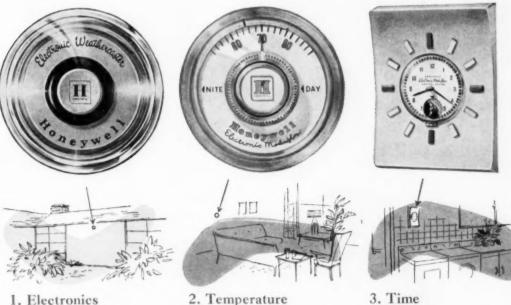
Moduflow, with indoor and outdoor thermostats, glamorizes your heating-cooling systems, gives you a wonderful new selling story.

MODUFLOW brings the selling promise and glamour of electronics to your homes in a way your customers clearly see and understand.

First they notice the Weathercaster outside. Then, inside the house, they see the handsome Honeywell Electronic Golden Circle Thermostat. Both these features plus the unusual clock control, help you dramatically convince your prospects that Moduflow gives the ultimate in advanced home comfort.

You high light your heating - cooling system and give your salesmen new comfort to sell.

Let Moduflow start helping you sell more homes. See your Honeywell salesman or dealer, or write Honeywell, Dept. AB-4-55, Minneapolis 8, Minn. Honeywell Electronic Moduflow varies the temperature inside as the weather changes.



New outdoor Weathercaster is eight times more sensitive than ordinary thermostats; continually adjusts indoor thermostat to compensate for changes in outdoor temperature.

#### 2. Temperature

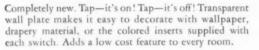
With this beautiful Golden Circle Thermostat, day and night indoor temperatures are set once. Thereafter, the outside thermostat raises or lowers settings automatically.

This handsome electronic wall-clock automatically lowers night temperature for comfortable sleeping, fuel savings. Available in chrome, copper or ebony black.

## with Electronic Moduflow

Add these other Honeywell features to your homes







Electronic Moduflow by





**Fire-Belle Alarm** 

Attractive fire alarm panel is wired to fire-detector elements in attic, basement, closets, etc. Should fire start, bell rings and a light goes on, locating the fire instantly. An impressive home safety feature.



## no other home equipment

be sure your homes use the glass-lined water heater that has 17 years of proof behind it

is used

SO

much!



- The ONLY water heater you don't need to hide in a closet.
- The ONLY stylized water heater—and the ONLY one in agua-and-copper.
- The ONLY water heater with EYE-HI temperature control. No more stooping ! No more squinting !
- The ONLY water heater with patented HEETWALL. More efficient—no bursts of scalding hot water.
- The ONLY glass-lined water heater with 17 years of success behind it. There's only one Permaglas, and it's made by A. O. Smith.

Through research ... a better way



AMERICAN BUILDER



Are you offering your prospects this



### additional inducement to buy?



Get the jump on competition!

Offer homeowners the new concept in light control . . . LUXTROL.

Builders are using LUXTROL to help sell their houses. And, on the profit side, their LUXTROL-equipped homes become a topic of conversation among pleased buyers and prospects.

LUXTROL makes the old-fashioned "on-off" switch a relic of the past.

Turn the dial, and LUXTROL produces any level of light... from dark to full bright. At your command, the **perfect light** for every occasion, activity, mood. The right intensities of light for the living room, dining-room, TV-room, kitchen, bedroom, or bar. LUXTROL is **low cost.** Yet it is a quality product, of fine precision and craftsmanship, through and through . . . built by a leading maker of commercial lighting-control systems.

It is a soundly engineered, autotransformer-type unit. Not a rheostat. Has both fuse and thermal-overload protection. Operates smoothly, silently, safely. Is approved by Underwriters' Laboratories.

LUXTROL controls fluorescent, incandescent and cold-cathode lighting. Which makes it ideal not only for use in homes but for non-residential applications, too.

Don't delay. Send the coupon today for the interesting details.

#### new



12	The Super 3046 Dem	rior Electric Company ers Avenue, Bristol, Conn.
S	Name	Please send me full design data on new LUXTROL Light Control.
0	Street	
	City_	ZoneState



Curtis natural birch cabinets and Curtis Silentite awning windows.

When it comes to kitchens, women know best what women want. So Curtis turned to women designers...stylists...home economists...to create the kind of kitchen cabinets that would make a deep-down appeal to women home-hunters. Combined with Curtis experience—gained from thousands of kitchen installations—these feminine counsels produced the happiest of results: kitchens with the 53 features that women want most!



### Tender trap for a lady's affections...

# CURTIS

### woman-designed kitchens

Every builder has seen it: the possessive sparkle in a prospect's eye that means a sale is made. And Curtis has designed its wood cabinets to produce more sparkle—and more sales—in the kitchen, woman's own domain. Curtis kitchens turn longing into action!

Women want distinctive style—and they see it in the warm glow of natural birch Curtis cabinets ...the smart, simple lines...the unbroken, uncluttered cabinet door surfaces. Here is style that keeps its freshness because these cabinets are made like fine quality furniture.

Women want everything handy—and these Curtis cabinets embody the ultimate in handiness. They're designed with new respect for a woman's anatomy—built for her reach, her ideal working height. And the cabinet doors hide a host of wonders—adjustable shelves, swing shelves, slide-out bins, special cabinets for pots and pans, cutlery and appliances, to name just a few of 53 attractive features. Women want to be house-proud—and when you show a Curtis kitchen, your prospect's pride goeth before a sale. Mrs. Housewife pictures herself displaying her Curtis kitchen to the neighbors...entertaining her guests there... proudly demonstrating the extra convenience and utility which a Curtis kitchen gives her.

A word to you menfolk: Curtis natural birch kitchen cabinets fit any size or shape of kitchen. They are sold by leading lumber and building materials dealers in most parts of the country. If you cannot find a Curtis Woodwork dealer readily, just write us. You'll also want complete literature for Curtis kitchens—mail the coupon!

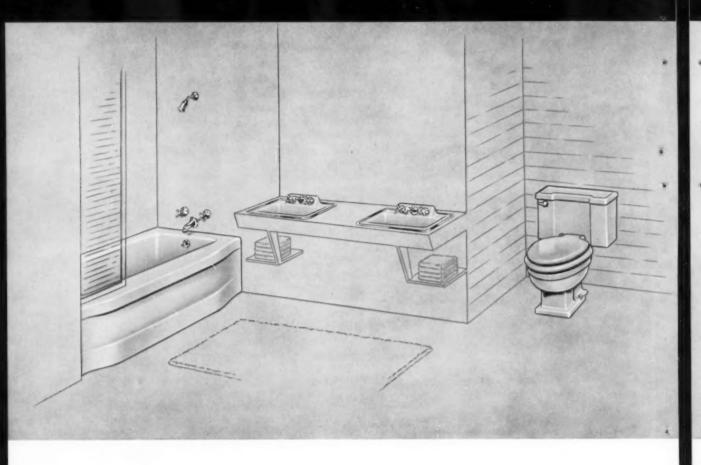
Heart of the Home



Curtis Companies Service Bureau 200 Curtis Building		A	B-4	45	6			
Clinton, Iowa								
Please send your booklet on Curtis	wo	ma	n-	de	<b>s</b> i	g	n	e
kitchens and tell me where I can be						-		
Name								
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Address								

D117

# Bathrooms to Make Your



Here's a combination of fixtures that makes the perfect Master bathroom arrangement for your homes.

The Marquette tub, graceful in contour, offers such important features as safety bottom, wide seat rim and safety hand grip. The Carlton closet provides attractive elongated bowl, syphon-jet design, dependable and quiet operation. Twin Lowell Lavatories, of Hi-Style vitreous china, are the smartest thing in counter-top installation.

All are featured in Beautyware Tropical Coral, one of the most inviting of fixture colors, blending perfectly with a variety of delightful decorating themes.

 B-300
 Marquette right outlet tub

 T-8115
 Bath and shower fitting

 T-8400
 Trip-lever drain

 B-6402
 Carlton elongated syphon-jet closet

 No. 54
 Olsonite seat and cover

 B-3500-HS
 (2) Lowell vitreous china lavatories (with fittings mcunted)

 B-3085
 (2) Mouldings

BRIGGS MANUFACTURING COMPANY 300 Buhl Building, Detroit 26, Michigan





# Homes More Salable

*	~		



Make your homes extra desirable by equipping them with a second bathroom like this—in Beautyware Pearl Gray.

The Marquette tub is full sized, functional in design, and built for luxurious bathing in every respect. The Prince closet, one of the most popular styles, features close-coupled, reverse-trap design and time-saving two-bolt installation. The new Lindsay open front lavatory, has a deep bowl, wide ledge and builds into an economical 16 inch counter top.

This second Beautyware bathroom is carefully laid out for back-to-back installation with the Master bathroom—requiring a minimum of plumbing.

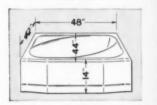


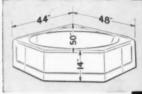
Marquette left outlet tub B-301 T-8115 Bath and shower fitting T-8400 **Trip lever drain** B-6420 Prince reverse trap closet No. 50 **Olsonite seat and cover** B-3570 Lindsay vitreous china lavatory B-3070 Union strips T-8820-5 **Centerset fitting** 



(At the right) COSMOPOLITAN, recess. Sizes 41/2', 5' and 51/2'.

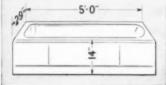
MAYFLOWER, recess. Integral seats. All parts can be reached for cleaning.





MAYFLOWER, corner. Fresh individuality of design; solves space problems.





MINOCQUA. First quality; space-saving width; practical for remodeling.



First Quality Only The enamel of all Kohler baths is inspected under strong light. Searching tests and inspections made throughut every step of manufacture.

D120



### **KOHLER BATHS**

#### **RIGID CAST IRON**

Sparkling, easy-to-clean Kohler enamel is fused to a base of non-flexing iron, cast for rugged strength and rigidity.

#### **TILING-IN RIM**

An integral flange that simplifies leak-proof installation with dry-wall or plaster construction.

#### MACHINE GROUND

Uniform length and width dimensions for fast, accurate tubsetting and wall finishing.

#### QUALITY FITTINGS

Designed expressly for Kohler fixtures; engineered for easy, reliable operation.

#### **COMPLETE LINE**

A range of styles, types and sizes for every space or budget in white and six colors.



AMERICAN BUILDER

.

.

4



Excel Cabinets by Ace Utilities

## Suburban America's Finest Built-In Range

**100 COOK-TOP COMBINATIONS!** Suburban offers you more than 100 different combinations of cooking tops—widest choice in the industry!

**NEW INTERIOR!** Suburban's exclusive new Caribbean Blue oven interior adds even more eye-appeal to stop your style-conscious prospects.

**SAVES ON INSTALLATION!** One-piece slide-in oven. Easy-to-use marking templets furnished with flush mounted cook tops.

**SAVES TIME, LABOR!** Same size cabinet opening fits both Gas and Electric ovens, cook tops.

**COMPLETE COLOR CHOICE!** Stainless Steel plus seven smart decorator colors in lifetime porcelain enamel—including the exclusive Suburban Copper-Tan... with all the luxury of copper and none of the upkeep. Interchangeable color panels.

COMPETITIVELY PRICED! . . . Yet Quality-Built-America's Finest.

**CONSUMER ACCEPTED!** More Wife-Saver Features than any other built-in—and nationally advertised every month of the year!

ost or obligation to me, ple below:	ease rush complete information
Suburban Gas Built-Ins 🗌	Suburban Electric Built-Ins 📋

State.

write for details today!

Address\_\_\_\_\_



new homes sell faster with



... exciting fixture fashions that add bright appeal to homes of any type



Win prospect approval faster, easier by installing GLOBE LIGHTING FIXTURES in every home you build. Made by America's leading craftsmen and designed in keeping with the latest trends in lighting fashion, these striking fixtures are an immediate sign of quality. Over the entrance, in the foyer, hallway, and in every room of your home, GLOBE fixtures are constantly at work for you — reminding prospects of your meticulous choice of accessories, the good value you offer, and the careful attention you've given to functional styling and detail.

Specify GLOBE fixtures — and take advantage of the most fashionable selling aids a builder could have!



GLOBE, the leader in lighting for 34 years, offers you a complete line for every room, every need — indoors or out. Send for our full-color, 44 page 1956 lighting fashion album, "Planned Lighting for Better Living." Containing over 200 illustrations of fixtures, it will give you invaluable help on how to put the "buying urge" into visiting prospects.



Martha Washington Built-In Units are among the finest modern day cooking facilities. They add that distinctive look which has become a characteristic of my finest homes. Hal Anderson, & Associates, Dallas, Texas



### Martha Washington First name in built-in ovens and surface cooking units – gas and electric

It's the nation's great line, planned for tomorrow by the builders of today ... and made by a firm known for excellence of manufacture for nearly a century.

- ★ Approved by Underwriters Laboratory and American Gas Association
- ★ Two sizes in gas models . . . four in electric . . . fourteen models . . . seven finishes
- \* Nationally distributed
- ★ Work-level baking-no bending, no stooping
- ★ Completely automatic oven with thermostatic controls
- Interior lighted oven—a flick of the switch lets you see what's baking
- Extra height inside oven to accommodate largest roast or fowl
- ★ Installation without special insulation in any type of cabinet construction—wood, metal, brick

SURFACE COOKING UNITS—3 new combinations in gas—4 new combinations in electric. Designed to fit your kitchen plan.

Technical library with complete installation data FREE Write:

#### GRAY & DUDLEY COMPANY Nashville, Tennessee • Established 1862

# BUILDER Reference

#### PREFABRICATED HOMES

Several models of firm's homes are illustrated and described in attractive kit, which includes floor plans, dealerbuilder information and feature lists. Models are 3 and 4-bedroom with a number of exterior variations.—Inland Homes Corp.

Circle No. 227 on reply card Section 6

#### PREFABRICATED HOMES

Features Model X-42 Special with 4bedrooms and a variety of elevations. Priced from \$11,500 to \$14,500.—International Homes.

Circle No. 228 on reply card Section 6

#### PREFABRICATED HOMES

Cooper homes offers their latest catalog featuring plans and pictures of new 1956 line.—Cooper Homes. Circle No. 229 on realy cord Section 6

#### PREFABRICATED HOMES

Literature describes packaged homes which are combination of prefabricated, precut and conventional building parts.—Lester Brothers, Inc.

Circle No. 230 on reply card Section 6

#### PREFABRICATED HOMES

Catalog available on 1956 line of prefabricated homes. Features conventional framing with wide choice of siding finishes.—Lumber Fabricators, Inc.

Circle No. 231 on reply card Section 6



# BUILDER Reference

#### PREFABRICATED HOMES

"The Story of Manor Homes" is attractive kit containing features of firm's line; floor plans and descriptions of models; freight rate tables; cost estimate sheets; prices and lists of extra equipment.—Manor Homes of America Inc.

Circle No. 232 on reply cord Section 6

#### PREFABRICATED HOMES

Three and 4-bedroom models, interiors and exteriors, described in a 6-page folder Large glass areas, stone fireplace use of 30 kinds of wall panels in models.—Modular Homes.

Circle No. 233 on reply card Section 6

#### PREFABRICATED HOMES

Full details on builder-dealer franchise and brochure of home designs and floor plans are available.—Precision Homes.

Circle No. 234 on reply card Section 6

#### PREFABRICATED HOMES

Illustrated brochures give design details and features of leading models. Include variety of exterior styles and sizes. Show floor plans, front elevations.—Richmond Homes Inc.

Circle No. 235 on reply card Section 6

#### PREFABRICATED HOMES

Offers information on California contemporary, ranch styles in 8 basic models ranging from \$10,000 to \$50,-000.—Scholz Homes.

Circle No. 236 on reply card Section 6

#### PLAN SERVICES

Better Homes & Gardens' catalog lists 56 varied "Handy Plans" available to builders. Some examples: home bars, sliding door cabinets, garden chairs, Christmas assortment. — Meredith Publishing Co.

Circle No. 237 on reply card Section 6

#### **WOOD WINDOWS**

Well-illustrated 24-page booklet, "Light Up Your Living," contains essential data on "Silentite" window line. Includes sizes, dimensions on double-hung units, bays, panel windows, picture and awning windows, casements.—Curtis Cos. Inc.

Circle No. 238 on reply card Section 6



Never before so much hood quality for so little money! The Model UC-50 is an undercabinet hood with toggle switches, recessed light under frosted glass, and blade-type fan that removes greasy fumes at the rate of approximately 300 CFM. Exhaust unit hinges down for easy cleaning.



Write for Detailed Technical Information:

Sizes, Specifications, Colors and Installation Instructions

Address Dept. AB

**ROBERTS MANUFACTURING CO., Cleburne, Texas** 

D125



ANTO AND Home Buyer's eyes really sparkle. A beautiful range hood with blower, light, and vent pipe ... plus a COMPLETE ROOM-TO-ROOM MUSIC AND INTERCOM SYSTEM. All built into one compact unit. Comes in choice of ONLY **99**50 Builders nd Developers (Installation if desired) B Covers are 3 Ways Better for preventing damage after installations. 1. PROTECTUB Deluxe NEW IMPROVED COVERS ere made of specially tough cor-rugated baxboard with exclu-sively processed top liner that is water capellent and that is water repellent and damage resistant. Comes in a 2 piece unit. Tuilored to fit for overall protection, Installs

NEWEST form of application for low, low cost protection at its best. Applied with ardinary white wesh brush. Dries to strong, flexible film - peels off. Comes in 1 and 5 gal. cons. 55 gal. drums. 1 gal. covers 4 to 5 tubs.

**REPAIR TOUCH-UP KIT.** 

AMERICAN BUILDER







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**Tools & Construction Equipment** 

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	E47
Symons Clamp & Mfg. Co	39
	E44
	E42
White, David, Co	E40
	E49
Yates-American Machine Co. I	E25
7 & K Tool Co	E24

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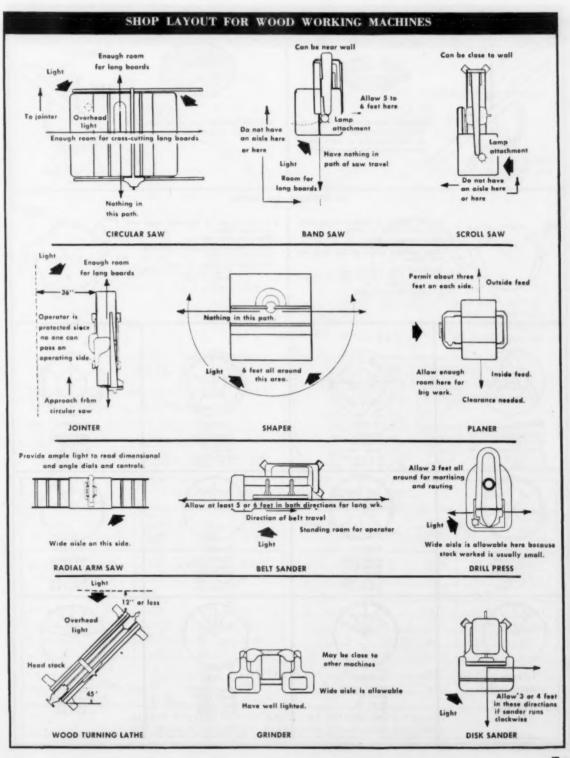
- CONCRETE FORMS
- CONCRETE PLACING & FINISHING EQUIPMENT
- CONVEYORS & HOISTING . EQUIPMENT
- CRANES & EARTH . MOVING EQUIPMENT
- . LEVELS & TRANSITS
- MASONS' & PLASTERERS' TOOLS
- MIXERS
- POWER SUPPLY SYSTEMS
- PORTABLE ELECTRIC . TOOLS
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- TRACTORS & ATTACHMENTS
- **TRUCKS & TRUCK BODIES**
- TARPAULINS & SALAMANDERS
- WOODWORKING MACHINERY

EVERY PAGE PLANNED TO HELP YOU IN ESTIMATING, DESIGNING AND BUYING

#### **DEPRECIATION OF TOOLS & EQUIPMENT**

AUTOMOBILES:		
AUTOMOBILES:	The useful years of builder's tools and equip- ment are given here as taken from data	Medium
Medium	furnished by the United States Government.	Small 8
Heavy	While with proper maintenance the useful	PLANERS:
BACKFILLERS, power:	life of the equipment may be extended	Metalworking
Light	these figures may be valuable for account-	Woodworking
Medium	ing purposes.	PRESSES, drill
Heavy 6		PUMPING UNITS:
BOXES, mortar	Hand, electric	Electric-
BREAKERS, pavement, pneumatic	Jackhammer 3	Centrifugal
BUCKETS:	Well	Diaphragm
Cableway 6	ELEVATORS:	Ges-
Clamshell	Bucket, stationery	Centrifugal
Concrete	Cage (steel tower)	Diaphragm
Elevator	EXCAVATORS:	Highway contractor's pump
Ball, pivot turnover	Trench, Gasoline	Piston
Scroper or drug line	EXTINGUISHERS, fire	RIVETERS, pneumotic
BUGGIES, concrete	FINISHING MACHINES 4	ROLLERS:
BULLDOZERS:	FORMS:	Concrete finishing (steel)
Gradebuilders	Concrete (metal pans)	Road, gas
Tructor	Concrete, supports, adjustable	Road, steam
CABLES, wire 4	Steel for-	SAND-BLAST OUTFITS
CARTS, concrete	Pavements	SAWMILLS, portable10
CEMENT GUN MACHINES 4	Pipes	SAWS:
CHIPPING AND CALKING TOOLS,	Walls	Band
pneumatic 3	GIN POLES (steel)	Hand, electric and pneumatic
CHUTES, concrete, gravity 2	GRADERS:	SCRAPERS: Blade, carryall
CLAMPS, column form	Blade, read-	Fresno or Morman
COMPRESSORS: Electric, portable	7, 8 ft. blade 4	Rotary
Gasoline, portable	9, 10 ft. blade 5	Slip
Meter-truck unit	Over 10 fi. blade 8	Wheel
CONCRETE MIXERS-	GRINDERS:	SHARPENERS, drill
Electric	Metal surface15	SHEARS FOR STEEL, hand
Gaseline, 31/28, 51, 78	Saw filers and setters,	SHORES, adjustable 4
Gasoline, 101, 141	Surface, concrete 4	SHOVEL ATTACHMENTS, for cranes
Truck mounted	HAMMERS:	SHOVELS:
CONVEYORS:	Electric	Electric or gasoline-
Belt, elevating—	Pnoumatic, riveting	1/2, 3/4 cu. yd 5
Portuble	HEATERS, asphalt, and tar kettles 4	1, 11/4, 11/2 cv. yd 6
Stationary 6	HOISTS:	2 cu. yd. and over 8
Bucket	Air, electric, or steam	SPOUTING PLANTS, concrete
CRANES:	Electric menorail or pest	SPRAYING EQUIPMENT, paint
Electric-	Ges	TAMPERS, proumatic
21/2, 5 tens 5	Hand power 8	TANKS:
10, 15 tons	HOSE:	Gasoline, storage
20 tens and ever	Fire, linen or rubber lined cotton	Water or air, storage
21/2, 5 tons	Metal, flexible	TARPAULINS AND TENTS
10, 15 tens	Oil 5	THREADING AND CUTTING MACHINES, pipe. 10
20 tons and over	Reel or curt	TRACTORS:
CUTTING AND WELDING OUTFITS, portable 4	Rubber, air, steam, or water10	Electric-
DERRICKS:	JACKS:	3-ten
Circle swing, hand	Hydraulie	5-ten
Crab-	Rail	Ges er steam-
Hand	Rachet	3-ten 4
Power	JOINTERS, BENCH	5-ton
Guy-	LADDERS:	TRAILERS:
Steel	Weed	Dump, steel or wood10
Wood	Steel	Platform, wood
Stiffleg-	LATHES:	Drop platform, heavy duty
Steel	Metalworking	TRENCHING MACHINES (see excevators)
Wood & DRAG LINES.	Woodworking	TRUCKS, auto:
Electric-	LIGHT PLANT	General purpose or dump- 1/3, 2/3 cu. yd
1/2, 3/4 cu. yd 6	LEADERS, bucket:	1 194 an and 1
1, 11/4, and 11/4 cu. yd	Crowler 5	9 en ud as auns
2 cu. yd. and over	Portable	WASHERS, gravel
Gasoline-	Stationary	
	MIXERS; pertable morter	
1, 1¼, and 1½ cu. yd 9	Less than 1/2 cu. yd 8	
2 cu. yd. and ever		WINCHES, electric and pneumatic
DRILL POINTS, well	MOTORS:	WIRE AND CABLES:
Electric or pneumatic, hand,	AC and DC-	Electric
for wood or metal		Flexible, steel armored

AMERICAN BUILDER

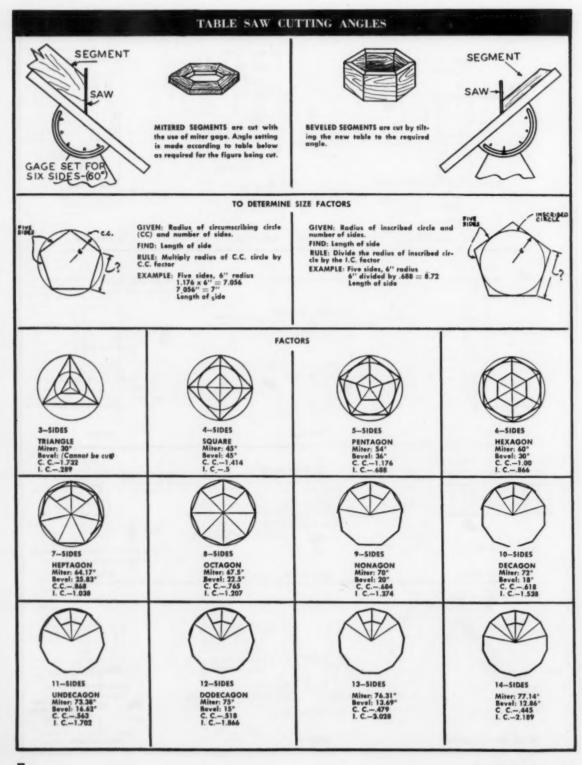


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AMERICAN BUILDER

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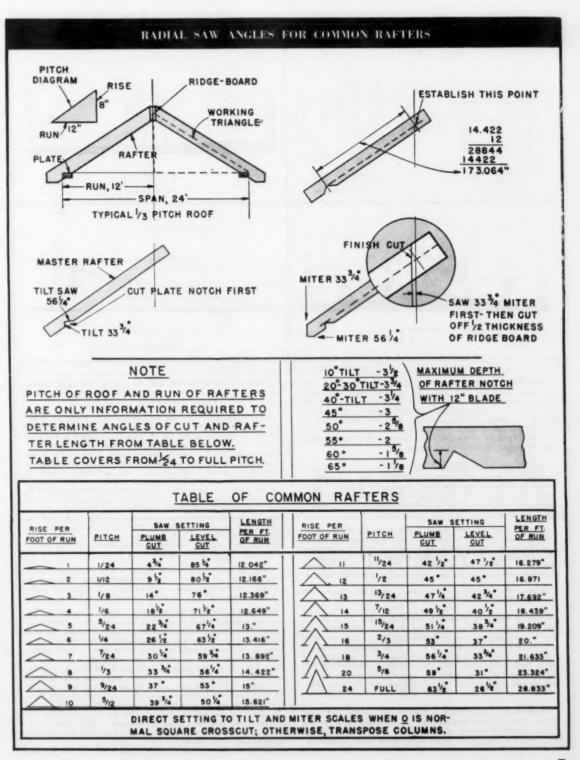
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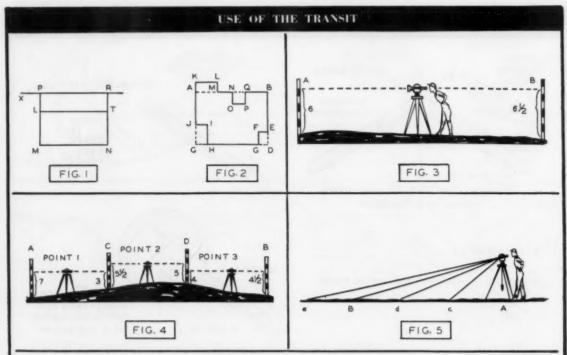
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#### HOW TO USE A TRANSIT

HOW TO LAY OUT A BUILDING (Fig. 1): Using the plumb bob, suspended from the hook under the spindle, locate the station mark or corner of the lat or building to be laid out. Center the instrument directly over this point by shifting the legs of the tripod so that the plumb bob hangs directly over the station point. To bring plumb bob to this position, lossen leveling screws and shift instrument until the plumb bob points to center. Level up the instrument by tightening the leveling screws.

Street line in the illustration is XX. The corner of the proposed building is L, distance from the street line PL. Then a distance RT should be measured from the street, equal to PL, at a point determining the length of the proposed building. Now the line LT is parallel with the street. And LT represents the two front corners of the building.

To get the line at right angles to LT, leave the sights on the stake at T and turn the eyepiece end of the telescope to the left until the vernier has turned a right angle, or  $90^\circ$ . A sight along this new position will give the line LM, on which the necessary distance is measured off to determine the corner M. New move level to T, and go through same operation to determine corner N.

To prove the correctness of the survey, check the distance MN, to see that it is the same as the distance LT.

WHEN A BUILDING IS NOT A RECTANGLE (Fig. 2): In such a case, proceed as previously explained. However, additional points must be arranged for, and in that respect small errors are likely to creep in. In all cases, first lay out a large rectangle, along the outside extremities of the proposed building. This is represented by ABCD. These points established, the remaining portion of the layout will consist of small rectangles. Each of these can be laid out and preved separately. In the illustration (Fig. 2) these other rectangles are represented by EFGD, HIJC, KLMA and NOPQ.

ESTABLISHING LEVELS WITH A TRANSIT: Set up the instrument where points may be seen through the telescope. Level up the transit and take a reading where cross-hair cuts on the measuring rad. The rad is then moved to the second point to be established. Then rod is raised or lowered until the original reading is located. The bottom of the rod is then on the same level with the original point.

When, for any reason such as irregularity of the ground or a large difference in elevation, the two points whose difference in elevation is to be determined cannot be sighted from a single point, "intermediate points" must be used, as shown in Fig. 4.

ESTABLISHING POINTS ON A LINE (Fig. 5): The transit may be used to established points on a line as when a number of stakes in line-but at different heights-are to be located. Swing the two locking levers out of the way and loosen the vertical-motion clamp screw so that the telescope is free to rotate in the vertical plane. Level the instrument and center it accurately by means of the plumb bob and shifting center over the first point. Then release the two locking levers and the vertical circle clamp screw and slight the telescope on the most distant visible known point of the line. Lock the horizontal-motion clamp screw to prevent the telescope from moving out of the vertical plane in which the stakes are to be set, and place the vertical cross-hair exactly on the point with the tangent screw. Then, by rotating the telescope in the vertical plane, the exact location of any sumber of stakes on that line may be instantly determined, Fig. 5.

				A.C Unity F						
	WIRE SIZE	#1	4	#12	#10	#8	#6		#4	#2
Watts	Amperes at 115 V.					- *Distance	s			
100 200 300 400	.87 1.74 2.61 3.48	510 255 170 125	5	810 405 270 200	1280 640 430 320	2040 1020 680 510	3250 1625 1080 810		5300 2650 1770 1325	8200 4100 2730 2050
500 750 1000 1500	4.35 6.52 8.69 13.04	10 6 5 3	5	160 100 80 55	255 170 125 85	410 275 205 140	650 430 325 215		710 530 350	1640 1090 820 550
2000 2500 3000 3500	17.38 21.73 26.07 30.42	222	5	40 35 25 22	65 50 40 35	100 80 65 60	160 130 110 90		265 210 180 150	410 350 275 235
4000 4500 5000 6000	34.76 39.11 43.46 52.14		:	20 15	30 28 25 20	50 45 40 35	80 70 65 55		130 115 105 85	210 170 160 135
7000 8000 9000 10000	60.83 69.52 78.22 86.91		:			28 25	45 40 35 30		75 65 55 50	115 100 90 80
1. 1 2. 1 3.	HASE SYSTEMS Ihree phase 230 Ihree phase 440 Single phase 120 ect Current and S	volt circuit volt circuit FOR ingle Phase CM CM = Circ	-Multiply th -Use the d MULA FOR Systems I = D x I : Ed cular Mills -	e distances in istances in th DETERMININ < 22 - Wire Size (S	the 115 volt t e 115 volt tabl G WIRE SIZE	able No. 6A I le No. 6A. Use UNDER ANY Three P	y 41/2 for the the Amps colu CONDITION hase Three Wir	re Systems CM =	Use the Amp Use the Amp = D x I x Ed	os column.
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### by World's Leading Producer of Concrete Forms

Yes, we mean partners. Under our unique licensing agreement, we work hand in hand with our customers, providing the kind of teamwork which means more profits to you. Our concept of teamwork means that our Training Representatives will instruct your crews thoroughly in the use of ROCFORM SYSTEMS so that you can begin operating efficiently immediately. It means that our representatives will call on you month in and month out, helping you to solve any problems that might arise, and continually improving your operation.

Look around you. In all probability, there is a set of ROCFORMS now operating in your neighborhood. Notice the speed with which ROCFORMS are "stripped" from one job and set up on the next, whether it be on the next lot or 20 miles away. ROCFORM's engineered panels are so easily handled that stripping, moving and setting up can be accomplished in only a few hours, enabling the contractor to pour a job every day with each set of forms.

Inquire. Ask your nearby ROCFORM contractors for their opinion. Our customers are the biggest boosters for the famous ROCFORM SYSTEM. They will confirm the fact that this is the fastest method of concrete forming, and, best of all, will demonstrate to you the unsurpassed quality of work it produces . . . straight . . . smooth . . . . clean walls, job after job after job. With reasonable panel care (no crowbars . . . only a carpenter's hammer to strip the forms) a set of ROCFORMS will still produce top-quality work after as many as 300 jobs.

**Lowest depreciation.** This means an extremely low depreciation per job, only about half as much depreciation as other methods of concrete forming, far overcoming the slightly higher initial cost. And, even after the panels are worn out, you still retain 50% of your original investment. All walers, tie rods, tie rod pins and clamps are guaranteed and will be replaced without charge.

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B-334

# JOHN DEERE ECONOMY

**E**verywhere ... on all types of work ... John Deere "40" Series Crawler and Wheel-Type Tractors have been making good with contractors, municipalities, and industrial users.

Now, the new "420" Series Tractors, with 20 per cent more power, offer you even better performance, even lower costs per job.

Here is the compact, rugged construction, the dependable day-in-and-day-out performance that enables you to get more work done in a given period.

Here is the all-around economy—fuel economy... oil economy... maintenance economy that sets new high standards—economy that means real dollarsand-cents savings, more profit each year of the tractor's long life.

> JOHN DEERE Industrial TRACTORS and Equipment



Top: HANDYMAN "420" CRAWLER....25 drawbar h.p....4- and 5-roller sizes... little giant in work capacity. Shown with backhoe, one of its many matching tools.

Above: HANDYMAN "420" UTILITY ... the lowbuilt, highly maneuverable wheel-type tractor for allaround work. Three-point hitch regular. Shown with front-end dozer.

Here is wide, all-around adaptability to jobs of all kinds, with a great matching line of John Deere and allied working equipment.

There is a John Deere dealer near you. Ask to see the new John Deere "420" Tractors.

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	Please send me latest literature on your "Handyman" Industrial Tractors.
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TRACTORS	Title
	Firm
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## NEW SKIL SUPER. DUTY

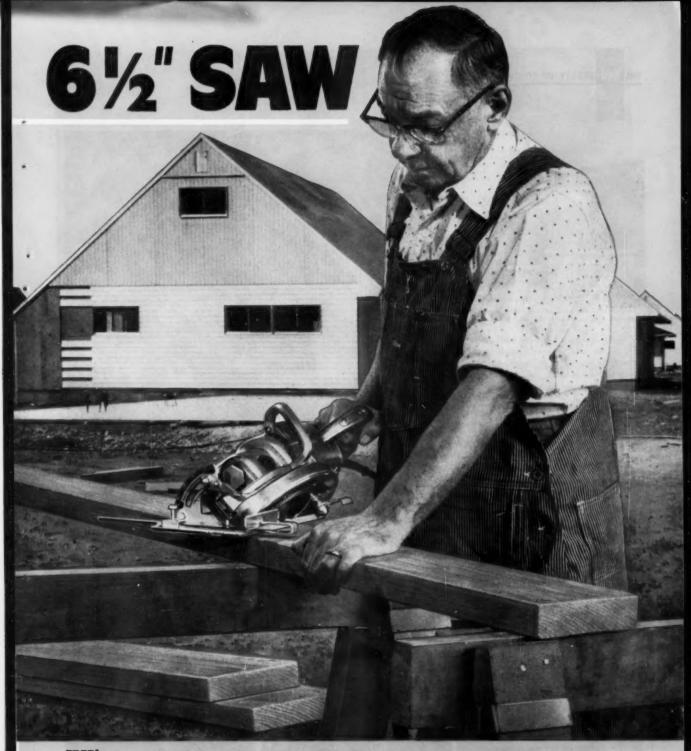
makes every residential rafter cut! New light weight for easy handling... high blade speed and power to spare ...all for only <sup>\$</sup>95<sup>oo</sup>!

With power and speed to spare, new SKIL Model 367 Saw keeps cutting where others slow down or stall out! Here's amazing cutting performance... on extended rip cuts... on bevel miters for rafter cutting... in green or wet lumber... in metal and many other highly resistant materials.

Now there's no need to sacrifice power, speed and long trouble-free service for low price! At only \$95.00, the new SKIL Super Duty 367 compares in price with *ordinary* saws. Yet SKIL offers reserve power and speed for all construction cutting. And brand-new features give easier, safer handling... greater accuracy and control!

SKIL Model 367 is easily the greatest saw value on the market! Let this rugged and ready tool slash important time and costs. Before you buy any saw, be sure to "test cut" the new 367! Contact your SKIL Distributor for free trial today!





FREE! Ask for a free demonstration and free trial. Call your nearest SKIL Distributor—use the coupon to get extra information at once!



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#### THE NEW BEAUTY OF CONCRETE MASONRY

(Right) Exposed masonry wall in living room of palatial residence. B" stacked units alternately protruding to obtain pleasing shadow effects.



Concrete brick with extruded mortar joints and long law split units combined in this ranch type home.

The many new applications of concrete masonry in new construction appear to be one of the more interesting developments of the current building boom. In fact, the upsurging popularity of concrete masonry as evidenced by the tremendous demand for standard and split block, seems to be the consequence of not only construction economy but of constructive thinking as well.

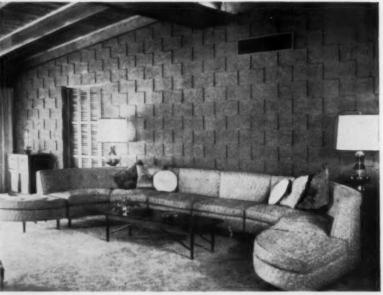
Certainly the many novel and interesting concrete block effects now noticeable in new home designs are far from the ordinary.



Morizontally stacked 8" x 8" x 16" units enhance the natural beauty of this "all block" office building.

These effects range all the way from major structural innovations such as the use of chimney block on edge, to create a 3D effect, to striking entrance designs. Block stacked horizontally or vertically may also be seen in many new applications.

Of course, it is in the wide variety of design that Vibrapac block has long offered outstanding opportunities. And it is in this respect that its use has increased enormously. New patterns, textures, colors and sizes of



### Unusual effects in concrete block construction bring new opportunities to designers and builders . . .

Vibrapac block now available, bring designer and builder virtually an artist's palette for creation of new structural beauty. Endless variations of rooms, corridors, stairways, basements, fireplaces, etc., are possible by simply varying the selection and laying of Vibrapac block.

Similar variety may be achieved outdoors. Patios, terraces, steps, planters, retaining walls, etc., all can receive original treatments. Even inexpensive housing can be given the added artistry . . and sale-ability . . . of unique Vibrapac block effects. Here again, the economy and dependability of Vibrapac block enable the builder to achieve selling appeal of distinctive design without losing the advantage of competitive pricing. Vibrapac block has much to offer as one of the most versatile and useful of modern building materials. Complete literature on request. Write, BESSER COMPANY, Box 183, Alpena, Michigan, USA.



a square pattern, provides semi-privacy.



-

Apartment building entrance employing stacked steel sash block to achieve this interesting effect.



Stacked split units of any height make an eye-appealing fireplace. Shown are 4"x16" split block in stacked bond.









### How Ford Tractor workability speeds construction, cuts costs for residential builders...

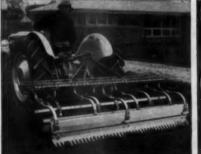
Builders in a hurry use Ford Tractor power because it helps them get more jobs done faster, and at lower costs!

For example, a Ford Tractor equipped with backhoe is a fast, efficient rig for digging service line trenches and foundation footings. And you can use the same tractor with front-mounted hydraulic angle dozer to backfill, doze, rough grade. Or, take a Ford Tractor equipped with new Ford "Step-On" Loader. You can lift and load up to 1000 pounds at the touch of a lever. And you can use the same tractor with quick-attached rear blade for finish grading, road maintenance, oil mixing and ditching ... with a rear rake that scarifies, levels, rakes and leaves new lawns ready for seeding ... with a reversible scoop for hauling fill on small yardage jobs.

This Ford concept of 4-wheel tractor workability means that your equipment dollars work harder on more jobs, more days in the year. So, look around your own current project and consider how many jobs a low-cost Ford Tractor could handle more economically. Then ask your Ford Tractor and Equipment dealer to demonstrate the power size you need – Ford's 600 series with 29 drawbar h.p., or an 800 series Ford Tractor with over 40 horsepower at the drawbar! See your dealer soon, or write direct to:



TRACTOR AND IMPLEMENT DIVISION FORD MOTOR COMPANY Birmingham, Michigan







Upstairs, around corners, through doorways, haul it in your car's luggage compariment. It's portable.

One-minute assembly. No screws, bolts, fasteners of any kind, Slip three parts together, plug in cord.

Mix different coat or color in extra tub, using same motor and base. Mixing keeps up with workmen easily.



Here's a new electric power tool ... for masons, plasterers, terrazo and tile men. It mixes mortar right by your hip pocket-no matter where you work. Man! Does that save time and trouble!

It saves the time, mess and effort of hauling wet mortar or plaster; cuts down waiting time; turns out a smooth, even mix without screening or waiting overnight. One man and the Handy Mixer deliver more mix, faster, than a whole mixing crew with a regular mixer.

It's completely portable . . . no part is heavier than a bag of pre-mixed plaster. It has a capacity of 5 bags of pre-mixed aggregate, but costs no more than an ordinary mixer of half its capacity.

It makes work easier, all the way around.

If you mix mortar, plaster or terrazo, be sure you have all the information, including the low cost "f.o.b. hip pocket" of this speedy new portable multi-bag mixer.

Just mail the coupon below. There's no obligation.



Master Vibrator Co., 532 Stanley Ave., Dayton 1, Ohio Please send me all the information on the Master Handy Mixer.

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E17

Save Time and Trouble with

**Plaster and Mortar Mixing** 

"HIP POCKET"



B "I'm burning these ten-spots," said Hodge, Burning bills in his big truck garage. "To show how we lose. When a new truck we choose. Without first having checked on Dodge!"

QUICK QUIZ FOR TRUCK BUYERS

Try this quick quiz before you buy your next truck-and you'll get a better truck for your money:

What truck line offers you today's lowest prices on such popular models as the 1/2-ton panel, the 1-ton express, and the 11/2- and 2-ton stakes?

- Q. Which truck line has the largest cabs?
- Q. Which has the greatest driver visibility?
- Q. Which has the shortest turning radius?

The answer is "Dodge"-leader for the last 39 years. And this year "Dodge" is the answer to virtually every question you can ask that has to do with lower cost haulage or delivery.

You'll find Dodge trucks are the best answer, too, on price. For Dodge trucks are priced so competitively that no one can beat your Dodge dealer's deal.

When time comes to buy your next truckget the answers that will lead you straight to today's best truck value-Dodge. Get the Dodge Dealer's Deal Before You Decide

DODGE

Job Rated

WITH THE FORWARD LOOK

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MERICA Super 8



the Source for the No. Floor Machine whatever your job!

### AMERICAN SUPER 8

### for high production sanding wood and composition floors ....

Unsurpassed speed and dependability of the American Super 8 will put extra dollars in your pockets on job after job! You can step up your work schedules ... the Super 8 cuts twice as fast as Standard Machines. You can be sure of longest service, no unnecessary downtime . . lowest maintenance costs . . . top-flight performance and top profit on every floor, every time!



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Steel wool removes excess seal, pro duces satin finish





All-new Floor-King rotary-type floor machine is completely portable for job-to-job use . . . does 10 jobs with easy-on, easy-off attachments ... an ideal all-purpose machine for the builder or floorman . . . Anyone can operate, apprentice or boss. Adjustable-detachable handle and 10 other profit features make every job easier.

> FLOOR SURFACING MACHINE CO. ESTABLISHED 511 So. St. Clair St.

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Grinding concrete smooth makes perfect base for composition floors. VACUUMS...

Powerful heavy-duty American wet or dry vacuums make short work of clean-up operations on the job after sanding or grinding. Easily portable. Unusually simple to operate. Job-tested attachments for all types of floor and off-floor cleaning. All sizes. Write for catalog on American Supers, Floor-King, and Vacuums . . . and name and address of your American Distributor.



Performance Proved Professional Machines for Contractor Use + World-Wide Sales and Service

14", 16", 19" and 23" sizes.





E20

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Direct, by Factory-Trained Representatives from Factory Branches in Principal Cities, Coast to Coast. Consult Your Phone Book,

or Mail Coupon for Same-Day Service.

**BREAK-RESISTANT** 

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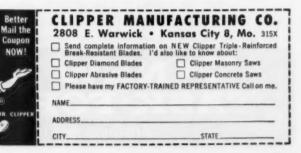
CALL ME!-I'LL HAVE A CLIPPER FACTORY-TRAINED REPRESENTATIVE ON YOUR JOB TO HELP YOU!

# BLADE for BLADE CUT for CUT... Your BEST BUY is CLIPPER!

Clipper offers the only complete range of specifications in ABRASIVE, BREAK-RESISTANT and DIAMOND BLADES for cutting all masonry products... and only from Clipper can you get FACTORY-TRAINED REPRESENTATIVES to help you with your cutting problems. For FIRST QUALITY Products and FIRST QUALITY Service call Clipper ...

You Cannot Buy A Better Blade than Clipper!

Remember... CLIPPER Sells MORE Because... CLIPPER Sells QUALITY!



E21

# Champs with a new power punch!

These new Task-Force light- and medium-duty jobs pack the biggest power punch in Chevrolet truck history with a modern V8 for every model and an automatic drive for every series!

# High-powered V8's and 6's!

E22

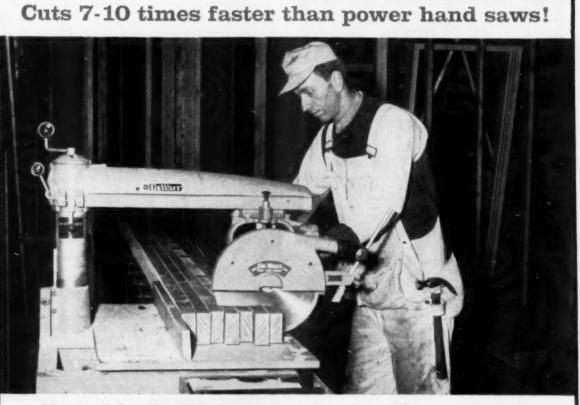
CHEVROLET

V8's are standard in medium-duty L.C.F. models, available at extra cost in any other lightweight or middleweight model you choose. Here's modern short-stroke power for increased engine life and lower operating costs! New Task-Force valvein-head sixes, rated tops for economy, are more powerful than ever!

# Two work-saving automatic drives!

Revolutionary new Powermatic, with 6 fully automatic forward speeds, available for most middleweight truck models! And you can get Hydra-Matic in all truck models rated up through 1½ tons! Both extra-cost options. See your Chevrolet dealer for details. . . Chevrolet Division of General Motors, Detroit 2, Michigan.

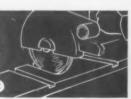




# Portable De Walt<sup>®</sup> pays for itself on one job







A-De Walt's mechanical arm gang-cuts studs, braces, cripples, and headers...quickly, easily, accurately. B-Arm swings to miter position for mass cutting of common rafters from one marking-with straight-line materials handling. C-De Walt carries inside for finishing work, special built-ins-minimizes scrap. D-Converts mill-run lumber to perfect moldings, for added savings.

De Walt saves on practically every cutting job inside or outside. Arm raises, lowers, swings 360°. Powerful De Walt-built direct-drive motor rides on arm, rotates 360°, tilts down past 90°, accommodates any circular tool. Join the hundreds of builders who have learned a De Walt pays for itself on the very first job—in faster, more accurate work, reduced tool maintenance, greater operator efficiency—in dollar savings by the hundreds! Job-size GW-I illus.--1½ hp motor, 10" saw blade cuts 3" deep, rips 26" wide...\$395. Smaller MB-F, with ¾ hp motor, 9" blade, cuts 2½" deep, rips 24" wide... just \$239.

As little as 70c a day in monthly payments after 10% down puts a GW-I on your job. Use De Walt's Easi-Budget Payment Plan.

See your supplier or send for FREE BOOKLET.

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AMERICAN BUILDER

AMERICAN BUILDER Reference File

# EARTH MOVER

What makes an earthmoving unit give consistently high production at low operating cost? This and other questions about a low-cost unit are answered in a new booklet titled "DW21 Low Cost Earthmover." Caterpillar Tractor Co.

Circle No. 239 on reply card Section 6

# EARTH MOVING EOUIPMENT

Complete line of tractor-mounted scrapers, ditchers and loaders are described in this literature .- Shawnee Mfg. Co., Inc.

Circle No. 240 on reply card Section 6

# EARTH MOVING EOUIPMENT

Nine booklets and bulletins are available on "Hopto" hydraulic trenchers, diggers, shovels, cranes, and loaders containing complete specifications and accessories.-Badger Machine Co. Circle No. 241 on reply card Section 6

# TRACTORS-CRAWLER & WHEEL

24 page catalog entitled "Industrial Tractors and Equipment"-includes tractor motors and such attachments as scarifiers, winches, log carts, backhoes, fire plows, cement breakers, trenchers, etc.-John Deere Plow Co. Circle No. 242 on reply card Section 6

# TRACTOR SHOVELS

The all-wheel drive model 175-A, with 21/4 cubic yard capacity and the 15/8 cubic vard model 125-A. their design. construction and operation are completely described and fully illustrated in new 12-page catalog .-- Clark Equipment Co.

Circle No. 243 on reply card Section 6



# **Yates-American 10" Tilting-Arbor Circular Saw**

From base to blade, a much better saw — for less money!

# MORE CAPACITY!

Does the work of a 12" saw! Rips 31/4" stock with blade at 90°. Saws to center of a 501/8" panel. Has as much as 25%" of table in front of blade, with miter gauge extended.

# MORE POWER!

New Saw-Jointer-Sander

Outperforms all others in its class - on the job-site or in the shop!

Uses any standard NEMA frame motor, up to 3 HP, 3 phase without special lugs or castings. You save on cost of motor.

# MORE "BEEF"!

Rugged, heavy, single-trunnion construction. Massive arbor transmits maximum power to the blade - without loss - without vibration!

# MORE FOR YOUR MONEY ALL AROUND!

Miter gauge that can't drop off table . . . exclusive feather-touch rip fence . . . accurately ground

The field of the second second



APRIL 1956

Tops

by

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AMERICAN

DIRECTORY

BUILDER

BUILDERS



so rapidly becoming the favored choice among

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740 Inspector St. MONTREAL

home builders everywhere.

WAUKEE ELECTRIC TOOL

5356 W. STATE ST.

E26

IN CANADA: MATTHEW MOODY & SONS,

- Safer: Telescoping and automatically retractable blade guard.
- Clear-view line sight ... Sawdust blower and convenient quick setting and lockable depth, miter and rip adjustments.
   and Jully Guaranteed . . .

# How <u>Bostitch stapling</u> slashes building costs and does the job better in less time

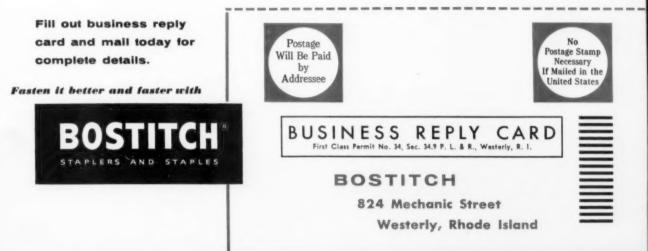


**BOSTITCH T5-8 TACKER** is the handiest fastening tool a builder can own. Gets into tight places. Drives  $\frac{1}{4}$ " staples for screening,  $\frac{3}{8}$ " staples for fastening insulation,  $\frac{1}{2}$ " or 9/16" staples for flanged ceiling tile.

In these days of rising costs and stiff competition, Bostitch stapling cuts building costs in a dozen different ways. STAPLING SAVES PRECIOUS TIME AND ENERGY. No mouthing or fishing for nails. No helper needed to position the work. More area can be covered from one perch or ladder position. *One* squeeze of the tacker or *one* swing of the stapling hammer feeds and drives the staple.



Besides flanged ceiling tile, flashing paper, insulation and metal lath, Bostitch T5-8 fastens screening much faster than other methods. Free hand holds fabric taut for perfect tension control.



# Bostitch stapling helps you meet or beat deadlines



BOSTITCH H2B HAMMER speeds jobs with one-hand, one-blow operation. Scientifically balanced to lessen fatigue. Built for long, rust-free, trouble-free operation. Three rugged models. Three staple lengths. 1/4" and 3/8" for H2B, 1/2" for H2B 1/2. H2BR uses wider, flatter staples for maximum holding on soft materials like paper and underfelt.



As on many jobs, Bostitch H2B fastens batt and reflective insulation two or three times faster than hammer and tacks. Also perfect for cornerite, flashing paper, underfelt, undercourse shingling.



**BOSTITCH H4 HAMMER** drives a rugged  $\frac{3}{4}$ " galvanized staple which spreads inside the wood for an anchor grip. Thus *one* blow with *one* hand drives the equivalent of *two*  $\frac{3}{4}$ " nails of  $\frac{1}{16}$ " wire.

Conditions for local F. H. A. acceptance are outlined in Bostitch Good Practice Roofing Manual No. 100

1



Bostitch H4 saves one-fourth the time in laying asphalt shingles. One hand is free to position the shingle or to maintain balance on steep roofs. Also speeds application of metal lath to studding, plywood underflooring, built-up roofing, etc.

BOSTI	TCH, 824 Mechanic St., Westerly, R. I.
lease sen	d me free bulletins and prices on
	Bostitch T5 Tacker
	Bostitch H2B and H2BR Hammer
	Bostitch Roofing Manual No. 100
	Other Bostitch machines for fastening
	to
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irm	
Address	
ity	Zone State

Fasten it better

and faster with

# Do it faster with a Jaeger



Jaeger's faster cycle boosts your daily yardage: Look how this mixer puts out stiffest concrete as fast as men can take it. You charge in only 5 to 7 seconds with Jaeger's "Skip Shaker" loader. You mix and re-mix more thoroughly with Jaeger's criss-cross mix action. You discharge in another 5 to 7 seconds with Jaeger's extra big bucket and flight blades and "catch-all" spoon. Rugged, too—machined steel drum tracks, Timken bearing rollers, over-size engines, automotive transmission mean long life, low upkeep, no break-downs.



Same wages . . . 12 to 15 yards more concrete: Fastest half-bag mixer built —the  $3\frac{1}{2}$ S Auto-Loader. You load while you mix, then charge in a flash with automatic shaker hopper. Has equally fast discharging action and same rugged construction as Jaeger 6S, 11S and 16S power loaders. Ask for Catalog.



Self-raising "Hoister" tower handles loads up to 2000 lbs: You can have it with either material cage or 14 ft. concrete bucket, and in 10 ft. sections for heights to 67 ft. Selfraising up to 37 ft. Moves around on skid base. Positive automatic safety device prevents falling even if cable breaks.



Small pumps have big capacity: This 50 lb, "Bantam" pumps 5100 gph., yet can be carried in one hand. Jaeger 2-inch Model 2PN delivers 10,000 gph., yet weighs only 160 lbs. on base mounting or 190 lbs. on pneumatic tired truck. Jaeger "Sure Prime" pumps prime automatically. Get Catalog P4.

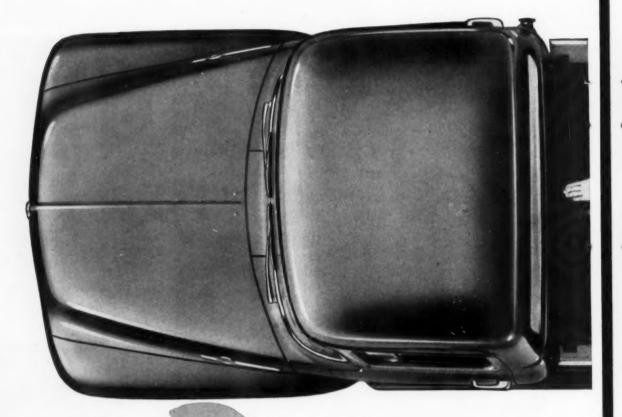


Jaeger compressors do many jobs: A Jaeger rotary "125", or smaller, reciprocating type "75", supplies portable power to run air saws, wrenches and hammers, concrete breakers, backfill tampers, sump pumps and many other builder's tools. Noted for low fuel consumption and full output at slower engine speeds. Catalog JCR5.



# THE JAEGER MACHINE COMPANY

521 Dublin Avenue, Columbus 16, Ohio Sales, Rentals and Service in Over 150 Cities of U.S. and Canada. Send for catalogs.



# NEW FORD PICKUP WITH AN

E30



**CHOOSE YOUR ENGINE.** 133-h.p. Cost Cutter Six or 167-h.p. Power King V-8. Each offers the economy and long life of proven Short Stroke design. Only Ford gives you a choice of Short Stroke power in either a Six or V-8. (Work-saving Fordomatic Drive optional at extra cost.)



MOST SAFETY FEATURES, TOO. Only in a '56 Ford will you find the new Lifeguard steering wheel that helps protect driver from steering post, in case of accident; Lifeguard latches that reduce the possibility of doors jarring open in a collision. Biggest brakes in ½-ton field.

THIS MUCH MORE

LOAD

SPACE

1

1

Bird's-eye view shows special 8-ft. box available on Ford half-tonners. (Up to 19 cu. ft. more space than other pickups.) Compare and see . . . why Ford gives the most Pickup for the money in '56. TEST DRIVE IT TODAY at your Ford Dealer's

Ford now offers **BIGGEST** box in <sup>1</sup>/<sub>2</sub>-ton field

New F-100 Special 8-ft. Pickup (at slightly higher cost than Standard 6½-ft. Pickup) offers up to 19 cu. ft. more body capacity than any other half-ton pickup made today. That means more load on every trup... more money-making capacity *every day*. Other superior cargo features: slanting flareboards for extra loadspace; easy operating toggle-type latches for a tight, quiet tailgate; reinforced cornerposts for a stronger, longer-lasting body. For the most Pickup for the money Test Drive a 1956 Ford!

# FORD TRUCKS LAST LONGER

Certified by Independent insurance actuaries for the ninth consecutive year! Studies of over 10,068,600 current license registrations show that Ford Trucks last up to 9.9% longer than any of the other 4 leading truck makes!



**MAX. GVW: 5000 LBS.** 8-foot (65.4 cu. ft.) body on 118inch wheelbase gives biggest loadspace of any halftonner. Even Standard  $6\frac{1}{2}$ -foot body on a 110-inch wheelbase has more capacity than most other pickups. Tubeless tires on *every* model, at no extra cost.



# Now...for less money Put more cost-cutting, portable electric power on your jobs!

That power-packed Onan Model 205AJ on the construction site above, delivers 2,500 watts of A.C. power, enough to operate several electrical tools or floodlights simultaneously. Powered by an Onan 4-cycle gasoline engine, it has all the 4-cycle advantages of quick starting, long life and easy maintenance, yet it weighs only 139 pounds, and costs less per watt of output than any electric plant in its size range.

This model and others in the new Onan line, ranging from 500 to 10,000 watts, are all lighter in weight, more compact, and lower in cost than previous models. They are completely Onan built . . . powered by new, modern, short-stroke gasoline engines, direct-connected to Onan drip-proof all-climate generators.

Equipped with carrying frame, two-wheel rubber-tired dolly or trailer, these new electric plants can be taken anywhere . . . moved around easily on the job. Get all the facts on these new electric plants from your Onan distributor.





E32

# BUILDER Reference

# **BACKHOES & LOADERS**

Two descriptive folders cover operating features of digging and loading equipment: the Model C-10 Backhoe for ditching, foundations, septic tanks, etc.; the Hydraulic Tractor Shovel to handle loading end of job.—Henry Mfg. Co.

Circle No. 244 on reply card Section 6

# CONCRETE FORMS

Complete system for forming concrete walls is explained in detail, with specifications, in this literature.— Roeform Corp.

Circle No. 245 on reply card Section 6

# **CONCRETE FORMS**

"Good News for Builders" is 8-page picture story of foundation wall construction—from unloading forms to completed job.—Simplex Forms Systems Inc.

Circle No. 246 on reply card Section 6

# **CONCRETE EQUIPMENT**

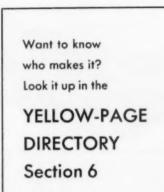
Complete data is given on firm's line of electric and gasoline concrete vibrators, grinders, and vibrating screeds. Also illustrated is gasoline and electric rotary trowels.—Stowe Mfg. Co.

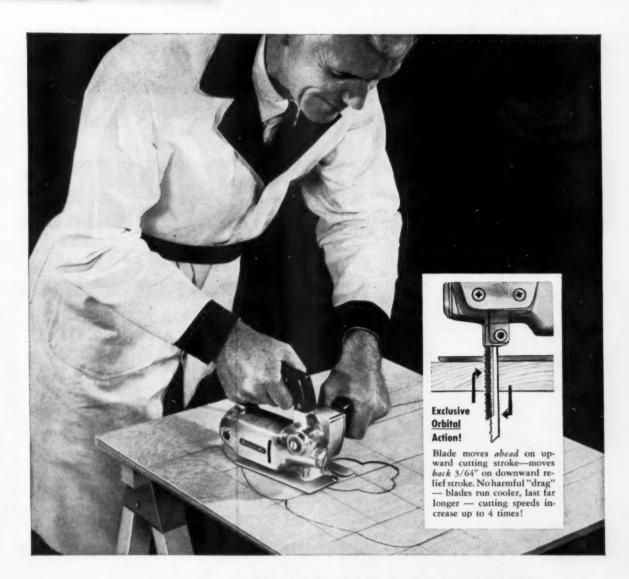
Circle No. 247 on reply card Section 6

#### **CONCRETE FORMS**

New 8-page brochure contains illustrations of firm's forming equipment: steel frame, wood and magnesium forms; form hardware, column clamps and shores.—Symons Clamp & Mfg. Co.

Circle No. 248 on reply card Section 6





New! Just \$9950! World's only orbital-action bayonet saw!



Now—the first real improvement since portable jig saws were invented! It's Porter-Cable's revolutionary new Model 148 designed around a wholly new principle, guaranteed to outperform any other portable jig saw at any price.

Orbital action makes the difference. Blade teeth are in contact only on the cutting stroke—back away on the relief stroke. Harmful "drag" is completely gone—and performance reaches a new high.

By actual test, the Model 148 cuts up to 4 times faster than the best conventional up-and-down saws. It has a full 2" capacity in wood— $\frac{3}{4}$ " in aluminum,  $\frac{1}{4}$ " in steel. Its cool, comfortable grip and perfect balance make easy work of any job. Get the whole amazing story from your Porter-Cable dealer—or write today for full information.

If your dealer can't give you immediate delivery on this sensational new saw, please be patient. We're meeting the tremendous demand as fast as we possibly can!

PORTER-CABLE MACHINE COMPANY 6014 N. Salina Street, Syracuse 8, New York saws • belt sanders • finishing sanders • drills • routers • planes

# NEW Black& **HEAVY-DUTY POWER** Only 50

# MORE SAW FOR YOUR MONEY -AND WE CAN PROVE IT!

Extra capacity! Comes with  $6\frac{1}{2}$ " combina-tion rip-crosscut blade. B&D KRO-BIDE blades available for every possible job requirement!

Extra power! Custombuilt motor for heavyduty sawing - runs cool, without stalling, with no faltering in those "tough" spots!

Extra safety! Telescoping guard; larger lift-lever; instant release trigger switch with guard; open-end handle; grounding wire in cable!

Extra adjustment 4 features! Larger wing nuts are out-of-theway, give fingertip depth and bevel adjustments-safe, easy, positive!

Clear view operation; sawdust blown away from operator and work!

E Extra convenience!

Black & Decke

# Decker 61/2" SAW **PRICED LO** WI

# Races through a 2x4, even at 45° angle, with blade to spare — lots of blade for repeated sharpening!

# B&D power-built motor gives extra "bite"...for toughest jobs!

A rugged, power-balanced addition to the famous B&D saw line! Remember, we don't buy motors, we build them! Each Black & Decker motor is specially built for the job it must do-and the motor in this new 61/2" heavy-duty saw is custom-built to give you more stamina, more sawing "guts" than you'll need! Priced so low that no real pro should ever be without it!

# Performs on the job like famous B&D 7, 8, 9" H. D. models!

Extra capacity—makes all cuts in 2 x 10 and smaller lumber; cuts  $2\frac{1}{8}$  " depth at  $90^{\circ} \dots$  cuts  $1\frac{1}{8}$ " at  $45^{\circ} \dots$ handles practically any building material: hardwoods, Transite, ceramics, tile, etc. Unsurpassed for depth and bevel cutting-quadrant calibrated for precision adjustment; larger wing nuts; larger steel shoe and cutting guide permits safe sawing from either side!

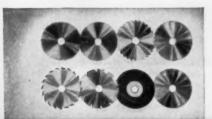
Address: THE BLACK & DECKER MFG. Co., Dept. H-104, Towson 4, Md.



A B&D Heavy-Duty Saw for every job! Black & Decker offers the most comsince a Decker offers the most com-plete builders' saw line in the world— with a power-built tool for every profes-sional need! Ask your dealer about the famous 7", 8" and 9" Heavy - Duty 'models, too!

# A Saw Blade for every job!

Rip. crosscut, combination, planer, flooring blades—you'll find a full selec-tion of B&D KRO-BIDE blades (for every cutting job and longer blade life) at your dealer's!



Power-built to take rough usage. Runs cool, even when cutting intricate patterns in 2x4 stock, practically any building material. Full 1 " stroke. Armature and gear shafts mounted on ball bearings. Minimum vibration, extra smooth performance. Cuts to 45° angle . . . either side. Lowest price in the field.

Only \$120.00





# ... the Direct-Drive CHAIN SAW with ALL of the features YOU want

Only 19 pounds Full 5 Horsepower New Low Cost Faster Cutting Speeds AND WITH THE NEW HOMELITE FLOATING POWER, you'll find handling ease you never knew before. The all-angle, any-position carburetor gives you full power cutting - whether you're felling, bucking, notching, limbing or under-cutting.

Floating Power lets you cut with less effort, less fatigue than any other chain saw. Because the Homelite EZ weighs only 19 pounds you can carry it anywhere. Its full 5 horsepower cuts through 8" Oak in 5 seconds and 18" Pine in 14 seconds. And the three bar sizes - 17". 21" and 25" will handle trees up to 3 feet in diameter.

The EZ brings you Homelite dependability at a new low cost not just a low initial cost, but also lower maintenance and operating costs than any other direct-drive chain saw.

See this new floating power now! Try it and you'll know why the Homelite EZ offers easier cutting, faster cutting, more profitable cutting for your dollar.

Ask your Homelite dealer for a free demonstration. Also ask about the convenient time payment plan.

# FREE!

E36

# and a construction of the second second Win a Homelite

24 Homelite EZ chain saws being given away each month. Nothing to buy. Nothing to write. No obligation. Just ask your dealer how you can win. See him today!

A Complete Line of Chain Saws for every cutting job.

Manufacturers of Carryable Chain Saws • Pumps • Generators • Blowers



504 RIVERDALE AVE., PORT CHESTER, N. Y.

A DIVISION OF TEXTRON AMERICAN, INC.

Canadian Distributors: Terry Machinery Co., Ltd., Toronto, Montreal, Vancouver, Ottawa, Edmonton, Moncton



Complete range of sizes and voltages



Complete line of saws with clearing and brushcutter attachments for every



# **NEW TRESTLES WITH 9 HEIGHT ADJUSTMENTS**



FOR FAST MASONRY CONSTRUCTION, mason contractor L. Hubbard of Euclid, Ohio, uses new "Trouble Saver" Putlog Trestles on a project for Joe Miller Homes Co. The new Putlog Trestles are 5'-long and provide nine height adjustments, ranging from 4' to 6'. Masons set each Putlog on the top course, then brick is laid over them. Putlogs are pulled out of the wall and adjusted to new height as the job progresses. When a pin is removed, the new Putlog Trestle swings down flat for easy storage or shipping.

# THE STEEL SCAFFOLDING COMPANY

Dept. AB

Telephone EV ergreen 3-5510

856 Humboldt Street, Brooklyn 22, New York



# AMERICAN BUILDER Reference File

# CONCRETE FINISHERS

"Midget Power Trowel" is the subject of this 4-page brochure, which outlines features and gives performance data.—Master Vibrator Co. Also available: Literature on firm's "1-Man Vibrator," "Turn-A-Trowel" and Vibratory Finishing Screed.—Master Vibrator Co.

Circlo No. 249 on reply card Section 6

# MIXERS

General Bulletin 4-C gives capacities and other essential data on firm's line of plaster and mortar mixers, tilting models. Also shows power trowels.— Muller Machinery Co. Inc.

Circle No. 250 on reply cord Section 6

# MIXERS

Catalog gives specifications and other data on firm's concrete and mortar mixers. Also information on power hoes.—Jaeger Machine Co.

Circle No. 251 on reply card Section 6

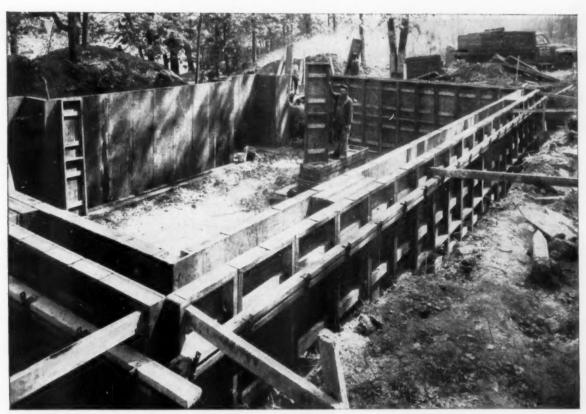
# MIXERS

Loose leaf booklet on firm's line of mortar and plaster mixers. Features and other reference material are given.—Anchor Mfg. Co.

Circle No. 252 on reply card Section 6

You can find who makes it in the YELLOW-PAGES Section 6





"CHAMP" Forms with cross members on 24" centers, being erected for house foundation in Skokie, Illinois, Contractor, Harding Bross, Northbrook, Illinois

# New Design Lowers Form Costs It's SYMONS New "Champ" Form



The new Symons "CHAMP" Form brings to the builder an efficient and accurate form at a cost approximately 20% less than Symons Standard Panel Form. Although designed for light, commercial and residential construction, contractors report the "CHAMP" is equally satisfactory for use on high pours.

JUST 3 PIECES Connecting Bolt Connecting Bolt 2-Way form Tie Tightening Wedge Connecting Wedge Connecting Bolt Connecting Connecting Connecting Bolt Connecting Bolt Connecting Bolt Connecting Connecting Connecting Bolt Connecting Connecting Connecting Connecting Connecting Bolt Connecting Bolt Connecting Conn

# INTERCHANGEABLE FEATURE-

"CHAMP" Forms are made in the same sizes as Symons Standard Panel Forms-2 ft. wide, and 4', 6' or 8' long. Special sizes will be made to order. The hardware and ties used on Symons Standard Panel Form are also used on the "CHAMP" form. This makes it possible to use Symons Standard and "CHAMP" Forms interchangeably.

"CHAMP" Forms may be rented with purchase option—all rentals to apply on purchase price.

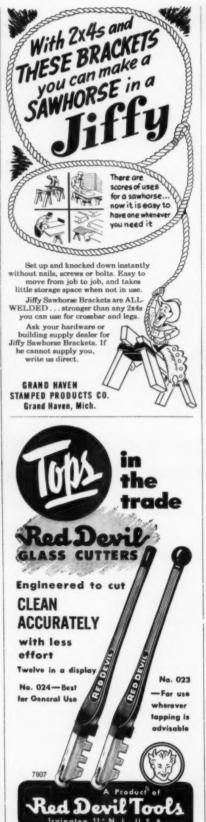
🕸 Symons
SYMONS CLAMP & MFG. CO. Dept. D-6 4261 Diversey Avenue, Chicago 39, Illinois
Please send additional information on the new "CHAMP" Form.
Nome
Firm Nome
Address
CityZoneState



MALL tools are built for those craftsmen who take pride in their work ...and MALL tools are a practical buy for everyone from the home hobbiest to the professional craftsman or assembly line worker. Each rugged, power-

ful, lightweight MALL tool operates easily and smoothly and will give you years of efficient, trouble-free performance with minimum maintenance.

E40



Precision-built for the man behind the aun Light construction levels ... by White REFORE ... such accuracy and dependability at so low a cost DEVELOPED originally for agricultural use, these levels have been recently improved and are now in big demand for a wide variety of light construction operations. Small, compact and sturdy, these White levels are exceptionally simple in design and construction. And it's this rugged simplicity that makes them extra reliable and trouble-free. Model 8017 features 10-power telescope, 21/2'' long graduated spirit lev-el and 41/2'' diameter circle graduated in degrees and numbered in quadrants (0-90-0), with an index pointer. Price: \$46.50\* complete Model 8022 convertible - allows you to level and plumb from same setup. Features 10-power telescope, 21/2 graduated spirit level, 21/4" graduated vertical arc and a 41/2" diameter hori-zontal circle. Price: \$79.50\* complete For complete details, write for DAVID WHITE Bulletin 456 and name of nearest dealer, 301 W. Court St., Milwaukee 12, Wis. We offer expert VID REPAIR SERVICE THIT on all makes, all types of instruments Prices subject to change without notice.

AMERICAN BUILDER

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# AMERICAN Reference BUILDER File

# SCAFFOLDING

Tubular scaffolding for every job reguirement is described in full detail in this 16-page catalog. All accessories as well as winches and masonry equipment are clearly illustrated. Also features list of safety practices which are important on the job .- Bil-Jax, Inc

Circle No. 253 on reply card Section 6

# SCAFFOLDING

Bulletins give information on the "Jiffy" bracket which may be used for demountable sawhorses or scaffold horses. Uses 2 x 4 legs with any 2 in. timber for crossbar.-Grand Haven Stamped Products Co.

Circle No. 254 on reply card Section 6

# SCAFFOLD JACKS

Catalog gives full information on "Trouble Saver" scaffolding acces-sories. Includes ladder hooks and jacks, roofing brackets and shingler hooks.-The Steel Scaffolding Co., Inc.

Circle No. 255 on reply card Section 6

# SAWHORSE & TOOL BRACKETS

Bulletins give information on steel sawhorse brackets and tool brackets. All welded construction. -- Grand Haven Stamped Products Co.

Circle No. 256 on reply card Section 6

I could kiss you, Bill\_

Where did you get

your information?

Bill uses the American Builder DIRECTORY

SEND COUPON TODAY FOR A

DRIVE JT 33

DEMONSTRATION

# IF YOU FASTEN ANYTHING TO CONCRETE OR STEEL ....



# See Your DRIVE-IT® Dealer Who Offers You:

- The fastest method of fastening to concrete or steel with DRIVE-IT powder-actuated fastening tools.
- Expert fastening assistance; on the job service. His help ranges from technical reports to tool service and repair.
- The DRIVE-IT 330, lightweight, easy-operating stud driver --- most advanced powder-actuated tool on the market.
- Over 50 types and sizes of DRIVE-IT drivepins designed for any fastening job.
- DRIVE-IT dealers are fastening specialists—see your dealer to learn how you can make money by using DRIVE-IT powder-actuated fastening tools.

# DRIVE-IT model 330

is used profitably for fastening to concrete and steel by:

- Electrical Contractors
- Heating and Ventilating Contractors
- General Contractors
- Sheet Metal Contractors
- Plant Maintenance Men

POWDER POWER TOO 5001 S. E. Johnson Creek Portland 6, Oregon	
Please have the DRIVE-I DRIVE-IT powder actual	l'É dealer near me give a demonstration e ed tools.
Nome	
Address	

E41

APRIL 1956



# AMERICAN Reference BUILDER File

# SURVEYING INSTRUMENTS

Bulletin 1055 offers a reference file with essential data on firm's complete line of surveying instruments for engineers, surveyors and builders-David White Co.

Circle No. 257 on reply card Section 6

# SURVEYING INSTRUMENTS

Brochure describes new Model 36-bf a transit level for builders. Gives all features and price list with monthly payment plan .- Warren-Knight Co. Circle No. 258 on realy card Section 6

# SURVEYING INSTRUMENTS

Various models of firm's line of moderately priced builders' instruments are illustrated in this 8-page brochure. Line includes hand levels, dumphy levels, transit-level and a convertible transit-level.-C. L. Berger & Sons. Inc.

Circle No. 259 on reply card Section 6

#### PORTABLE POWER EOUIPMENT

Handy file folder contains literature on firm's current line of chain saws. pumps, generators and accessory equipment. Full range of models shown, with performance data, technical details .- Homelite Corp.

Circle No. 260 on reply card Section 6

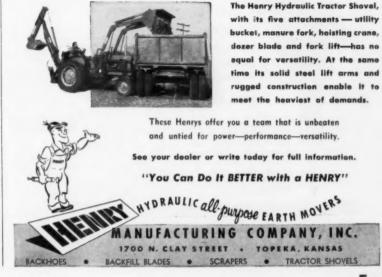




Equipped with the Henry Hydraulic Backhoe and the Henry Industrial Shovel, you have power in reserve for those extra tough digging and shoveling jobs.

The Henry Backhoe, with hydraulically operated outrigger, levels up both backhoe and tractor in seconds, to give straightdown digging on sloping terrain.

This and other exclusive Henry features—the telescopic boom, the self-anchoring main frame, the 160 degree swing arc, the parallel circuit control valve, the down pressure regulator valve-give the Henry far more mobile power than you'll find in any other backhoe.





E44

Reference BUILDER File

# ELECTRIC POWER PLANTS

Four-page color brochure shows representative models of firm's broad line of generators, including portable and mobile units especially adapted for onthe-job builder operations .--- Kohler

Circle No. 261 on realy card Section 6

# ELECTRIC POWER PLANTS

Company's air-cooled, gasoline-driven generators for electric tools are described in 4-page leaflet. Range of equipment shown: up to 10,000 watts AC.-D. W. Onan & Sons.

Circle No. 262 on reply card Section 6

# MASONRY SAW

Book "How to cut blade costs in masonry cutting" is available. Con-tains detailed guide for lower masonry cutting costs .- Eveready Briksaw Co.

Circle No. 263 on reply card Section 6

# MASONRY SAWS

Two folders-one featuring saws, the other blades-give full details on firm's line of masonry and concrete cutting equipment.-Clipper Mfg. Co. Circle No. 264 on reply cord Section 6

### PORTABLE POWER TOOLS

New electric tool literature provides performance data and illustrations on Thor Speed-Saw, Power Trowel and a number of Silver Line Tools .- Thor Power Tool Co.

Circle No. 265 on reply card Section 6

# WOODWORKING TOOLS

Given in this 4-page booklet are performance features, specifications of firm's 12<sup>1</sup>/<sub>4</sub>x6-inch single surface planer, along with full line of accessories for sawing, milling, matching .--Belsaw Machinery Co.

Circle No. 266 on reply card Section 6

### PORTABLE POWER TOOLS

Brochures cover company's complete electric tool line, giving product descriptions and performance data. Included: sanders-grinders, hacksaws, polishers, drills, "hole shooters," and hammers .- Milwaukee Electric Tool Corp.

Circle No. 267 on reply card Section 6

AMERICAN BUILDER

# BUILDER Reference

# PORTABLE POWER TOOLS

Newly-introduced models—No. 148 Bayonet Saw and No. 140 Routo-Jig are described fully in descriptive booklets. Also available: Catalog 103 which includes complete line.—Porter-Cable Machine Co.

Circle No. 268 on reply card Section 6

# **RADIAL ARM TOOLS**

"The New Power Shop" is title of attractive 20-page booklet which illustrates how basic radial arm tool performs variety of jobs through changing of attachments. Many operations shown.--DeWalt Inc.

Circle No. 269 on reply card Section 6

### PORTABLE POWER TOOLS

Firm's complete line is represented in 1956 Standard Catalog—essential data on electric drills, saws, drivers, sanders, polishers and many other tools with accessories.—Black & Decker Mfg. Co.

Circle No. 270 on reply card Section 6

# STAPLE TACKERS

Builder's Brochure FT-26 gives catalog-type description of various "Duo-Fast" automatic tackers. Includes a number of on-the-job illustrations.— Fastener Corp.

Circle No. 271 on reply card Section 6

# TROWEL TOOLS

Brand new 80-page catalog lists, pictures, describes more than 1,100 tools for masons, cement finishers, plasterers, tile setters, tuck pointers and drywall applicators.—Goldblatt Tool Co.

Circle No. 272 on reply card Section 6

#### FLOOR SANDER

New brochure points out performance features of "American Super Eight" high speed machine. Gives dimensions, ranges, specifications.— American Floor Surfacing Machine Co.

Circle No. 273 on reply card Section 6

# **FASTENING DEVICES**

New literature shows performance features of several of firm's major products: stapling hammers, gun tackers, stapling tackers. Action pictures of variety of uses.—Bostitch.

Circle No. 274 on reply card Section 6

APRIL 1956

ONE MAN-ONE TOOL-ONE MINUTE -and 6 fastening studs are securely set in

# concrete or steel!

GIVE A MAN the Remington Stud Driver and that fastening job's practically done! This compact tool sets up to 6 studs per minute . . . anchors fixtures to concrete or steel with a squeeze of the trigger. It sets both <sup>1</sup>/<sub>4</sub>" and <sup>3</sup>/<sub>8</sub>" diameter studs arrow-straight — with no predrilling required.

Change-over from one stud size to the other is quick and easy. Operator can change barrels in 90 seconds, *right on the job*. There's no time lost in going from medium-to heavy-duty work — no need for a second tool.

There are 40 different styles and sizes of Remington Studs to choose from and a variety of 22 and 32 caliber power loads. With studs and cartridges in pocket, Remington Stud Driver in hand — you're ready for

every stud-fastening job. Find out how the tool saves time and money in fastening wood sleepers, furring strips, metal window frames and other fixtures by mailing coupon below.

Industrial Sales Division AB-4 Remington Arms Company, Inc. Bridgeport 2, Conn.

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DRIVER

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Hard-working combination ... Shawnee "Scout" Model D70 and Shawnee "Special" Loader.

Exclusive, patented drag line principle produces digging force of approximately 5,000 lbs. at bucket teeth.

Zerk fittings at all wear points.

# SHAWNEE "SCOUT" MODEL D70HL

Now designed with hydraulic "feet" for quick leveling-up to dig plumb holes, this powerful backhoe is ready for work seconds after the tractor stops rolling. Working on slopes or with one wheel on a curbing makes no difference . . . just level-up and go to work. Recommended for mounting with the Shawnee "Special" front end loader. Fits most tractors.

Bucket widths, 12" to 24" inclusive. Flat bottom buckets, 32" and 36".

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SHAWNEE SCRAPER

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# AMERICAN BUILDER Reference File

# POWER-ACTUATED TOOLS

Manual on firm's line of powderactuated fastening tools and accessories. Illustrations show various uses in the construction industry.—Powder Power Tool Corp.

-

Circle No. 275 on reply card Section 6

# **POWER-ACTUATED TOOLS**

Full information with actual job applications on firm's powder-actuated fastening tool. All accessories are shown with specifications.—Remington Arms Co., Inc.

Circle No. 276 on reply card Section 6

# DRIVE TOOLS

Complete line of Hilti drive tools described and illustrated in 4-page bulletin.—Hilti Rapid Fastening Systems, Inc.

Circle No. 277 on reply card Section 6

# ELECTRIC AND PNEUMATIC POWER TOOLS

More than 150 models of portable electric and pneumatic power tools are shown in this 60-page catalog.—Skil Corp.

Circle No. 278 on reply card Section 6



are advertised in this DIRECTORY

AMERICAN BUILDER Reference File

# LEVELS

Bulletin describes aluminum line and surface levels. Illustrated with photos and gives important features and price data.—The Columbian Vise and Mfg. Co.

Circle No. 279 on reply card Section 6

# **WOODWORKING TOOLS**

Catalog available on firm's complete line of woodworking tools for shop or on the job. Illustrations and specifications.—Yates-American Machine Co.

Circle No. 280 on reply card Section 6

### TOOLS

Catalog available on firm's complete line of glazing, roofing, linoleum and hand woodworking tools.—Red Devil Tools.

Circle No. 281 on reply card Section 6

### **POWER TOOLS**

Catalog is available covering firm's line of electric and pneumatic tools. Includes vibrators, hammers and other portable construction equipment.— Syntron Co.

Circle No. 282 on reply card Section 6

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# Powerful, new **STOW** lightweight rototrowel gives faster, smoother finishes!

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Stow also makes a 29 inch, 34 inch and 46 inch trowel concrete vibrators and screeds. Send in this coupon, if you'd like more information. We'll send you our Catalog 560. Write Today.



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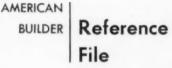


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# PORTABLE ELECTRIC TOOLS

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# TRUCK BODIES

Literature available on "Karyall" compartments which convert any pickup truck into a handy mobile workshop. Prices are given.—Karyall Body, Inc. Circle No. 284 on reply cord Section 6

### STEEL MEASURING TAPES

General catalog gives essential facts about firm's complete line of measuring tapes, plumb line reels, accessories. Also descriptive sheets on individual products.—Evans Rule Co.

Circle No. 285 on reply card Section 6

# MITER CUTTER

Brochure describes in detail the "Lion Trimmer" a shear type cutter for all wood mouldings and trim.—Pootatuck Corp.

Circle No. 286 on reply card Section 6

# PORTABLE ELEVATOR

Brochure describes the "Mulkey" por,able elevator which can be used on the job to hoist all masonry materials.— Sam Mulkey Co.

Circle No. 287 on reply card Section 6

## CONCRETE MIXERS

Literature available on firm's line of "CMC" job mixers from  $3\frac{1}{2}$  to 16 cubic foot models.—Construction Machinery Co.

Circle No. 288 on reply card Section 6

# TRANSIT LEVELS

Prices, literature and the name of the distributor nearest you is available on this line of "Bostrom" levels.—Bostrom-Brady Mfg. Co.

Circle No. 289 on reply card Section 6

#### TACKERS

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E49



# CMC Hoe-Boy Mixers are the Sure Way to Cut Job Costs

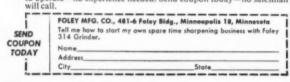
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MECHANICAL HOEMAN





E50

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5 5 5	.078125 .0833 .0885	1 1 1 1 1 1	<del>21</del>	.328125 .3333 .3385	318 4 416	37 63	.578125 .5833 .5885	6년8 7 7년8	<u>53</u> 64	.828125 .8333 .8385	9 <u>15</u> 10 10 <u>1</u> 6
3 12	.09375 .0990 .1042	1% 1 <sup>3</sup> 16 1%	12	.34375 .3490 .3542	4% 4 <sup>3</sup> 4 <sup>3</sup> 16 4%	19 32	.59375 .5990 .6042	7% 7 <sup>3</sup> 7%	2172	.84375 .8490 .8542	10% 1018 1018
4	.109375 .1146 .1198	$1\frac{1}{16}$ $1\frac{1}{16}$ $1\frac{7}{16}$	Ħ	.359375 .3646 .3698	41 <sup>3</sup> 476 476 476	32	.609375 .6146 .6198	7 <u>5</u> 7% 7 <u>1</u> 8	11	.859375 .8646 .8698	1015 10% 10%
1/8	.1250 .1302 .1354	1½ 1 <u>9</u> 16 15	3/8	.3750 .3802 .3854	4½ 4 <sup>9</sup> / <sub>16</sub> 4%	*	.6250 .6302 .6354	7½ 71% 7%	7/8	.8750 .8802 .8854	10½ 10 <sup>9</sup> / <sub>16</sub> 10%
9 6.4	.140625 .1458 .1510	111 14 14 113	2.5 6.4	.390625 .3958 .4010	4 <u>11</u> 434 4 <u>13</u>	$\frac{4}{5}$	.640625 .6458 .6510	718 74 718	24	.890625 .8958 .9010	10 <sup>11</sup> / <sub>16</sub> 10 <sup>3</sup> 4 10 <sup>13</sup> / <sub>16</sub>
512	.15625 .1615 .1667	1% 1 <u>15</u> 2	132	.40625 .4115 .4167	4% 415 5	31	.65625 .6615 .6667	7% 7 <u>15</u> 8	2032	.90625 .9115 .9167	10% 1015 11
#1	.171875 .1771 .1823	2 <sup>1</sup> / <sub>16</sub> 2% 2 <sup>3</sup> / <sub>2</sub>	27	.421875 .4271 .4323	5 1 8 5% 5 3	43	.671875 .6771 .6823	815 8% 83	29 64	.921875 .9271 .9323	$   \begin{array}{c}     11\frac{1}{16} \\     11\% \\     11\frac{3}{16}   \end{array} $
1 <u>3</u> 16	.1875 .1927 .1979	21/4 2.5 23/5	16	.4375 .4427 .4479	51/4 5 1/6 51/6	11	.6875 .6927 .6979	81/4 81 <sup>3</sup> 81/6 81/6	18	.9375 .9427 .9479	111/4 11 5 1138
13	.203125 .2083 .2135	$2\frac{7}{16}$ $2\frac{1}{2}$ $2\frac{9}{16}$	2 <u>9</u> 64	.453125 .4583 .4635	5 <sup>7</sup> 16 5 <sup>1</sup> /2 5 <sup>9</sup> 16	<u>*</u> ?	.703125 .7083 .7135	81/2 81/2 81/5	61.4	.953125 .9583 .9635	$   \begin{array}{r} 11\frac{7}{16} \\    11\frac{9}{16} \\    11\frac{9}{16} \\   \end{array} $
37	.21875 .2240 .2292	2% 211 214 234	1.52	.46875 .4740 .4792	5% 511 5%	232	.71875 .7240 .7292	8% 8†3 8%	3 <u>1</u> 3 2	.96875 .9740 .9792	1158 1111 1114 1134
15	.234375 .2396 .2448	213 270 215	31	.484375 .4896 .4948	513 5% 515	47 64	.734375 .7396 .7448	813 87% 815	63	.984375 .9896 .9948	1122 1176 1176
3/4	.2500	3	1/2	.5000	6	34	.7500	•16 9	1	1.0000	12

F<sub>2</sub>

AMERICAN BUILDER

# Section 6 Management & Buying Reference

# ESTIMATING MATHEMATICS MEASURES AND WEIGHTS

METRIC EQUIVALENTS-

LINEAR MEASURE

.0.5028 dekometer 1.6093 kilometers

1 kilometer 1 inch... 1 foot...

1 yard. 1 rod...

1 mile

### LONG MEASURE

.....

.

.....

12	Inches	.1 foot
3	feet	1 yard
51/	2 yards	1 rod
40	rods	furlong
8 (	furlongs	a. mile
3	miles	league

#### SQUARE MEASURE

144 sq. Inches	
9 sq. ft	
301/4 sq. yds	1 sq. rod
40 sq. rods	1 rood
4 roods	
640 acres	1 so mile

#### SUBVEYOR'S MEASURE

7.92 Inches1	ink
25 links	rod
4 rods	
10 sq. chains or 160 sq. rods1 a	
640 acres1 square n	olie
36 sq. miles or 6 miles sq	
	hip

#### CUBIC MEASURE

1.728 cubic inches1 cubic foot
128 cubic feet
27 cubic feet
40 cubic feet
2.150.42 cu. ins1 stand. bushel
268.8 cu. in1 standard gel. dry
231 cu. in1 standard gal. liquid
1 cubic footabout 4/5 of a bushel
1 Perch. A mass 161/2 ft. long, 1 ft.
high and 11/2 ft. wide, containing
243/4 cu. ft.

#### APPROXIMATE METRIC FOUNVALENTS

1	decimeter4 inche
1	meter
1	kilometer
1	hectore
1	stere. or cu. meter 1/4 of a corr
1	liter1.06 at. lig. or 0.9 at. dr
1	hektoliter
1	kilogram
	1 metric ten

	ACREAGE AND AR	EAS				
ACRES	AREA					
1/10		66.0	lin. ft.	4,356 sq. 1		
1/8		73.8	**	5,445		
1/6		85.2	**	7,260	**	
1/4		104.4	**	10,890		
1/3		120.5	**	14,520		
1/2	*****	147.6		21,780	**	
3/4		180.8		32,670		
1	*******	208.7	-20	43,560	**	
11/2		255.6		65,340	**	
2		295.2		87,120		
21/2		330.0		108,900		
3		361.5	**	130,680	**	
4		466 7		217 800		

#### WEIGHTS

1	gram0.03527 eunce
1	kilogram
8	metric ton0.9842 English ton
1	ounce
1	pound0.4536 kilogram
1	English ton 1.0160 metric tons

#### AVOIDRUPOIS WEIGHT

2711	grains	1 dram
16 dr	ams	1 øunce
16 ou	nces	1 pound
25 po	unds	1 quarter
4 que	irlers	1 cwt.
2,000	1bs	1 short ton
2.240	lbs	.1 long ton

#### DRY MEASURE

	pints	
8	quarts	1 peck
4	pecks	.1 bushel
34	bushels	chaldren

#### HOUR MEASURE

65,340	**	
87,120		4 gills1 pint
08,900	**	2 pints
30,680	**	311/2 gallens
17,800	"	2 barrels

# MENSURATION

Area of a square = length x breadth or height.

- Area of a rectangle = length x breadth or height.
- Area of a triangle = base x ½ altitude.
- Area of parallelogram = base x altitude.
- Area of trapezoid = altitude x  $\frac{1}{2}$  the sum of parallel sides.
- Area of trapezium = divide into two triangles, total their areas.
- Circumference of circle = diameter x 3.1416.
- Circumference of circle = radius x 6.283185.
- Diameter of circle = circumference x .3183.
- Diameter of circle = square root of area x 1,12838.
- Radius of a circle = circumference x .0159155.
- Area of a circle = half diameter x half circumference.
- Area of a circle square of diameter x 7854.
- Area of a circle = square of circumference x .07958.
- Area of a sector of circle = length of arc x 1/2 radius.
- Area of a segment of circle = area of sector of equal radiusarea of triangle, when the segment is less, and plus area of triangle, when segment is greater than the semi-circle.
- Area of circular ring = sum of the diameter of the two circles x difference of the diameter of the two circles and that product × .7854.
- Side of square that shall equal area of circle = diameter x .8862. Side of square that shall equal area of circle = circumference x .2821.
- Diameter of circle that shall contain area of a given square = side of square x 1.1284.
- Side of inscribed equilateral triangle = diameter x .86.

Side of inscribed square = diameter x .7071.

- Side of inscribed square = circumference x .225.
- Area of ellipse = product of the two diameters x .7854

Area of a parabola = base x 2/3 of altitude.

- Area of a regular polygon = sum of its sides x perpendicular from its center to one of its sides divided by 2.
- Surface of cylinder or prism = area of both ends plus length and x circumference.

Surface of sphere = diameter x circumference.

- Solidity of sphere = surface x 1/6 diameter.
- Solidity of sphere = cube of diameter x .5236.
- Solidity of sphere = cube of radius x 4.1888.
- Solidity of sohere = cube of circumference x .016887.
- Diameter of sphere = cube root of solidity x 1.2407.
- Diameter of sphere = square root of surface x .56419.
- Circumference of sphere = square root of surface x 1.772454.
- Circumference of sphere = cube root of solidity x 3.8978.
- Contents of segment of sphere = (height squared plus three times the square of radius of base) x (height x .5236)
- Contents of a sphere = diameter x .5236.
- Side of inscribed cube of sphere = radius x 1.1547.
- Side of inscribed cube of sphere = square root of diameter.
- Surface of pyramid or cone = circumference of base x ½ of the slant height plus area of base.
- Contents of pyramid or cone = area of base x 1/3 altitude.
- Contents of frustum of pyramid or cone = sum of circumference at both ends x ½ slant height plus area of both ends.
- Content of frustum of pyramid or cone = multiply areas of two ends together and extract square root. Add to this root the two areas and x 1/3 altitude.

Contents of a wedge = area of base x ½ altitude.

F<sub>3</sub>

# Section 6 Management & Buying Reference

# AMORTIZATION OF LOANS

# MONTHLY PAYMENTS OF 5% LOANS

		AMOUNT OF LOAN																	
NO. OF	\$100	\$200	\$300	\$400	\$500	\$600	\$700	\$800	\$900	\$1,000	\$2,000	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$8,000	\$9,000	\$10,000
2	4.39	8.78	13.17	17.55	21.94	26.33	30 71	35.10	39.49	43.88	87.75	131.62	175.49	219.36	263.23	307.10	350.98	394.85	438.72
3	3.00	6.00	9.00	11.99	14.99	17.99	20.98	23.98	26.98	29.98	59.95	89.92	119.89	149.86	179.83	209.80	239.77	269.74	299.71
4	2.31	4.61	6.91	9.22	11.52	13.82	16.13	18.43	20.73	23.03	46.06	69.09	92.12	115.15	138.18	161.21	184.24	207.27	230.20
5	1.89	3.78	5.67	7.55	9.44	11.33	13.21	15.10	16.99	18.88	37.75	56.62	75.49	91.36	113.23	132.10	150.97	169.85	188.72
6	1.62	3.23	4.84	6.45	8.06	9.67	11.28	12.89	14.50	16.11	32.31	48.32	64.42	80.53	96.63	112.74	128.84	144.95	161.05
7	1.42	2.83	4.25	5.66	7.07	8.49	9.90	11.31	12.73	14.14	28.27	42.41	56.54	70.67	84.81	98.94	113.08	127.21	141.34
8	1.27	2.54	3.80	5.07	6.33	7.60	8.87	10.13	11.40	12.66	25.32	37.98	50.64	63.30	75.96	88.62	101.28	113.94	126.60
9	1.16	2.31	3.46	4.61	5.76	6.92	8.07	9.22	10.37	11.52	23.04	34.56	46.07	57.59	69.11	80.63	92.14	103.66	115.18
10	1.07	2.13	3.19	4.25	5.31	6.37	7.43	8.49	9.55	10.61	21.22	31.82	42.43	53.04	63.64	74.25	84.86	95.46	106.07
11	.99	1.98	2.96	3.95	4.94	5.92	6.91	7.90	8.88	9.87	19.73	29.60	39.46	49.33	59.19	69.06	78.92	88.79	98.65
12	.93	1.85	2.78	3.70	4.63	5.55	6.48	7.40	8.33	9.25	18.50	27.75	37.00	46.25	55.50	64.75	74.00	83.25	92.49
13	.88	1.75	2.62	3.50	4.37	5.24	6.12	6.99	7.86	8.74	17.47	26.20	34.93	43.66	52.39	61.12	69.85	78.58	87.31
14	.83	1.66	2.49	3.32	4.15	4.98	5.81	6.64	7.46	8.29	16.58	24.87	33.16	41.45	49.74	58.03	66.31	74.60	82.89
15	.80	1.59	2.38	3.17	3.96	4.75	5.54	6.33	7.12	7.91	15.82	23.73	31.64	39.54	47.45	55.36	63.27	71.18	79.08
16	.76	1.52	2.28	3.04	3.79	4.55	5.31	6.07	6.92	7.58	15.16	22.74	30.31	37.89	45.47	53.04	60 62	68.20	75.77
17	.73	1.46	2.19	2.92	3.65	4.38	5.11	5.83	6.56	7.29	14.58	21.86	29.15	36.44	43.72	51.01	58.30	65.58	72.87
18	.71	1.41	2.11	2.82	3.52	4.22	4.93	5.63	6.33	7.04	14.07	21.10	28.13	35.16	42.19	49.22	56.25	63.28	70.31
19	.69	1.37	2.05	2.73	3.41	4.09	4.77	5.45	6.13	6.81	13.61	20.41	27.22	34.02	40.82	47.62	54.43	61.23	68.03
20	.66	1.32	1.98	2.64	3.30	3.96	4.62	5.28	5.94	6.60	13.20	19.80	26.40	33.00	39.60	46.20	52.80	59.40	66.00
21	.65	1.29	1.93	2.57	3.21	3.86	4.50	5.14	5.78	6.42	12.84	19.26	26.67	32.09	30.51	44.93	51.34	57.76	64.18
22	.63	1.26	1.88	2.51	3.13	3.76	4.38	5.01	5.63	6.26	12.51	18.76	25.02	31.27	37.52	43.77	50.03	56.28	62.53
23	.62	1.23	1.84	2.45	3.06	3.67	4.28	4.89	5.50	6.11	12.21	18.32	24.42	30.53	36.63	42.73	48.84	54.94	61.05
24	.60	1.20	1.80	2.39	2.99	3.59	4.18	4.78	5.38	6.97	11,94	17.91	23.88	29.85	35.82	41.79	47.76	53.73	59.69
25	.59	1.17	1.76	2.34	2.93	3.51	4.10	4.68	5.27	5.85	11.70	17.54	23.39	29.23	35.08	40.93	46.77	52.62	58.46

	AMOUNT OF LOAN																		
NO. OF YEARS	\$100	\$200	\$300	\$400	\$500	\$600	\$700	\$800	\$900	\$1,000	\$2,000	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$8,000	\$9,000	\$10,000
2	4.37	8.73	13.10	17.46	21.83	26.19	30.56	34.92	39.29	43.65	87.30	130.95	174.60	218.24	261.89	305.54	349.19	392.84	436.48
3	2.98	5.95	8.93	11.90	14.88	17.85	20.83	23.80	26.78	29.75	59.50	89.25	118.99	148.74	178.49	208.23	237.98	267.73	297.47
4	2.29	4.57	6.85	9.13	11.41	13.69	15.97	18.25	20.53	22.81	45.61	68.42	91.22	114.02	136.83	159.63	182.43	205.24	228.04
5	1.87	3.73	5.60	7.46	9.33	11.19	13.06	14.92	16.78	18.65	37.29	55.93	74.58	93.22	111.86	130.51	149.15	167.79	186.44
6	1.59	3.18	4.77	6.35	7.94	9.53	11.12	12.70	14.29	15.88	31.75	47.63	63.50	79.38	95.25	111.12	127.00	142.87	158.75
7	1.40	2.79	4.18	5.57	6.96	8.35	9.74	11.13	12.52	13.91	27.81	41.71	55.61	69.51	83.41	97.31	111.21	125.11	139.01
8	1.25	2.49	3.73	4.97	6.22	7.46	8.70	9.94	11.19	12.43	24.85	37.27	49.70	62.12	74.54	86.97	99.39	111.81	124.24
9	1.13	2.26	3.39	4.52	5.64	6.77	7.90	9.03	10.15	11.28	22.56	33.84	45.12	56.39	67.67	78.95	90.23	101.50	112.78
10	1.04	2.08	3.11	4.15	5.19	6.22	7.26	8.30	9.33	10.37	20.73	31.10	41.46	51.82	62.19	72.55	82.92	93.28	103.64
11	.97	1.93	2.89	3.85	4.81	5.78	6.74	7.70	8.66	9.62	19.24	28.86	38.48	48.10	57.72	67.34	76.95	86.57	96.19
12	.91	1.81	2.71	3.61	4.51	5.41	6.31	7.21	8.11	9.01	18.01	27.01	36.01	45.01	54.01	63.01	72.01	81.01	90.01
13	.85	1.70	2.55	3.40	4.24	5.09	5.94	6.79	7.64	8.48	16.96	25.44	33.92	42.40	50.88	59.36	67.83	76.31	84.79
14	.81	1.61	2.42	3.22	4.02	4.83	5.63	6.43	7.24	8.04	16.07	24.11	32.14	40.17	48.21	56.24	64.28	72.31	80.34
15	.77	1.53	2.30	3.06	3.83	4.59	5.36	6.12	6.89	7.65	15.30	22.95	30.60	38.25	45.90	53.55	61.20	68.85	76.50
16	.74	1.47	2.20	2.93	3.66	4.39	5.13	5.86	6.59	7.32	14.64	21.95	29.27	36.58	43.90	51.22	58.53	65.85	73.16
17	.71	1.41	2.11	2.81	3.52	4.22	4.92	5.62	6.33	7.03	14.05	21.07	28.09	35.12	42.14	49.16	56.18	63.21	70.23
18	.68	1.36	2.03	2.71	3.39	4.06	4.74	5.42	6.09	6.77	13.53	20.29	27.06	33.82	40.58	47.35	54.11	60.87	67.64
19	.66	1.31	1.96	2.62	3.27	3.92	4.58	5.23	5.88	6.54	13.07	19.60	26.14	32.67	39.20	45:73	52.27	58.80	65.33
20	.64	1.27	1.90	2.54	3.17	3.80	4.43	4.07	5.70	6.33	12.66	18.98	25.31	31.64	37.96	44.29	50.62	56.94	63.27
21	.62	1.23	1.85	2.46	3.08	3.69	4.30	4.92	5.53	6.15	12.29	18.43	24.57	30.71	36.85	42.99	49.13	55.28	61.42
22	.60	1.20	1.80	2.39	2.99	3.59	4.19	4.78	5.38	5.98	11.95	17.93	23.90	29.87	35.85	41.82	47.80	53.77	59.74
23	.59	1.17	1.75	2.33	2.92	3.50	4.08	4.66	5.24	5.83	11.65	17.47	23.29	29.12	39.94	40.76	56.58	52.40	58.23
24	.57	1.14	1.71	2.28	2.85	3.42	3.98	4.55	5.12	5.69	11.37	17.06	22.74	28.43	34.11	39.79	45.48	51.16	56.85
25	.56	1.12	1.67	2.23	2.78	3.34	3.90	4.45	5.01	5.56	11.12	16.68	22.24	27.80	33.35	38.91	44.47	50.03	55.59

# Section 6 Management & Buying Reference

# BUILDING TERMINOLOGY

- ALCOVE-A large recess in a room, generally separated by an arch.
- APRON-A piece of finish below stool of window to cover plastic edge.
- ARCH-Arrangement of building materials in a curved form and designed to carry weight. AXIS-An imaginary line through the center
- of a sphere BALLOON FRAMING-A system of framing in which corner posts and studs are in one piece from sill to roof plate, intermediate inists being carried by girts spiked to the shude

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- BALUSTER-A column supporting a rail, used in balustrades.
- BALUSTRADE-A number of balusters, or columns supporting a rail.
- BATTEN-Small strips of boards, used over joints of sheathing for weatherstripping.
- BAY-The space within a building between two adjacent rows of columns
- BAY WINDOW-a window projecting outward from wall of a building.
- BEAM-A horizontal member supporting a load over an opening, or from column to column
- BEARING-The portion of a beam that rests on supports.
- BEARING WALL OR PARTITION-A wall supporting any load other than its own weight.
- BED—The horizontal surfaces in masonry on which stones or bricks lie in courses.
- BELT-A course of stones or brick projecting from wall, generally placed in line with window sills
- BEVEL—An instrument for taking angles.
- BOND-The connection between bricks or stones formed by lapping them upon one another, forming an inseparable mass.
- BORDER-A piece around the edge of anything.
- BRACE-A piece used in froming to form a triangle, thereby stiffening the structure. BREAK-A projection from the building sur-
- foce. BRIDGING-Method of stiffening floor joists and studs, by inserting members in between.
- BUTT-JOINT-Where two ends butt together. CASEMENT-A glass frame hinged on its ver-
- tical edges.
- COFFER-A deep panel in a ceiling. COLLAR BEAM-A beam above the lower ends
- of the rafters and spiked to them. COLONNADE-A row of columns.
- COLUMN-A round pillar.
- COPING-The capping or covering of a wall. CORBEL-A piece of stone or timber jutting out of a wall to carry weight.
- CORBEL OUT-To build out courses of masonry from the face of wall.
- CORNICE-The projection at top of a wall finished by a blocking course.
- COURSE-A continued layer of brick, stone, slate, shingles, etc.
- COVE CEILING-A ceiling curving from the walls.

- CURB ROOF, OR MANSARD ROOF-A roof formed of four continuous planes, each two having an external inclination
- CURTAIN WALL-A non-bearing wall between columns, and not supported by beams or nirders
- DOOR FRAME-The frame into which the door fits; it consists of two upright members called jambs, and a head.
- DORMER WINDOW-A window in a sloping roof forming a autter on each side
- DOVETAILING-Fastening boards together, by letting one piece into another as the expanded tail of a dove.
- DOWEL-A pin for fastening wood or stone A piece of wood driven into wall, so other members may be fastened to it. DWARF WALL-Low wall.
- EAVES-The lower part of slanting overhanging wall, to throw water off wall structure. FACADE-The principal front of a building.
- FLASHINGS-Metal strips let into joints of wall or any rising part so as to lap over autters to prevent leaking.
- FOOTINGS-The foundation on which bearing walls or columns rest.
- FOUNDATION-That part of the building below grade
- FRAMING-The rough house frame floors, SASH-The framework which holds glass in walls, roofing.
- FURRINGS-Material used to create an even surface from irregular framing.
- GIRDER-A large beam for supporting joists or walls over an opening.
- GROUNDS-Pieces of wood embedded in plastered walls to which skirting or other work is attached. Also used as a plaster stop round doors and windows.
- GROUT-Thinned mortar that will fill joints in mosonry.
- HEADERS-Stones or brick extending over thickness of wall. Wood beams into which joists are framed, such as for framing openings around stairs.
- HEAD-WAY-Clear space under arch, over stairway.
- HIP-ROOF-A roof rising by equally inclined planes from all four sides of the building. JAMB-Side post of openings.
- JOIST-Timbers to which floor boards are nailed or ceiling lath fastened. Joists rest on wall or girders.
- LATH-A strip used in slanting, tiling and plastering.
- LATTICE-A network of strips of material generally used as a screen.
- LEDGE-A projection from a plane. LINTEL-A horizontal member covering the
- opening of a door or window.
- LOUVER-An opening with slats for ventilation.
- MANSARD ROOF-See curb roof. MULLION-The members between lights of windows or screen-work.
- MUNTIN-A small mullion in light framing, such as a middle stile of a door.

NEWELL POST-Post at the lowest step, receiving start of handrail

- NOSINGS-Projecting edges of treads of stair, or the edge of a landing.
- PARAPET-A dwarf wall along edge of roof. or around a terrace walk.
- PARGING-Thin coat of plastering to smooth off rough brick or stone walls.
- PARTY WALLS-Partitions of brick or stone between buildings on two adjoining properties
- PENT-ROOF-A roof with a slope on one side only.
- PITCH OF ROOF-Proportion obtained by dividing the height by the spon.
- PURLINS-Members which support the rafters to prevent them from sinking.
- RAFTERS-Joists to which roof-boarding is nailed
- REVEAL-The two vertical sides of an aperture between the front of a wall and the window or door frame.
- RIDGE-The top of a roof which rises to an acute anale.
- **RIDGE-POLE-The highest horizontal timber in**
- the roof for supporting heads of rafters. RISER-The vertical board under the tread in
- a stair the window
- SCRATCH COAT-The first coat of plaster, which is scratched to afford a bond for the second cost
- SCRIBING-Fitted woodwork to an irregular surface.
- SHED ROOF OR LEAN-TO-A roof with only one set of rafters, falling from a higher to a lower wall.
- SiLLS-The timbers on the ground which support superstructure. Most frequently applied to member at bottom of doors or windows.
- SLEEPER-Wood member laid on ground to receive floor inists.
- SOFFIT-The lower horizontal face of anything, such as under face of a beam.
- SPAN-Distance between supports of a beam girder, etc.
- SPANDREL-The space between any arch and
- the level beams over same. STILE-The upright piece in framing or pan-
- eling. STUDS-The wooden members used in parti-
- tions and exterior walls, to which laths or boards are applied.
- SURBASE-A moulding above the base.
- TREAD-The horizontal part of a step of a stair.
- TRIM—The finishing materials, like the lock, knobs and hinges on a door.
- TRIMMER-The beam or floor joist into which a header is framed.
- VALLEY-The internal angle formed by two inclined sides of a roof.
- WAINSCOT-The wall lining-may be of wood, glass, tile, etc.

"...the precious ingredient which can assure perpetual youth to new construction." "We builders have long recognized the fact that antique electrical standards contribute most to the obsolescence and depreciation of the home.

"Technological improvements in the home are fundamentally powered by electricity . . . and where inadequate wiring cannot convey sufficient power, the house must sicken and die. The difference in cost at the time of building a new house, between a substantial wiring system and one which just provides the minimum essentials, only amounts to a few cents a day over a period of the average mortgage.

"Electricity is the precious ingredient which can assure perpetual youth to new construction."

# How builders can make the most of **LIVE BETTER**...

Better living ... electrically! That's what over one million new home buyers in 1956 will be looking for. The national and local LIVE BETTER ... Electrically campaign is making customers more conscious of the many ways electricity can add comfort to a home ... lighten household chores.

Builders can turn this public demand into profits. You can plan your homes for better electrical living, with adequate wiring, colorful appliances that end drudgery, and lighting that displays every built-in feature.

Such homes sell faster and at greater profit. And the folks



Ioseph B. Haverstick President, National Association of Home Builders

Electrically



who buy them will appreciate the thought and foresight of the builder. They'll talk about it. This kind of talk sells more houses for you.

A new book entitled "How to help home owners LIVE BETTER . . . *Electrically*" has been produced to help you make the most of the LIVE BETTER . . . *Electrically* campaign. This 64-page digest-size book contains complete plans for "load-matched" residential wiring systems. For your copy, call or write your local electric utility company or mail coupon below with 10 cents to cover cost of handling.

LIVE BETTER ... Electrically P.O. Box 505 Great Neck, New York

Please send me a copy of book entitled "How to help home owners LIVE BETTER . . . *Electrically*." I enclose 10 cents to cover cost of handling.

Name	
Street Address	
	AB-4
	F7

# BUILD THIS COMPLETE SWIMMING POOL IN SEVEN DAYS AT HALF THE COST!



Concrete Unit

# Complete "Package" Delivered Direct To Pool Site In Trailer Truck!

The NATIONAL POOL "package" is delivered to your pool site in a trailer truck and includes all fittings and a filtration system which purifies and keeps water safe for healthful swimming at all times. Construction requires no special equipment and can be done with common labor. Specially designed pre-cast concrete wall sections grooved to fit into each other solves cost problem. Pool walls are scientifically prestressed to prevent cracking. New method puts swimming pools in reach of all budgets.

# Prices start at \$1,300.00 for 16' x 34' Private Pool complete with Filter System, Pump, Motor and Fittings.

SAME BUILDING PROCEDURE APPLIES TO LARGEST TYPE POOLS AS WELL AS SMALL FAMILY TYPE PRIVATE POOLS

Excavation for pool showing steel reinforcement for floor and inside pool walls.



Vertical pre-stressing steel rods are ready for specially groaved pre-cast wall sections to be placed over them. No heavy construction equipment needed. All work can be done with common labor.



Walls being pre-stressed by tightening nuts above plates of sheet steel, after concrete mixture has been poured inside pre-cast concrete sections. Prevents cracking. No wooden or other forms needed.





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Write today for information • Dealer inquiries invited

GLASS DOOR AND WINDOW CO.

For sheer beauty in design, engineering and craftsmanship, choose Slide-Master sliding doors . . priced for economy . . . built for endurance.

F10



AMERICAN BUILDER

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# HOME PLAN BOOKS

# Show YOUR PROSPECTS **OVER 1,250 PLANS**

In These 18 Beautiful Books

# DESCRIPTION AND ORDER FORM

# CHECK BOOKS WANTED AND MAIL TODAY

..............

10. D NEW SMALL HOMES-Over 80

100 NEW HOMES—A wide var-iety of styles—ranch, colonial and modern—makes selecting easy. 2 to 4 bedrooms. Many in color 50e

12. T NEW BRICK HOMES-64 de-

13. SMALL SOUTHERN HOMES

14. DUPLEX DESIGNS-41 varied

55 very pleasing designs for small families. All one story, Mostly 2 bedroom—a few 3 bed-room. Suitable for all areas **50**¢

**KAMP KABINS AND WEE HOMES**—Over 60 designs suitable for year around and summer use—in town or country ....50e

F11

16. T NEW AMERICAN HOMES-98

17. D BLUE RIBBON HOMES-One of

YOUR NEW HOME PLANS—A 2nd edition of 119 designs (many in color) widely varied in style and materials—2 and 3 bedroom Sue

new plans, 32 in full color. Many sizes, 650 to 1175 sq. ft. floor space, 1, 2 and 3 bedrooms **50**c

1. TRANCH AND SUBURBAN-125 ery popular ranch-type designs -both conventional and contemporary. Suitable for town and country. Many in color ......50c

2. CHOICE SELECTED HOMES-82 designs featuring 12 new split-levels. Various sizes, 2 and 3 bed-rooms. 32 in full color ......50c

3. HOMES IN BRICK-114 designs of medium and large homes. In-cludes color section of ranch styles in brick, stone and frame ...\$1.00

4. T SUCCESSFUL FIREPLACES-200 pictures, outdoor (patio) and in-door types including correct con-struction details. Rehable, authentic, information ......75c

5. ALL-AMERICAN HOMES 3rd edition—featuring 120 different de-signs in varied types of construc-tion. 64 in full color ......**50**e

6. SUNSHINE HOMES-62 appeal 

7. AMERICA'S BEST-2nd edition. Over 120 outstanding designs. styles 2 and 3 bedroom. 64 in t color 2 dina 5 Dearboin. 64 in fuin

8. COLONIAL HOMES-A very fine 

9. DELUXE SMALL HOMES-Our Sth edition and largest selection of finest, modern designs. All time-tested for popularity. I to 3 bed-rooms. 64 in full color .....\$1.00

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19. SPECIAL OFFER

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# **Builders Like This Complete Plan Service**

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Helping your prospects find the right plan for their new home means easer selling for you . . . and Garlinghouse has the largest and finest selection of home plans . . . all styles and sizes . . . 1 to 4 bedrooms ... many in full color.

Garlinghouse Plan Books show pictures and floor plans with square and cubic footage. Your prospects will like the ease and convenience of choosing their new home from them. A kit of these beautiful books kept handy at all times helps turn prospects into contracts.

Best of all, complete working plans, specifications, lumber and mill lists are available for each design-at low cost. These plan sets are a fine investment because they eliminate unnecessary planning costs and both you and your customer know in advance what is being offeredthus avoiding misunderstandings.

FAST SERVICE—Complete plan sets are sent by return mail (24-hour service) POST-PAID to avoid delays.

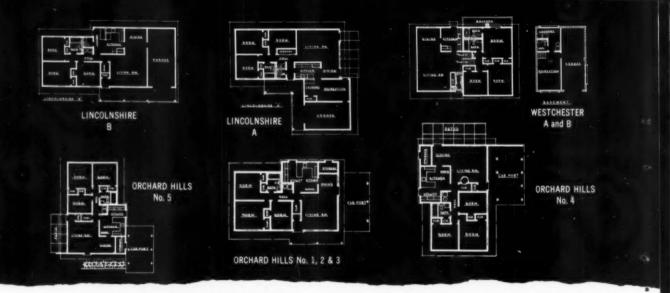
**GUARANTEE**—All transactions with the L. F. Garlinghouse Co., Inc., are on a money-back guarantee basis. Unused plans may be returned within five days for full credit on other plans or for cash refund.

Sp	ecic	1	Offer
SAVE	\$2.75	BY	ORDERING

**COMPLETE** "Plans Library" of 18 BOOKS-FOR \$8.00

Gives you a complete handy kit to show your prospects.

Makes selling easier.



# Presenting RANCH WESTERN HOMES

... Scholz' fully fabricated, California Contemporary designs now offered in the \$10,000-\$17,000 range. Complete with financing and land development assistance for bonafide builders.



# AMERICAN BUILDER

Classified Directory

# **Prefabricated Home** Manufacturers

This section comprises a comprehensive directory of companies engaged in the manufacturing of Prefabricated Homes. Every effort has been made to include all manufacturers who distribute through builders or other qualified dealers.

Information on each company has been compiled from the latest available at the time this issue went to press and any omission is unintentional. Every attempt has been made to standardize the data on each manufacturer giving only that information which is of interest to the builder, or prospective buyer, of prefabricated homes. Manufacturers are listed alphabetically by States to make it easier for the reader to find the plant in his locality. Those companies who have plants in

# ALABAMA

# LUMBER FABRICATORS. INC.

Fort Pavne, Ala.

Contact: Donald H. Gott, V. Pres. Distribution Radius: 500 miles No. Basic Plans: 85, plus variations Package Price: \$3,000 to \$10,000 f.o.b. Sales Policy: Factory representative and builder-dealers

Minimum Order: 3 per month Delivery Time: 14 days from receipt of order

Financing: 10 days-2%; C.O.D. **Description:** Conventional framing used in wall panels; choice of siding fixishes; floor and roof framing pre-cut; doors and windows hung in frames; interior and exterior trim furnished: cabinets optional.

See advertisement page F16

# ARKANSAS

# **CLIFF MAY HOMES**

Stamps, Ark. Main Office: Los Angeles, Calif.

# ARIZONA

# THE MOBILEHOME CORP. Phoenix, Ariz.

Main Office: Bakersfield, Calif.

# CALIFORNIA

# **CALIFORNIA MODULAR** HOMES, INC.

3808-22nd St., Del Paso Heights, Sacramento County, Calif.

Contact: E. L. Schutt, Pres. Distribution Area: California No. Basic Plans: 12 standard or reverse

Package Price: \$2,300 to \$5.000 f.o.b. Sales Policy: Builders; builder-realtor; individuals

most cases the shipping radius given is from manufacturing plante or warehouses For further information and literature direct all inquiries to the contact given at the address of the main plant.

other States are also listed with a cross reference since in

This symbol indicates the manufacturer is a member of the Prefabricated Home Manufacturers' Institute, an association whose purpose is to establish high quality standards for the industry. For general information on the subject of prefabrication write: Prefabricated Home Manufacturers' Institute, 908 20th St., N. W., Washington 6, D. C.

Minimum Order: No minimum or franchises Delivery Time: 10 days after contract

Financing: 10% with order: 2% on delivery

Description: Component parts only; Opost and beam construction; exterior panels sided, windows and doors in-stalled; interior finish dry or wet wall optional: extras available.

# CLIFF MAY HOMES

815 Moraga Dr., Los Angeles 49, Calif. Other plants at Stamps, Ark. Dallas, Tex., Tacoma, Wash., Salt Lake City, Utah, Denver, Colo., Lancaster, Pa. Contact: Cliff May, Pres. Distribution Radius: 400 miles No. Basic Plans: 18 Package Price: \$3,000 to \$6,000 f.o.b. Sales Policy: Franchises manufacturing

distributors who franchise dealers. Minimum Order: Varies with locality Delivery Time: 14 days from receipt of order

Financing: 10% with order: C.O.D. balance: 2% for cash with order. Description : Exterior wall panels

sheathed and sided; precut roof framing and sheathing; interior partitions; storage walls; heating systems and duct-work furnished.

# THE MOBILEHOME CORP.

1400 "Q" St., Bakersfield, Calif. Other plants at Oxnard, Cal., Phoenix, Ariz.

Contact: Jim McMillan, Pres. Distribution Radius: 200 miles

No. Basic Plans: 20 to 25

Package Price: \$7,000 to \$17,000 erected

Sales Policy: Franchised dealers, financially sound; direct sales to owner occupants

Delivery Time: 30 to 60 days from receipt of order

Description: Houses are built complete on assembly line, moved and set on foundation; frame construction, hardwood floors, steel kitchens, aluminum windows, ceramic tile kitchen and baths, other rooms drywall finish; plumbing and electrical fixtures furnished; complete turn-key job to owner.

# WESTWAY HOMES, INC.

4300 El Camino Real, Los Altos, Calif. Other plant at Goleta, Calif.

Contact: L. B. Nelson, Pres. Distribution Radius: 1.500 miles No. Basic Plans: 12

Package Price: \$2,200 to \$6,500 f.o.b. Sales Policy: Franchised dealers; individuals

Minimum Order: 5 to 10 per year Delivery Time: 10 days from receipt of order

Financing: Net C.O.D.: Bank finance plan available to dealers Description: Wall panels conventional

construction with sheathing, siding, windows installed; various wall finishes available; prefabricated gable ends, precut rafters, roof decking: interior trim, kitchen cabinets, sink, floor coverings furnished.

# COLORADO

CLIFF MAY HOMES

Denver, Colo.

Main Office: Los Angeles, Calif.

# CONNECTICUT

### FABRICATORS INC.

132 Water St., South Norwalk, Conn. Contact: Paul D. Levine, Sales Mgr.

Distribution Area: New England, New York & New Jersey No. Basic Plans: 8

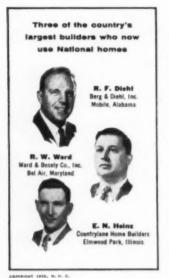
Package Price: \$3,000 to \$7,500 f.o.b. Sales Policy: Open

Delivery Time: 7 days from receipt of order

**Description:** Exterior panels sheathed and sided; separate door and window units; partition panels; trusses and gable ends; storage walls; carports.



# In 1956... The 100,000th National home



100,000 NATIONAL HOMES . . . this alone is proof that National Homes Corporation has fulfilled the needs and desires of thousands of families for better homes at prices within their means. It is a mark of customer satisfaction and success never before achieved in the home building industry. It is your assurance of the competitive advantages National Homes offers you as one of its franchised builder-dealers. To make certain your own future, join now the most successful organization in home building in the world today.

Here are just a few of the many competitive advantages:

**TRAINED ORGANIZATION** to assist with land acquisition, site planning, and the dealer's entire building program.

HOUSE PACKAGE that represents two-thirds of the building job. This is delivered to the site on schedule for the most economical use of local labor. There is no need for warehousing or inventory.

FASTER COMPLETION TIME that means a more rapid turnover of capital and a higher dollar volume of profit.

FAVORABLE FINANCING OF VA OR FHA-APPROVED MORTGAGES by the National Homes Acceptance Corporation and more than 600 leading financial institutions.

ADVERTISING AND SALES PROMOTION, on national and local levels, of our brand-name National homes.

HOMES PROFESSIONALLY DESIGNED by Charles M. Goodman, AIA, and color-styled by Beatrice West, both well known authorities in the home field.

**DOZENS OF FLOOR PLANS** and hundreds of exterior variations to suit every need and desire. **HOMES PRODUCED BETTER** and more economically . . . by the assembly-line methods of modern manufacturing . . . which means a lower

modern manufacturing . . . which means a lower selling price. MASS PURCHASING of brand-name materials

results in higher quality and in important savings that are passed on to the home-buyer.

ALL THE ADVANTAGES of a 25,000-house-ayear builder regardless of the size or location of the community.

For more information on how you may join the most successful home building team in the country with a National Homes builder-dealer franchise, contact me personally. JAMES R. PRICE, President, National Homes Corporation, Lafayette, Indiana.

ONE OUT OF EVERY 48 HOMES BEING BUILT IN AMERICA TODAY IS PRODUCED BY .



AMERICAN BUILDER

# FEDERAL HOMES CORP.

Canaan, Conn

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Contact: Chris D. Geisler, Pres. Distribution Area: Eastern United States

Package Price: \$2,875 to \$6,000 f.o.b. Sales Policy: Builders-dealers

Delivery Time: 2 to 3 weeks from receipt of order Financing: 30 days net

Description : Floor, exterior wall panels and interior framing assembled; doors and windows hung; assembled split-ring trusses; gable assembled in two sections; siding applied at factory: interior finish applied on job; optional features; kitchen sink and cabinets, choice of colors, insulation, siding finishes

# FLORIDA

# FLORIDA BUILDERS, INC.

700-43rd St., South, St. Petersburg, Fla. Contact: Joe I. Lively, Jr., Sales Mgr. Distribution Area: Florida and Exnorts

No. Basic Plans: 16, with elevation variations

Package Price: \$1,716 to \$4,450 f.o.b. Sales Policy: Qualified builders or franchised dealers

Minimum Order: None

Delivery Time: 5 days after receipt of order

of order Financing: 10% with order-balance on delivery or bank letter of credit. Description: House package includes water heater, kitchen sink, and cabinets; prefabricated chimney. Heating plant, W. G. BEST HOMES CO. built in ranges and ovens and other appliances available.



THAN ALL OTHER PREFABRICATORS COMBINED! To learn WHY - write for 76 page FREE catalog to Prospective . . . BUILDER-DEALERS

> FLORIDA BUILDERS, Inc. Dept. #8 -Box 157 St. Petersburg, Florida

# GEORGIA

KNOX CORP. Thomson, Ga.

> Contact: R. H. Denton, Dir. of Sales Distribution Radius: 600 miles No. Basic Plans: 8; 4 optional elevations of each; all models reversible Package Price: \$2,450 to \$6,900 f.o.b. Sales Policy: Established builders, ex-perienced and financially sound

Minimum Order: 12 homes per year **Delivery Time:** 10 working days from receipt of order

**Financing:** 10 days 3%; 30 days 2%; 60 days 1%; 90 days net

Description: Floor system conventional precut; exterior panels, stressed skin with plywood sheathing; framing 2" x 3", insulation, gypsum board, doors and windows installed: interior panels finished both sides; clear-span trusses with plywood sheathing; exterior finishes optional: heating, electrical, plumbing, appliances, paint, optional in package.

Contact: G. K. Yetter, Pres.

Distribution Radius: 600 miles No. Basic Plans: 8 series; 70 plans and variations

Package Price: \$1,750 to \$3,500 f.o.b. Sales Policy: Established builders, realtors, franchised dealers

Minimum Order: None except where

exclusive arrangement is made Delivery Time: 10 days from receipt of order

Financing: Various types available **Description:** Basic package includes exterior and interior panels with doors and windows; no interior finish, no exterior wall or roof finish; roof trusses, precut sheathing, trim and all hardware. Standard framing processed as conventional construction.

# ILLINOIS

Route 45 South, Effingham, Ill.

Contact: W. G. Best, Pres. Distribution Radius: 350 to 400 miles No. Basic Plans: 174

Package Price: \$2,995 to \$11,750 f.o.b. Sales Policy: Authorized dealers Minimum Order: Based on potential

of area Delivery Time: Approximately 10 days

Financing: Cash 5 days in advance or letter of credit; 1% 5 days; 30 days net. **Description:** Exterior panels conventionally framed with  $\frac{5}{16}$ " plywood sheathing; insulation installed;  $\frac{1}{2}$ " gypsum board applied all interior partitions; truss or panelized roofs; house package 85% prefabricated in factory; appliances optional.

# **DOUGLAS HOMES CO.**

1830 E. North Grand Ave., Springfield, @ GENERAL INDUSTRIES III

Contact: A. H. Lubin, Pres.

Distribution Radius: 300 miles No. Basic Plans: 18; 20 exterior eleva-

tions for each Sales Policy: Franchised dealers

Delivery Time: 10 days from receipt of order

Financing: Firm prices See advertisement page F25

# **GBH WAY HOMES, INC.** Bureau County, Walnut, Ill.

Contact: Clifford M. Hill, Pres. & Sales Mgr.

Distribution Radius: 400 miles No. Basic Plans: 50 Package Price: \$2,500 to \$9,000 f.o.b. Sales Policy: Franchised dealers

Minimum Order: None

Delivery Time: 10 to 30 days from receipt of order Financing: COD

Description : Panels up to 8' x 12' with doors and windows installed; shakes factory installed: drywall or plaster installed on job; roof trusses; floor panels 31/4' in width: cabinets optional.

See advertisement page F29

# INDIANA

# ALLEN INDUSTRIES, INC.

P.O. Box 2497, Station C, Fort Wayne, Ind

Contact: Ralph W. Eaton, Sales Mgr. **Distribution Radius: 200 miles** No. Basic Plans: 7 with reverses, 82

Package Price: \$3,400 to \$5,500 f.o.b. Sales Policy: Franchised dealers and huildere

Minimum Order: Depends on area Delivery Time: 10 days from receipt

of order Financing: Cash with order, 11/2%:

cash on day of shipment, 1%: 10% with order, balance net 15 days

Description: Modular panels 2 x 4; trussed roof; roofing, flooring, siding and drywall furnished loose; windows and doors packaged; kitchen cabinets, heating assembly included; plumbing, air conditioning, wall and floor tile optional.

See advertisement page F23

# COLPAERT HOMES, INC.

445 N. Sheridan, South Bend, Ind.

Contact: Joseph Colpaert, Sales Mgr. Distribution Radius: 400 miles No. Basic Plans: 7; all models reversible

Package Price: \$2,000 to \$6,000 f.o.b. Sales Policy: Franchised dealers

Minimum Order: 10 homes per year Delivery Time: 14 days from receipt of order

Financing: Construction loans on pre-

closed mortgages or cash in advance Description: Exterior panels not over 8 ft. in length with sheathing factory applied; interior partitions panelized; one piece floor and ceiling joists; win-dows assembled, not installed; items not panelized or assembled are precut to length; exterior and interior finish applied in field.

# HOMES

3033 Wayne Trace, Fort Wayne, Ind.

Contact: George S. Brown, Sales Mgr. **Distribution Radius: 500 miles** No. Basic Plans: 1 basic home with 48

exterior variations Package Price: \$4,036 to \$4,500 f.o.b. Sales Policy: Approved dealers Minimum Order: 25 per year Delivery Time: 14 days from receipt

of order

Financing: House Package Financing; 90 day note to approved dealers

Description: Stressed skin construct tion; panels predecorated interior and exterior; prewired, preplumbed, in-sulated; doors and windows installed; heating, plumbing fixtures, cabinets, waterheater, asphalt tile included. One house package contains everything but the concrete.

NOMES FLORIDA

Florida

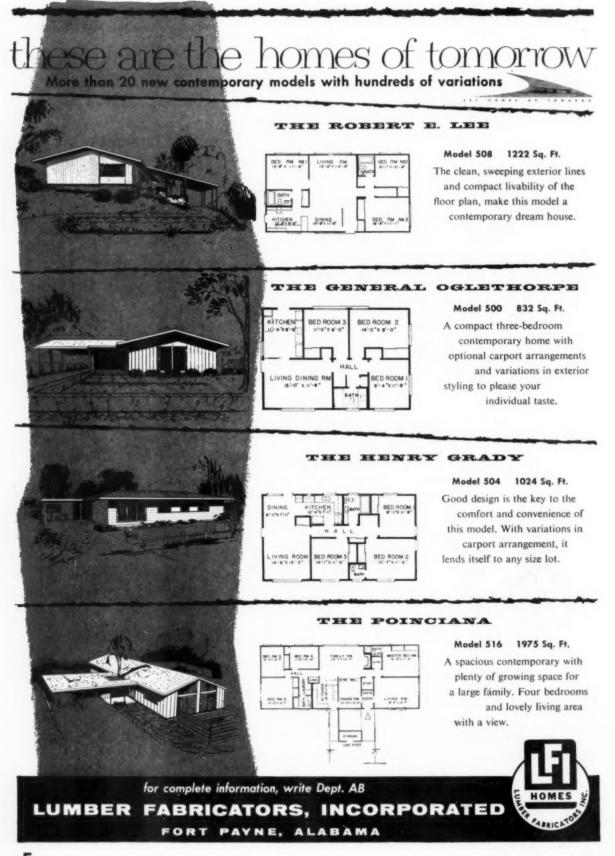
Inc.

MODE

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**Builders** 



F16

AMERICAN BUILDER

# MANOR HOMES OF AMERICA, INC.

Box 167, Crown Point, Ind.

Contact: Cal Lunkes, Sales Mgr. Distribution Radius: 500 miles No. Basic Plans: 18

Package Price: \$2.650 to \$10,000 f.o.b. Sales Policy: Builders

Minimum Order: None Delivery Time: 10 days from receipt of order

Financing: Will assist builders in financing arrangements

Description : Produce in 4' x 8' exterior panels, sheathing applied, windows in-stalled; variety of panel types for unlimited designs; rafters, interior parti-tions pre-cut; doors prehung with hardware installed; siding and interior fin-ishes applied on job; cabinets, furnace chimney, vent fan, wall safe included: appliances, breezeways and garages optional.

# NATIONAL HOMES CORP. Lafayette, Ind.

Contact: Roger B. Stephenson, Mgr. Dealer Franchise Div.

Other plants at Horseheads, N. Y. & Tyler, Tex.

Distribution Area: All states east of Rocky Mountains No. Basic Plans: 52, with 200 exterior

variations

Sales Policy: Franchised builderdealers

Minimum Order: 2 per month

Financing: Cash with order

Description: House package consists of exterior and interior wall panels with doors and windows installed; wall panels have gypsum board applied, also exterior sheathing; ceiling panels with ceiling finish; roof sections sheathed; package includes sink and cabinets for kitchen, also heating unit; plumbing and electrical assemblies optional.

See advertisement page F14

# NEW CENTURY HOMES. INC.

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Ind. Hiway 26, East, Lafayette, Ind.

Contact: R. H. Kelso, V. Pres. Distribution Area: Ind., Ohio, Ill., Wis., Mich., Ky.

No. Basic Plans: 200 plans available Package Price: \$2,175 and up Sales Policy: Dealer-builders in fran-

chised area Minimum Order: None

Delivery Time: 5 days from receipt of order

Financing: 5 days after delivery or against commitment letter from lender Description: Exterior and interior panels are factory assembled with plywood nailed and bonded to both sides; ceiling and roofs in panels; gable ends prefabricated; gutters, light fixtures, kitchen cabinets furnished.

# PLACE HOMES, INC.

1212 S. Walnut St., South Bend 21, Ind. Contact: William D. Yeoman, Sales

Mgr. Distribution Radius: 400 miles No. Basic Plans: 13, reverses and vari-

ations of each

Package Price: \$2,500 to \$9,500 f.o.b.

Sales Policy: Franchised builder-dealer Minimum Order: Capacity for 20 homes per year Delivery Time: 10 to 12 days from re-

ceint of order

Financing: Cash and 30-day or 90-day contract

**Description:** Houses are pre-cut par-tially assembled; trusses; heating and air conditioning, plumbing assemblies ontional

# PRECISION HOMES

Division of Acme Building Materials, Inc

5235 Winthrop Ave., Indianapolis, Ind. Contact: Robert O'Keefe, Sales Mgr.

Distribution Radius: 300 miles No. Basic Plans: 4; 37 elevations and

Package Price: \$5,744 to \$6,500 f.o.b. Sales Policy: Franchised dealers only Minimum Order: 6 per year

Delivery Time: 48 hrs. from receipt of order

Financing: C.O.D.

Description : Conventional 2 x 4 stud panels with insulation board sheathing: truss roof construction; floors, slab, basement or crawl space; windows installed in panels: doors prefitted: drywall interiors; storm windows and heating and kitchen cabinets doors. furnished; optional: brick veneer, carport, combination washer-dryer.

See advertisement page F34

# Delivery Time: Approx. 7 days from RICHMOND HOMES INC.

Richmond, Ind.

Contact: H. Quentin Ramsey, V. P. Cha of Sales

Distribution Radius: 800 miles

No. Basic Plans: 24 with elevation variations

Package Price: \$2,600 to \$7,500 f.o.b. Sales Policy: Franchised dealers Minimum Order: None

Delivery Time: 14 days from receipt

of order Financing: 2% discount for cash with

order; 1% discount C.O.D.

Description: Framing 2 x 4-16" o.c.; 3%" and 5%" insulating sheathing; red-wood prime dipped siding or cedar shakes; aluminum or wood windows; glue-nail or H brace nailed trusses; plywood roof sheathing. shingles: kitchen cabinets furnished.

See advertisement page F18

# UNITED STATES STEEL HOMES, INC.

Charleston Rd., New Albany, Ind. Other plant at Harrisburg, Pa.

Contact: R. J. Ritchey, Mgr. Market Development

Distribution Area: National No. Basic Plans: 25 plus 8 exterior variations

Package Price: \$2,900 to \$8,000 f.o.b. Sales Policy: Franchised dealers Minimum Order: Depends on territory

Delivery Time: 14 days from receipt of order

Financing: Complete financing service, model home program, mortgage allocation, construction loans, letter of credit, etc.

Description: 4' x 8' panels, interior finish optional, fully insulated and fish-wired for electrician; doors and windows installed; no flooring furnished; roofing, furnace; water heater, kitchen cabinets and light fixtures supplied.

See advertisement pages F26-27

# AWOI

# KOZY MFG. CO.

Exira, Iowa

Contact: Tom J. Godwing, Pres. Distribution Radius: 500 miles No. Basic Plans: 24: also custom de-

Package Price: \$2,000 to \$9,000 f.o.b.

Sales Policy: Builders-dealers Minimum Order: 1 per mo. or 10 per

Delivery Time: 14 days from receipt of order

# Financing: C.O.D.

Description: Floor ioists, sub and finish floors furnished; exterior wall panels up to 20', insulated sheathing applied, windows in place, portion of siding applied, doors hung; partitions assembled; trusses, gable ends finished; wiring optional.

# MODERN HOMES CORP. Ottumwa, Iowa

Main Office: Dearborn, Mich.

# KANSAS

# SWEET LUMBER

FABRICATORS, INC. 4400 Roe Blvd., Kansas City, Kans.

Contact: Frank H. Woodbury, Sales

Engineer Distribution Radius: 150 miles No. Basic Plans: 14, with 150 varia-

tions

Package Price: \$1,595 to \$6,005 f.o.b.

Sales Policy: Project builders Minimum Order: None on stock plans; 10 for builder's design

Delivery Time: 14 days from receipt of order

Financing: Have one construction loan department

Description: Floor materials pre-cut: wall sections shop fabricated, siding applied, windows installed; roof truss with plywood sheathing; interior partition panels, gypsum board finish; trim, flooring, kitchen cabinets and hardware furnished

# KENTUCKY

## EMPIRE HOMES CORP.

P.O. Box 35, Station H, Louisville, Ky. Contact: Jack M. Gable, Sales Dept.

Distribution Radius: 350 miles No. Basic Plans: 20

Package Price: \$2,600 to \$4,200 f.o.b. Sales Policy: Builders, dealer franchise Minimum Order: None

Delivery Time: 21 days from receipt of order

Financing: C.O.D.

Description: Exterior wall panels conventional construction with insulation and sheathing applied; windows installed; clear span trusses, plywood sheathing; one piece gable ends; various siding finishes available; heating package and kitchen units included.



# Low Cost Housing . .

If you intend to build low cost units this summer, get the details about Richmond's Standard Line before you complete your plans. Dollar for Dollar there is a plus value of workmanship and quality that reflects in sales!

Value is Your Best Salesman

When you add the popular appeal of tri-level contemporary design to Richmond Homes' quality and ease of erection, you have an unbeatable combination. The variety of elevations and treatments to the basic plan makes this an ideal project home. Richmond's built in value allows good profit for builders at highly competitive prices, too.

Richmond Builds QUALITY HOMES in Every Price Class



AMERICAN BUILDER

# LOUISIANA

# CRAWFORD CORP.

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P.O. Box 989, Baton Rouge, La. Other plant at Gloster, Miss.

Contact: Paul R. Walker, V. Pres. Salar

Distribution Radius: 600 miles No. Basic Plans: 17: 120 exterior variations

Package Price: \$2,500 to \$5.500 f.o.b. Sales Policy: Franchised dealers

Minimum Order: Varies with market Delivery Time: Ship 10 days after receipt of order

Financing: Through Crawford Home Loan Corn

Description: Solid sheathed exterior panels, siding factory applied; interior partition panels; roof panels and framing: aluminum windows installed in panels; ready-hung doors; 1/2" gypsum board field applied: floor framing for A MARYLAND HOUSING pier or basement; heating and air conditioning, light fixtures, appliances, paint; cabinets and insulation optional.

# POPULAR HOMES

(Div. of United Mortgage Corp.) 2740 Arts St., New Orleans 22, La.

Contact: Frank J. Frey, V. Pres.

Distribution Radius: 600 miles No. Basic Plans: 8; 3 elevation variations each

Package Price: \$2,774 to \$4,961 f.o.b. Sales Policy: Franchised dealers Minimum Order: 1 per month

Delivery Time: 10 days from receipt of order

Financing: C.O.D.

Description: Exterior sections, conven-tionally framed 16" o. c., with exterior finish and windows installed; roof trusses assembled; kitchen cabinets, pre-hung doors, gypsum board, insula-tion, roofing in package.

# MAINE

# MORGAN C. ELMER, INC.

Box 237, Rockland, Maine

Contact: Morgan C. Elmer, Pres. Distribution Radius: 500 miles No. Basis Plans: 20: quotations made

Package Price: \$1,500 to \$4,000 f.o.b. Sales Policy: Contract builders; de-

velopers Minimum Order: 5

Delivery Time: 21/2 weeks from receipt

of order Financing: Net 10 days where credit

is established, others C.O.D. Description: Construction items only:

precut floor joists, bridging, sills, girder, subflooring, ceiling joists, rafters; as-sembled panels with sheathing applied for exterior walls and gables; interior panels with openings framed; windows and doors installed, optional.

# MARYLAND

R. H. BEST. INC.

1545 Rockville Pike, Rockville, Md.

Contact: H. J. Stevens, Mgr. Distribution Radius: 100 miles No. Basic Plans: 20 Package Price: \$1,750 to \$8,495 f.o.b.

Sales Policy: Individual lot owners Minimum Order: 1 Delivery Time: 10 days from receipt of order

Financing: To suit purchaser

# C DIXIE HOMES

Box 339-A. Rt. 1, Upper Mariboro, Md. Contact: George Halfpap, Jr., Sales

Mar Distribution Radius: 350 miles No. Basic Plans: 15: 5 elevations per

plan

Package Price: \$2,090 to \$4,390 f.o.b. Sales Policy: Builders and individuals Minimum Order: 10 per year Delivery Time: 20 days from receipt

of order

**Description:** All framing and panels are of #1 W.C. Fir, sub-sided with plywood glued and nailed; roof trusses: floor system subfloored with  $\frac{1}{2}''$  plywood; windows glazed, not installed; exterior doors fit and hung to jamb: cabinets included in most models; heating and appliances optional.

# CORP.

5715 Southwestern Blvd., Baltimore 27, Md

Contact: Robert E. Kanode: Andrew A. Soellner

Distribution Area: Md., Va., Del., Pa. No. Basic Plans: 3 with variations of each

Package Price: \$3,000 to \$8,000 f.o.b. Sales Policy: Financially sound Developers and Builders Minimum Order: No minimum

Delivery Time: 30 to 90 days from receipt of order

Financing: As arranged Description: Sheathed panels; precut floor framing and sheathing; stud dissembled partitions; doors and windows assembled and fitted: roofing furnished; enclosed structure assembled closets and etc. stairs.

# PRECISION BUILT HOMES. INC.

Milford Mill Rd. & W.M. R.R., Baltimore 8, Md.

Contact: Roy H. Robertson, Sales Mgr. Distribution Radius: 150 miles No. Basic Plans: 14 with 84 exterior

variations Package Price: \$4,500 to \$9,000

erected Sales Policy: Builders and individuals

Delivery Time: 2 weeks from receipt of order

Financing: 30 days-1%

Description: All package prices in-clude erection; finished electrical, plumbing, heating package; complete trim-out; buyer furnishes foundation, finish floor and all painting.

# MASSACHUSETTS

# FRANKLIN HOMES, INC.

65 Dean St., Franklin, Mass.

Contact: Frank L. Sullivan, Sales Mgr. Distribution Radius: 300 miles No. Basic Plans: 30

Package Price: \$2,900 to \$3,600 f.o.b. Sales Policy: Franchised builder-dealer Minimum Order: 20 per year

Delivery Time: 7 days on initial order Financing: 2%, 10 days; net 50 days Description: Room size panels sheathing and siding applied; windows installed; trusses; pre-hung doors; parti-tion panels and storage walls; garage or carport optional.

# HODGSON HOUSES INC.

Springdale Ave., Dover, Mass.

Contact: R. L. Spalding, Sales Mgr. Distribution Radius: 300 miles No. Basic Plans: Approximately 15 Package Price: \$3,800 to \$13,000 f.o.b. Sales Policy: Builders and individuals Minimum Order: No quotas Delivery Time: 14 to 28 days from re-

ceint of order Financing: Mortgage bank assignment.

construction payments Description: Sub-floor panels; exterior wall panels up ot 36' in length with windows installed and siding applied; prefabricated bearing partitions with doors hung in frames; balance of materials pre-cut for job installation.

See advertisement page F29

# PRE-BILT CONSTRUCTION, INC.

Box 344 State Rd., No. Dartmouth, Mass

Contact: Joseph Blum, Pres. Distribution Radius: 200 miles

No. Basic Plans: 10 Package Price: \$2,500 to \$5,000 f.o.b. Sales Policy: Builders; franchised

dealers: individuals Minimum Order: Minimum of 3 to hold dealership

Delivery Time: 15 days from receipt of order

Financing: C.O.D.

Description: Complete wall panels prescription: Complete wall panels with windows, doors, siding factory in-stalled. Interior package includes dry-wall, doors assembled, cabinets, all necessary finishing materials; plumbing, heating, electrical not furnished.

# TECHBUILT, INC.

55 Brattle St., Cambridge, Mass.

Contact: Paul Herrick, Sales Mgr.

**Contact:** Fail Herrick, Sales Mgr. Distribution Area: National No. Basic Plans: 9 Package Price: \$4,600 to \$6,900 f.o.b. Sales Policy: Franchised builders and individuals

Minimum Order: 5 per year

Delivery Time: 3 weeks from receipt of order

Financing: Sight draft bill of lading; assignment of construction

Description: Stressed skin roof panels. 35" plywood on 2 x 4 rafters with 14" plywood ceiling; floor panels 55" plywood subflooring on 2 x 6 joists with <sup>1</sup>/<sub>4</sub>" plywood ceiling; wall panels <sup>3</sup>/<sub>8</sub>" plywood on 2 x 4 studs; post and beam structural members; pre-hung doors; aluminum windows; kitchen cabinets; wardrobe units; hot water heating system furnished.

# MICHIGAN

# MICHIGAN LUMBER FABRICATORS, INC.

Elkton, Mich.

Contact: B. G. Wiley, Sales Dept. Distribution Radius: 800 miles No. Basic Plans: 15

Package Price: \$2,505 and up Sales Policy: Builders and franchised

dealers Delivery Time: 10 days from receipt

of order

Financing: 2% discount cash with order; net 50 days

(Continued on page F21)

F19



# THE "SOUTHLAND"

offers four family-size bedrooms, spacious living room, and attractive exterior styling. It is designed for easy selling in the Southern states.



# THE "PIONEER"

immensely popular contemporary plan, giving 3 bedrooms and versatile "family room" for a budget price. Several variations to eliminate monotonous look.





# THE "PILGRIM"

gives you the option of building a 4-bedroom, 2-bathroom home, or a 2-bedroom home with a spacious expansion attic. Delightful traditional design, modest price.





# THE "HIGHLANDS"

built on the outstandingly popular split-level plan, offers three familysize bedrooms, two complete baths, and an attractive recreation room —all at a very popular price.



Your competitors can imitate any floor-plan you use and come close to matching the price you ask. But they can't equal the quality you offer in an American House!

They can't equal the well-seasoned lumber . . . the precision cutting and fitting . . . the rock-solid engineering. A partially-finished American House is your best sales story, because customers can see the important quality differences.

You get extra value, too: more use from your capital, a longer building season, and the kind of advertising, promotional, and decorating help that assures fast sales.

**PROJECT BUILDERS**—American Houses is America's leading prefabricator of large housing developments. Write for details today. If you build east of the Mississippi, write today for more complete details on the American Way to bigger sales, better profits, and fewer building headaches!



Department AB-4, 165 West 46th Street New York 36, N.Y.

Description: Built un walls and partitions conventional framing, sheathing applied; trussed roof; pre-cut floor applied; trussed root; pre-cut noor system; doors pre-hung with hardware applied; window types, siding finishes, heating system and kitchen cabinets optional

# MODERN HOMES CORP.

14507 W. Warren Ave., Dearborn, Mich. Other plants at Port Jervis, N. Y.,

Ottumwa, Iowa Contact: H. M. Keller, Dir. of Adv. & Sales Prom

Distribution Radius: 400 miles No. Basic Plans: 14, 5 elevation varia-

tions of each

Package Price: \$5,000 to \$10,000 f.o.b. @ SERVICE HOME MFG. CO., Sales Policy: Builders, franchised builders

Minimum Order: 6 to 10 homes per

.

Delivery Time: 8 to 10 days from receint of order

Financing: C.O.D.-1%; 30, 60, 90 days net

Description: 2 x 4 studs, siding, insulation and windows installed; trussed roof; modern span floor system, steel joists with prefabricated panels; kitchen cabinets with sinks and one-piece counter tops; double-glazed windows; interior finish drywall or plaster; optional items; power operated windows, acoustical ceilings, air conditioning.

# NEW MOON HOMES, INC.

(Pre-Built Housing Div.)

Bridge St., Alma, Mich.

Contact: D. A. Curtis Distribution Radius: 300 miles No. Basic Plans: 3, reverses and vari-

ations for each Package Price: \$2,382 to \$7,075 f.o.b.

Sales Policy: Franchised dealers Minimum Order: 6 per year

Delivery Time: 7 days from receipt of order

Financing: Terms cash-30 days on letter of credit

Description: Room size panels, interior and exterior sheathing applied ; window openings cut; pre-hung doors; drywall, siding, windows installed on site. Plumbing, heating, duct work, kitchen cabinets and appliances optional.

# SECURITY HOMES MFG. CO.

1337 King Highway, Kalamazoo, Mich.

Contact: James E. Harper, Sales Mgr. **Distribution Radius: 300 miles** No. Basic Plans: 8, plus reverses and

elevation variations Package Price: \$3,200 to \$6,600 f.o.b. Sales Policy: Builders

Minimum Order: 5 per year, depending on area

Delivery Time: 2 weeks from receipt of order

Financing: 2% cash, 10 days: net 30 days

Description: Basic 4' panels with special panels as needed; windows and doors installed; roof trusses; siding and interior finish site applied; center parti-tion fabricated, balance precut; optional: prefabricated chimney, kitchen cabinets, storm sash and doors,

# SEMICO INC.

Seney, Mich.

Contact: Milo F. Gonser, Gen. Mgr.

Distribution Radius: 500 miles No. Basic Plans: 60: also custom Package Price: \$1,500 to \$10,000 f.o.b. Sales Policy: Builders or realtors. franchised dealers

Minimum Order: Based on territory Delivery Time: 10 days from receipt of order

Financing: 10 days, 2%; 20 days, net Description: Package contains beams, joist, bridging, plates, trusses, laminated wall panels; windows and exterior doors weatherstripped; all exterior and interior finishing materials; storage walls, decorative features and kitchen cabinets.

# INC.

395-54th St., S.W., Grand Rapids, Mich. Contact: Philip LeBlond, Sales Mgr.

Distribution Radius: 300 miles No. Basic Plans: 12, reverses included

Package Price: \$2,000 and up Sales Policy: Financially sound, es-

tablished builders Minimum Order: None

Delivery Time: Approximately 10 days Financing: 2%-15 days; net 30 days Description: 2 x 4 panels, windows and doors furnished; trusses and plywood panels for roof; shingles and siding; drywall or plaster board optional; cabinets: hardwood flooring; insulation for ceiling

# UNIVERSAL HOMES, INC.

3500 Guardian Building, Detroit 26, Mich.

Factories at Milan, Mich. Contact: Walter M. Dailey, Sales Prom. Mor.

**Distribution Radius: 350 miles** No. Basic Plans; 5 with 6 elevation

variations of each

variations of each Package Price: \$6,255 to \$4,000 f.o.b. Sales Policy: Franchised dealers; established builders Minimum Order: None Delivery Time: 10 days from receipt

of order Financing: 2%-10 days; interim

financing to 50 days system:

Description: Pre-cut floor sy wall panels built up 2' x 4'-16' windows and sidewall shingles installed; interior partitions, built up, no wall finish applied; roof trusses; kitchen cabinets, optional.

MINNESOTA

6200 Wavzata Blvd., Minneapolis, Minn.

Distribution Radius: 600 miles No. Basic Plans: 12, with exterior

Package Price: \$3,180 to \$5,150 f.o.b.

Delivery Time: 3 days from receipt of

Description: Homes are panelized us-

ing conventional framing of full dimen-

Contact: R. L. Nelson, Sales Mgr.

NORTHERN HOMES &

Sales Policy: Builders-dealers

Minimum Order: None set

Financing: On volume basis

LUMBER CO.

variations

sion lumber.

order

# PAGE & HILL HOMES, INC.

Shakopee, Minn. Other plants at Albert Lea and Waterville, Minn.

Contact: M. D. Clements, Dir. of Sales Distribution Radius: 950 miles No. Basic Plans: 43, all reversible Package Price: \$2,164 to \$5,800 f.o.b.

Sales Policy: Franchised dealers (builders or individuals) Minimum Order: None Delivery Time: 7 to 10 days from re-ceipt of order

Deposit with balance Financing: C.O.D., C.O.D. or bank guarantee

Description : Panels up to 32', conven-Description: Panels up to 32, conven-tional 2 x 4 framing, plywood sheath-ing, insulated, with interior gypsum finished; siding factory applied; con-ventional floor; roof and ceiling panel-ized; wood or steel kitchen cabinets supplied

# MISSISSIPPI

# CRAWFORD CORP.

Gloster, Miss.

Main Office: Baton Rouge, La.

THYER MFG. CORP. Collins, Miss.

Main Office: Toledo, Ohio

# MISSOURI

# HOME BUILDING CORP.

303 N. Park Ave., Sedalia, Mo.

Contact: G. W. Mefferd, V. Pres. Distribution Radius: 500 miles

No. Basic Plans: Unlimited

Package Price: \$4,900 to \$9,000

Sales Policy: Builders and franchised dealers

Minimum Order: Varies according to community

Delivery Time: 10 days from receipt of order; \$50 with order; \$350 prior to shipment; 15 days with letter confirm-ing loan; others C.O.D.

Description: Post and beam framing contemporary styling; floor coverings factory installed; house comes complete with utility core installed.

# MODULAR HOMES, INC.

Barrett Sta. & Dougherty Ferry Rds., Kirkwood 22, Mo.

Contact: G. W. Mefferd, V. Pres.

**Distribution Radius:** 600 miles No. Basic Plans: Unlimited

Package Price: \$4,900 to \$9,000 f.o.b.

Sales Policy: Builders-dealers Delivery Time: 10 days from receipt

of order Financing: \$50 with order; \$350 prior to shipment; 15 days with letter con-

firming loan; others C.O.D. Description: Post and beam framing with fabricated interchangeable exterior panels, sided with windows and doors; all interior cabinets and storage walls ready for job assembly; interior partition walls assembled ready for finish.

See advertisement page F36



L-shaped = 3 Bedroom = bath half-basement home attached garage 1 m

# 1144 sg. feet of living area in this 47' 8" x 36' home.

This Inland Home offers everything ! A spacious living room, a dining room, an L-shaped kitchen, bath and a half, 3 generous sized bedrooms, a roomy 36' x 24' basement, and attached garage.

One model has a fireplace, another a porch. All have distinguished roof designs, including several with the unusual scotch hip roof.

Inland engineering and construction know-how let you erect this home at a lower cost than any other home with comparable features. Write us for complete information using your letterhead. Wire or phone for appointment. Phone 3880.

- 52 m

· One Model with Porch

• Wide Roof Projections

• Wrought Iron Columns

. Full Sized Dining Room

· Bevel Siding

· Flower Boxes

Shutters

Double Course Cedar Shakes

· Distinguished Roof Designs

Decorator Colors Inside and Out



- Distinctive Designs
- · Finest Engineering
- Conventional Type Construction • Highest Quality Materials
- Precision Manufacturing
- Beautiful Exteriors
- Well Planned Interiors
- Spacious Rooms
- · Large 36' x 24' Basement
- Oversized Wardrobes
- Aluminum Double Hung Windows
   Iarge Dining Space in Kitchen • Large Picture or Panorama Window • Window over Kitchen Sink
- Aluminum Double Fail Insulation

C.822.G

C-825-G

ING ROOM

GARAGE

Available in

right or left

hand models

C-823-G

C . 921 .C

INI THE

BED ROOM

LIVING ROOM

----

C.820.G

BED ROOM

MATH

BED ROOM

Choice of

6 exteriors

- Insulated Sheathing
- Hardwood Floors
- · Birch Flush Doors
- Mechanical Folding Door
- Extra Wall Space for Furniture
- Arrangement
- L-shaped Kitchen
- Attached Garage

- Enameled Steel Kitchen Cabinets
  - with Formica Counter Tops
- Quality Hardware—Complete
- Gypsum Drywall Interior
- · Bathroom and a Half • Recessed Bath Space
- Linen Closet in Bathroom • One Model with Fireplace



501 College St. P. O. Box 915 Piqua, Ohio, Phone 3880



AMERICAN BUILDER

### WILSON HOMES, INC. P

10401 Trongate Place, St. Louis, Co. 20, Ma

Contact: Richard E. Stoughton, Sec. Fron

Distribution Radius: 250 miles No. Basic Plans: 15 with 6 optional elevations of each

Package Price: \$2,850 and up

Sales Policy: Established builders

Minimum Order: 1 Delivery Time: 7 days from receipt of order

# Financing: C.O.D.

Description: Panels built from dimensional lumber with insulating sheathing applied: windows installed; floors, 2 x 8 construction with  $\frac{1}{2}''$  plywood sub-floor; roof trusses with  $\frac{3}{5}''$  precut plywood; siding, drywall, kitchen cabinets, garbage disposal, range hood, tub enclosure, bathroom accessories all optional

# MONTANA

# NATIONAL LOG CONSTRUCTION CO.

Box 765, Thompson Falls, Mont. Contact: Stephen D. Babcock, Gen.

Mgr.

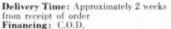
**Distribution Radius:** 500 miles No. Basic Plans: Homes are built from

customer's plans Package Price: \$1.500 to \$5.000 f.o.b. Sales Policy: Builder-dealer and individuals

Minimum Order: 3 per year

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Description: Package is composed of following: turned logs with t & g, precut for exterior walls; interior partitions, logs or paneling; all roof struc-ture material, including log rafters, ture material, including log rafters, purlins and braces; all window and door jambs with sills and exterior halflog trim

# NEBRASKA

# PERMCO MANUFACTURING CO.

Perma-Bilt Homes, Peru, Neb.

Contact: Peter Holdorf, Pres.

Distribution Area: Neb.; Iowa; Mo.; Kan.; Col.; S. Dak. No. Basic Plans: 15: also individual

design

Package Price: \$3,500 to \$8,000 and

Sales Policy: Builders and franchised doalar

Minimum Order: 1 per month Delivery Time: 14 days from receipt of order

Financing: C.O.D.

Description: Floor ready cut: walls, room sized panels; partitions framed; roofs either ready cut or trussed; in-terior finish dry wall or lath and plaster; insulation and siding installed on job.

# NEW JERSEY

# PRESIDENTIAL HOMES. INC.

Pemberton, N. J.

Contact: Albert Nylund, Jr., Vice Pres. Distribution Area: Within 300 miles of New York City

No. Basic Plans: 45 Package Price: \$1,800 to \$5,000 f.o.b. Sales Policy: Sell only to qualified huilders

### Minimum Order: None

Delivery Time: Three weeks from receint of order

Financing: 30 to 60 days, depending on financial report

Description: Floor system precut, plywood sub-floor; wall panels conventional framing, insulation and sheathing ap-plied; windows and doors in panels; pre-assembled gable ends; pre-cut rafters; siding, roofing furnished by builder on job.

# **RIVIERA LUMBER &** SUPPLY CO.

Rt. 70, Brick Township, Laurelton, N. J.

Contact: Robert K. Hamilton, Pres. **Distribution Radius:** 50 miles No. Basie Plans: 6

Package Price: \$2,100 to \$8,000 f.o.b.

Sales Policy: Builders, individuals Minimum Order: None

Delivery Time: 15 to 20 days from receipt of order

Financing: Will arrange financing for ourchaser



Description: Homes are panelized with unlimited variety of exterior finishes available. Basic plans may be used or panels may be interchanged to fit custom styled home.

Route 22, Somerville, N. I.

Contact: N. Burscher, Sales Mgr. Distribution Area: New Jersey No. Basic Plans: 20

Package Price: \$3,000 to \$7,000 shell delivered & erected Sales Policy: Builders-dealers-individ-

mals

Delivery Time: 3 to 4 weeks after order Financing: Varies with dealers

# NEW YORK

# ALLEGHANY HOMES CORP.

26 Copeland Ave., Homer, N. Y.

Contact: Mrs. Ingersoll, Office Mgr. Distribution Area: New England and Middle Atlantic

No. Basic Plans: 22 basic with reverses and variations

Package Price: \$3,000 to \$7,000 f.o.b. Sales Policy: Franchise dealers

Minimum Order: None Delivery Time: 2 weeks from receipt

of order

Financing: Site draft & assignment Description: Stressed skin construc-tion of walls, ceiling and roof; conventional floor; doors and windows installed in panels; gypsum board factory applied; siding and roofing site finished; cabinets and miscellaneous items included in package; optional; plumbing, heating, porches, garages and carports.

WELL BUILT MFG. CO., INC. @ AMERICAN HOUSES, INC.

165 W. 46th St., New York 36, N. Y. Other Plants at Allentown, Pa.: Cookeville, Tenn.; Lumberton, N. C. Contact: F. T. Talcot, Service Mgr. Distribution Radius: 350 miles No. Basic Plans: 30, plus reverses & 4 to 6 front variations Package Price: \$2,000 to \$10,000 f.o.b. Sales Policy: Franchised builder-dealer; large projects to builders Minimum Order: No minimum Delivery Time: Approximately 1 week from receipt of order Financing: 30 days Description: Wall panels conventional construction usually 48' stud wide

windows and doors installed; roof trusses or rafters with precut plywood sheathing; floor panels with joist and plywood sub-floor, usually 48" wide; all finish, interior  $(\frac{1}{2})^{"}$  gypsum) and ex-terior installed on job; options: kitchen cabinets, bath accessories, vanitories, medicine cabinets, etc.

See advertisement page F20

# BUSH PREFABRICATED STRUCTURES, INC.

Huntington Station, Long Island, N. Y. Contact: Bruce Williams, V. Pres. Distribution Radius: 300 miles

Are contract manufacturers of prefabricated housing for established manufacturers. Sales made only to established Prefabricated Home Manufacturers. **Description:** Conventional construction

in panelized form; walls, partitions fully assembled; roof trusses, roof and floor panels; also manufacture prefabricated schools and churches.

# IVON R. FORD, INC.

Mc Donough, N. Y.

Contact: H. C. Belmore, Sales Mgr. Distribution Radius: 250 to 300 miles radius from plant

No. Basic Plans: 50, with exterior variations

Package Price: \$3,000 to \$9,000 f.o.b. Sales Policy: Franchised Dealers Minimum Order: Depends on area

Delivery Time: 14 to 21 days from receipt of order

Financing: 24% with order: 2%-10 das. of delivery Description: Finished hardwood floor .

panels for full basement; wall panels complete with windows and doors, rough wiring, insulation and interior wallboard; roof panels and truss assembly allows for attic space; kitchen cabinets and heating available as optional items.

# METROPOLITAN HOMES, INC.

Huntington, Long Island, N. Y. Main Office: Springfield, Ohio



AMERICAN BUILDER

# <section-header><section-header><text><text>

# Here's why as a DOUGLAS HOMES DEALER you'll make more money than ever before

- TREMENDOUS SAVINGS IN CONSTRUCTION COSTS—Fastest and easiest to erect...with least carpenter hours required, of ony homes ever designed. Walls go up easily in sections...under roof by night.
- PRICED BELOW COMPETITION—yet the most complete line of superior constructed, custom-crafted 3-bedroom homes ever affered. Individually styled—with 18 basic floor plans...26 elevations... over 150 variations for your customers to choose from.

For 10 times faster capital turnover than with conventional construction, build-sell DOUGLAS HOMES... with such outstanding features as: all Western woods... all framing  $2 \times 4$ 's or larger; 16" centers... (exclusive) self-supporting hip-roof trusses, min.  $2 \times 6$ 's... (exclusive) all window and door headers two  $2 \times 12$ 's back-to-back... (exclusive) 4 ft. roof overhang available. All these and other exclusive features, backed by our MILLION DOLLAR BOND direct from bonding company to your customer gives him the confidence in you that makes for easy sales.

DOUGLAS HOMES exceed FHA and VA requirements... present no code problems... are immediately available from modern million dollar plant. AND you're backed by a 25 year established firm staffed to aid you with plans, specifications, financing counsel, sales help... in fact any problem that may arise. You'll be proud to build-sell DOUGLAS HOMES BACKED BY THE MILLION DOLLAR BOND that guarantees those hidden values your customers can't see.



Springfield 14, Illinois • Phone 4-2739



SEND FOR FACTS NOW ON VALUABLE FRANCHISE PHONE OR WIRE (Collect), or write, for complete details to: A. H. Lubin, President, Douglas Homes Co.... Phone 4-2739

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# **SEE 30 MILLION DOLLARS**

# VISIT ANY U.S. STEEL HOMES DEALER AND WATCH HIM INTRODUCE

# THE bride's

# WANT TO SEE HOW TO MAKE MONEY FAST?

Just go out and watch any U. S. Steel Homes Dealer promote the Bride's House of 1956. Yes, we're repeating the Bride's House Promotion again this year. Only we're doing

it bigger. Why? Because it was such a resounding success last year. Over 2,000 happy homemakers spent \$30,000,000 for Bride's Houses in 1955.

# LOTS OF MONEY TO BE MADE

National advertising in magazines like Life, April 16; House Beautiful's Guide for the Bride, Summer Issue; Small Homes Guide, Summer-Fall issue; Living for Young Homemakers, May; and Parents', April . . . commercials on the United States Steel Hour . . . and full-color ads in local newspapers help cut dealer sales costs. Cooperation from suppliers, banks, utilities, stores, and shops helps too.

# YOU COULD BE PART OF IT

Some dealers, with the help of these promotions, are able to cut their sales cost to less than 1%. And, compared to what they were doing before joining U. S. Steel Homes, many have *doubled or tripled* the value of their businesses. Just because they can build faster, sell faster, and turn their money over faster as U. S. Steel Homes Dealers. We can help you do the same. Let us prove it. Write United States Steel Homes, Inc., Market Development Division, New Albany, Indiana.

And be sure to see the Bride's House Promotion in your area. See how we can help you to sell more homes. WATCH FOR IT APRIL 22



# IN THE MAKING!

# house of 1956



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# Offer your buyers a LIFETIME FOLLANSBEE TERNE ROOF

The most important structural feature of your homes .... is the roof-because it's the roof that provides shelter which is the primary function of a house.

You can make the roof the most important SALES FEATURE of your homes too if you point this fact out to your buyers and provide a lifetime FOLLANSBEE TERNE roof.

And in addition to its permanence, a terne roof offers them modern design features, greater reflectivity, color and safety from fire and, properly grounded, from lightning.

Remember too, a terne roof weighs only about 70 pounds per square, giving you the opportunity to save on the sub-structure.

Ask your sheet metal contractor about terne roofs. He'll tell you that a terne roof is a roof you can really sell. Terne is tops for gutter, conductor, valleys and flashing too.





MODERN HOMES CORP. Port Jervis, N. Y. Main Office: Dearborn, Mich.

NATIONAL HOMES CORP. Horseheads, N. Y. Main Office: Lafavette, Ind.

# NORTHERN HOMES, INC. 20 Ridge St., Glens Falls, N. Y.

Other plant at Chambersburg, Pa. Contact: T. I. Fastwood, Gen. Mar. Distribution Radius: 500 miles No. Basic Plans: 100 including re-

ore Package Price: \$2,100 to \$7,000 f.o.b.

Sales Policy: Builders: Franchised dealers

Minimum Order: Depends on area Delivery Time: 7 to 28 days, depending on time of year

Financing: C.O.D. or 30 das., if properly secured

\*

Description: Homes are combination of prefabricated and pre-cut; exterior, interior walls, door sections and floors are factory assembled into sections; rafters, joists, ties, etc., precut to size,

# NORTH CAROLINA

AMERICAN HOUSES, INC. Lumberton, N. C.

Main Office: New York, N. Y.

# OHIO

ACACIA LUMBER CO. 1522 N. Dixie Dr., Dayton 4, Ohio

Contact: Alex P. LeVay, Owner Distribution Area: Ohio

No. Basic Plans: 11 Package Price: \$2,000 to \$10,000 f.o.b. Sales Policy: Builders & consumers

Minimum Order: None Financing: 2%, 10 days; 30 days, net. Description: Specialize in custom fabrication from builders plans; floor system precut; wall panels conventional framing in wall size units: siding applied in factory; interior finish and trim, kitchen cabinets and sink furnished.

# **CONTINENTAL HOMES, INC.** 1800 State Line Rd., Toledo 12, Ohio

Contact: Arthur W. Amsler: Sales Mgr. **Distribution Radius:** 400 miles No. Basic Plans: 8 basic, 3 elevations for each

Package Price: \$2,900 to \$5,900 f.o.b.

Sales Policy: Builder-dealers Minimum Order: Variable-minimum

Delivery Time: 14 das, from receipt of order

Financing: 2%-C.O.D. or Bank letter Description: Wall panels conventional framing with sheathing applied; win-dows and doors installed in panels; full length built-up gables; trussed roof with 1/2" plywood sheathing; interior with 1/2" plywood sheathing; interior partitions in sections; gypsum board interior finish; factory built wardrobe closets



- We furnish complete factory-built homes with flexible design to meet your customers' individual home needs. You handle erection, utilities.
- Home-Way stays ahead of the field. Modern low-roof line (see illustration) --New Split-Level for 1956-Latest Ranch Types, plus many standard models.

HOME-WAY was featured by Look Magatrine, Pre-Fab In't. Jrl. as one of top 15 firms in field.

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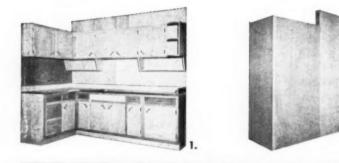
- Meet requirements of modern building codes. Quality material, carefully processed, rapid delivery. Meet FHA, V.A. requirements.
- Personal dealer's service includes planning, estimating individual features into custom-designed "package". Cooperative advertising support.

We can help you get the "hard-to-sell" prospects and make better profits — easier! GBH-WAY HOMES, Inc. Dept. AB • Walnut, Illinois





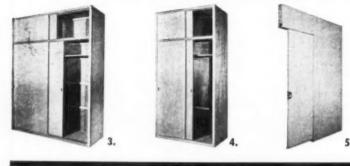
# **COOPER HOMES INTERIORS**



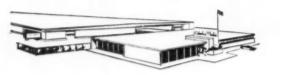
Profit makers. You can get more profit per home out of the homes you're now building and increase your completions many fold by using Cooper Homes Interiors. Sales too are accelerated. Cooper Homes Interiors are finished with furniture quality Philippine Mahogany, delivered to your site in our own trucks completely assembled ready for installation.

We'll design and manufacture complete interiors, everything but the perimeter walls, for the plan you're now using. Or you may build from any of our plans without additional cost. The individual units are also available separately. Our program is completely flexible . . . easily adaptable to fit your situation. Here are a few of the units now being used by builders all over the central United States.

4





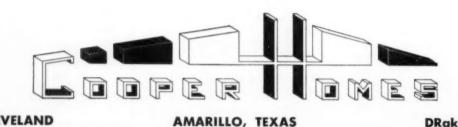


# 1. Kitchen Cabinet (Right or Left return)

- Decorative Wall Section
   6' Wardrobe Closets
- 4. 4' Wardrobe Closets
- 5. Bed Room Door-Wall Sections
- 6. Hegter Closet
- 7. Linen Closet
- 8. Bath Room Vanity with Mirrors
- 9. Tub Shower and Wall Section (one unit)

We invite you also to investigate Cooper Homes "Profit Package." This includes finished homes, neighborhood planning . . . with color coordination, too, if you want it . . . and a complete interim and mortgage financing program.

If you're building within 700 miles of Amarillo, get with us now. We've just recently expanded, and offer unlimited builder-dealer opportunities. Wire, write or call now. There's a representative near you, ready to explain the entire program.



820 CLEVELAND F30

AMERICAN BUILDER

**DRake 3-6431** 

# EXPAN HOMES, INC.

15411 Chatfield, Cleveland, Ohio Contact: Minor F. Monroe, Sales Mgr. Distribution Radius: 300 miles

No. Basic Plans: 9 Package Price: \$2,950 to \$5,500 f.o.b.

Sales Policy: Builders Delivery Time: 10 to 14 days from re-

Financing: C.O.D.

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Description: Wall panels prefabricated with double-course shakes applied: 3 types roof trusses; gable ends; interior partitions prefabricated with pre-hung doors; dimensional items such as floor joist, sub and finish flooring, drywall and roof sheathing furnished.

See advertisement page F32

# HERITAGE HOMES

19620 Nottingham Rd., Cleveland, Ohio

Contact: R. E. Grigsby, Dept. Mgr. Distribution Radius: 500 miles No. Basic Plans: 12, 4 elevations and reverses for each

Package Price: \$2,500 to \$9,500 f.o.b. Sales Policy: Builders, franchised Minimum Order: 12, minimum on

franchise Delivery Time: 3 to 5 days from in-

ventory Financing: C.O.D.-letter of credit-

interim financing Description: Framed panels 2 x 4 construction with sheathing, windows, doors installed; interior panels framed with doors prehung; roof trusses and gables; plaster or drywall interiors, siding 3896 MAHONING AVE . YOUNGSTOWN, OHIO ing, air conditioning, optional.

# HUBER HOMES

631 E. Stroop Rd., Dayton 9, Ohio Distribution Area: 300 miles radius

No. Basic Plans: 8

Package Price: \$3,250 to \$3,950 f.o.b. Sales Policy: Established builder or realtor

Delivery Time: 2 to 3 days from receipt of order

Financing: Letter of credit; 2% cash; interim financing

Description: A packaged home using pre-assembled framing components, panels and sections. All exterior walls of brick veneer.

# INLAND HOMES CORP.

501 S. College St., Piqua, Ohio

Contact: R. E. Hunsaker, V. Pres. Distribution Area: All States east of @ MIDWEST HOUSES, INC. (1000 miles radius) No. Basic Plans: 66 models including

Package Price: \$2,000 to \$7,000 f.o.b.

Sales Policy: Builder-dealers only Minimum Order: 1 per month Delivery Time: 1 to 3 weeks from re-

ceint of order Financing: Interim financing or C.O.D.

**Description:** Conventional exterior panels, 2 x 4, 16" o.c. insulated sheath-ing, double-course cedar shakes, factory applied; aluminum double-hung windows, weatherstripped doors, installed at factory; interior partitions 2 x 4 16' o.c., gypsum drywall applied on job: roof trusses all roofing materials; conventional pre-cut floor systems; steel kitchens; all hardware.

See advertisement page F22

# APRIL 1956

# INTERNATIONAL HOMES.

INC. 3896 Mahoning Ave., Youngstown, Ohio,

Also plant at Mineral Ridge, Ohio

Contact: E. B. Osterhout, Sales Mgr. Distribution Radius: 300 miles

No. Basic Plans: 14 Package Price: \$2,190 to \$4,050 f.o.b. Sales Policy: Builder-dealer

Sales Policy: Builder-dealer Minimum Order: None Delivery Time: Approximately 2 weeks

from receipt of order Financing: C.O.D. or Letter of Credit Description: Panels conventionally built-factory assembled-of standard materials; roofs panelized, some models with trusses; windows and doors installed in panels, siding applied; interior finish applied on job; furnaces and kitchen cabinets optional.

See advertisement page F29



Space Saver and Contemporary Homes **Basic Shells or Complete Packages** Land Planning and Development Assistance

FHA and VA LOW DOWN Payment Mortgages available together with

construction funds. Catalog available on request

Vernational

# METROPOLITAN HOMES. INC.

721 W. Columbia St., Springfield, Ohio Other plant at Huntington, L. I., N. Y.

Contact: Chas E. Fry, Pres. Distribution Area: Midwest, Eastern

and New England States No. Basic Plans: 5; more than 1000

variations and plans available. Package Price: \$2,800 to \$6,000 f.o.b. Sales Policy: Builders with sales and financing knowledge

Minimum Order: None Delivery Time: 7 to 30 days from re-ceipt of order

Financing: Letter of credit: 5 days 2%

Description: Conventionally framed home in panels with exterior finish and windows installed; prehung and pretrimmed doors with package; optional features: heating, cabinets, decoration variations, etc.

P.O. Box 334, Mansheld, Ohio

Contact: Charles A. Swain, V. P. Sales **Distribution Radius: 300 miles** No. Basic Plans: 8; reverses and variations for each

Package Price: \$4,000 to \$7,000 Sales Policy: Builders who are ex-perienced and financially qualified

Minimum Order: None to franchise dealers

Delivery Time: 20 days from receipt of order

Financing: 2% C.O.D.; 1%, 10 days Description: All framing materials furnished precut, with floor deck, insulated exterior partitions, interior partitions; panels conventional framing with windows and doors installed; kitchen cabinets and all trim items.

# THE PANA HOUSE, INC.

18320 Lanken Ave., Cleveland, O. Other plant: Pierson Lumber Co., Cincinnati, O.

Contact: Ralph Harper, Sales Mgr. Distribution Radius: 100 miles radius from plant

No. Basic Plans: 50

Package Price: \$2,600 to \$9,000 f.o.b. Sales Policy: Builders and individuals Minimum Order: None Delivery Time: 10 days after receint

of order

Financing: 2%-10 days: 30 days net Description: Exterior panels 2 studs, 16" o.c. with insulated sheathing applied, lengths up to 12'; interior panels room size 2 x 4 studs, 16" o.c.; windows, doors, siding and interior finish applied at job site; precut rafters --trusses and gable ends--stairs, roof overhang plant fabricated; kitchen cabinets included all models

# PEASE WOODWORK CO.

Pease Home Division 200 Forrest Ave., Hamilton, Ohio

Contact: George R. Smith, Adv. Mgr. **Distribution Radius:** 500 miles

No. Basic Plans: 34 Package Price: \$2,811 to \$9,761 f.o.b.

Sales Policy: Builders or individual home owners

Minimum Order: None

Delivery Time: 14 das. from receipt of order

Financing: 2% for cash with order

Description: Floor materials precut with plywood sub-floor; conventional framing for all exterior and interior walls, in easily handled panels; roof trusses with plywood sheathing; roofing and siding furnished; drywall or lath for interior finish; all interior trim items including kitchen cabinets and bath accessories.

# RAY-MEL HOMES, INC.

500 North Stanwood Rd., Columbus, Ohio

Contact: Ian S. Seeds, Sales Representative

Distribution Radius: 200 miles

No. Basic Plans: Unlimited Sales Policy: Bona fide contractors

only Minimum Order: None

Delivery Time: 10 days from receipt of order

Financing: 2% cash with order; 1% C.O.D.; net on letter of assignment

Description: Floor system precut; ex terior walls fabricated in panels with windows, exterior finish applied; as-sembled roof trusses and gable ends; interior partitions preassembled; all interior finishes and trim furnished. System is designed to provide component panels for any plan to builders specifications.

# SCHOLZ HOMES, INC.

2001 N. Westwood; Toledo, Ohio

Contact: David C. Chambers, V.P. Chg. of Sales

**Distribution Radius:** 700 miles No. Basic Plans: 166 including reverses

Package Price: \$4,000 to \$13,000 f.o.b. Sales Policy: Qualified Builders on informal franchise basis

Minimum Order: No minimum Delivery Time: 2 weeks from receipt of order

SPACIOUS LIVING-STUDIO LIVING ROOM

3 BEDROOMS . . . ATTACHED GARAGE

SUCCESSFUL

BUILDERS

AGREE!

# EXPAN IS THE PROFIT

PLAN!

0 = 13

11VING DIP

OR COURT

EXPAN HOMES, INC. offers a pre-engineered, pre-planned panelized constructed line of outstanding homes. *Consumer choice* of over 100 elevations varied floor plans — wide price range all three bedrooms!

SUCCESSFUL SALES RESULTS from builders\* throughout Ohio, New York, Indiana, Michigan, Pennsylvania and West Virginia is your insurance that "Expan is the Profit Plan".

DESIGN, FINEST MATERIALS proven sales — low labor costs plus sales insurance with pre-tested and proven publicity, promotion and advertising!

**EXPAN OFFERS** F.H.A. and V.A. approval — land planning field service — on site erection supervision — individual color planning — assistance in procuring financing proven advertising program!

DEALER FRANCHISES available in select areas! Write today for complete information.

EXPAN HOMES, INC.

\*Successful Builders' Cose Histories on request. FOR COMPLETE DETAILS: WIRE - WRITE - TELEPHONE WINTON 1-6900

AVAILABLE IN BASEMENT

15411 CHATFIELD AVENUE . CLEVELAND 11, OHIO DEPT. A

Financing: 2% C.O.D.; 15 days net; have Acceptance Corporation Description: Completely packaged home, 30% preassembled; prefinished floor, wall and roof units; built-in

plumbing, heating and electrical components; interior decorating service furnished. See advertisement page F12

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### STYLE-RITE HOMES CORP. 659 Marion Rd., Columbus 7, Ohio

Contact: W. J. Kuehnel, V. Pres. Sales Distribution Radius: 600 miles No. Basic Plans: 10

Package Price: \$2,200 to \$4,500 f.o.b. Sales Policy: Builders dealers

Minimum Order: 10 per year Delivery Time: 14 days from receipt of order

Financing: 2% C.O.D. or net Bank Letter of Credit

Description: Panels conventionally framed with siding or shakes applied; windows installed; glued and nailed trusses for conventional and fabricated roof panels for post and beam construction; pre-hung doors; hardware, medicine and kitchen cabinets included.

# THYER MFG. CORP.

2857 Wayne St., Toledo, Ohio

Other plants at Columbus, Ohio & Col-

lins, Miss, Contact: Norm Wiebusch, Dir. of Sales **Distribution Radius:** 700 miles

No. Basic Plans: 27 Package Price: \$2,400 to \$7,000 f.o.b. ADMIRAL HOMES, INC.

Sales Policy: Builders Minimum Order: None

Delivery Time: 14 days from receipt of order

Financing: 50 day Interim Finance; 2% COD

Description: Exterior walls with siding: interior partitions unfinished: roof trusses; storage walls; precut floor materials.

# SWEAKLEY MFG. CO.

S. 26th & Buckeye Sts., Newark, Ohio

Contact: Clen R. Richcreek, Ass't. Sales Mor.

Distribution Radius: 350 miles No. Basic Plans: 14, variations avail-

able Package Price: \$3,000 to \$10,000 f.o.b.

Sales Policy: Non exclusive; Fran-chised builder-dealer Minimum Order: None

Delivery Time: 2 to 3 weeks from receipt of order

Financing: 1/2% cash discount; 15 days net

Description: Up to 24' panels, conventionally framed; insulating sheathing, siding, drywall factory applied; electric boxes and pull wires in place; aluminum windows, doors installed and cased; plumbing and interior paint optional

# OKLAHOMA

# SOUTHERN MILL & MFG. CO.

P.O. Box 1087, Tulsa, Okla. Contact: James Fish, Sales Distribution Area: Midwest and Southwest

No. Basic Plans: 15, all reversible with variations Package Price: \$3,500 to \$6,000 f.o.b.

APRIL 1956

Minimum Order: Varies with conditions

Delivery Time: 2 to 3 weeks from receipt of order

Financing: 10 days, 2%; 30 days net Description: Conventional floor framing; windows, doors, gypsum board and hardware installed on 4' wide wall panels; ceiling panels and roof trusses; sub-floor and sheathing plywood; ex-terior surfaces offered in optional materials; no plumbing, heating, wiring or paint furnished.

# OREGON

# WESTWOOD HOMES, INC. P.O. Box 126, Beaverton, Ore

Contact: C. A. Reynolds, Sales Mgr. Distribution Area: West Coast, Southwest, Midwest

No. Basic Plans: 5 Package Price: \$2,100 to \$4,000 f.o.b. Sales Policy: Franchised dealers Minimum Order: 20 per year

Delivery Time: 20 days from receipt of order

Financing: 30 days net Description: Panels all 12' in length; all exterior siding applied; Birch cabinets, counter tops, vanities optional.

# PENNSYLVANIA

300 Mt. Lebanon Blvd., Pittsburgh 34, Pa.

Contact: James J. Gallagher, Gen. Sales Mgr

Distribution Radius: 500 miles No. Basic Plans: 125

Package Price: \$2,500 to \$12,000 f.o.b. Policy: Builders-franchised Sales dealer

Minimum Order: 5 per year Delivery Time: 7 to 14 days from receipt of order

Financing: 30 days letter of credit; financing available for 10 or more units through acceptance corporation

Description: Structural framing ex-terior walls with sheathing; siding or shakes applied; windows installed; floor system precut; trusses or precut roofs; interior walls finished on site.



AMERICAN HOUSES, INC. Allentown, Pa.

Main Office: New York, N. Y.

**CLIFF MAY HOMES** Lancaster, Pa. Main Office: Los Angeles, Calif.

Contact: Chas. D. Rissell, V. P. Sales Distribution Radius: 300 miles No. Basic Plans: 24

Package Price: \$2,800 to \$7,600 f.o.b. Sales Policy: Franchised builder-dealer Minimum Order: Varies with territory Delivery Time: 10 days from receipt of order

Financing: Cash, C.O.D. or bank letter Description: Panels up to 32' in length with siding factory applied; no interior wall finish applied; windows installed; trussed roof, full length floor joist, plywood subflooring, kitchen cabinets included; plumbing and heating package optional.

# FRANKLIN THRIFT HOMES, INC.

Box 631, State College, Pa.

Contact: Carl E. Temple, Gen Sales Mgr.

**Distribution Area:** National

No. Basic Plans: 65

Package Price: \$1,200 to \$8,900 f.o.b. Sales Policy: Franchised dealers and developers

Minimum Order: One per year on

trial basis Delivery Time: 15 days from receipt

Financing: Cash 2%; 30 days net; letter of credit

Description: Basically a modular sys tem with structure conventionally framed; exterior panels have  $\frac{1}{2}$ " inconventionally sulation board sheathing with window and door openings cut; precut floor joist and subfloor furnished; all structural elements furnished with the exception of masonry and labor; plumbing, heating and kitchen cabinets optional.

# HILCO HOMES CO.

70th St., off Essington Ave., Philadel-phia 42, Pa.

Contact: Daniel M. Gurst, Sales Mgr. Distribution Radius: 250 miles

No. Basic Plans: 29, with 21 variations of each

Package Price: \$2,500 to \$6,200 f.o.h. Sales Policy: Builders, franchised dealers, individuals

Minimum Order: 50 per year

Delivery Time: 7 to 10 days from receipt of order

Financing: Individual financing up to 90 days with commitment-5 year plan Description: Basic sections 4' wide, 8' high; twin and triple window sections up to 13'; pre-cut joists, rafters and studding; door openings prefabricated, windows and doors installed on job; roof sheathing, roofing and siding applied on job; plumbing, wiring, heating optional.

# NORTHERN HOMES, INC.

Chambersburg, Pa.

Main Office: Glens Falls, N. Y.

# SWIFT HOMES, INC.

1 Chicago Ave., Elizabeth, Pa. Contact: J. J. Levin, Sales Mgr. Distribution Area: All areas east of the Mississippi, North to New England

States, South to Florida No. Basic Plans: 13; 4 floor plans for

each model plus reverses Package Price: \$1,395 to \$4,465 f.o.b. Sales Policy: Franchised dealers with protected territories

# ... how PRECISION HOMES

# builds customers and profits for YOU in this

# 5 state area...

# Bigger . . . Quicker Profits

Designs for every class of buyer, exclusive Pan-L-Pac system, and close cooperation with franchise holders, is making bigger profits faster for builder-dealers throughout this five state area.

The Berkeley

The Franklin bedrooms, bath-and-a-h

# COORDINATED DELIVERY

ILLINOIS

On the site delivery is timed to fit into working schedule. Costly delays are avoided and smooth schedule assured.

# FACTORY COOPERATION

The availability of a factory representative to help in paper work, assist in obtaining financing, and in advising means more time to devote to building.

# HIGHER VALUATION

The fine features of Precision Homes encourages generally higher valuations thus making it easier for the customer to buy.

# LOWER INVESTMENT

With the exclusive Precision Homes Pan-L-Pac system there are no purchasing problems, no warehousing, no inventory, and less invested capital.

# Franchises Available

OHIO

VDIANA

KENTUCKY

Lucrative franchises are available in Michigan, Illinois, Indiana, Ohio and Kentucky.

The Brookhaven

half

3 had

The Brentwood 4 bedrooms, bath and-a-hal

The Washington

The Chalet





PRECISION HOMES 5235 Winthrop Avenue, Indianapolis 5, Indiana I am interested in your program. Please send me

Nome

Address

Full details on your builder-dealer franchise.

Brochure of home designs and floor plans.

ACME BUILDING MATERIALS, INC.

5235 WINTHROP AVENUE INDIANAPOLIS 5, INDIANA

DIVISION OF

Minimum Order: Individual quotas Delivery Time: 7 to 10 days from receipt of order Financing: Handles all financing trans-

actions

Description: Homes are designed with all components packaged and marked for owner erection: carports, breezeways and integral garages optional; homes sold on no down payment plan.

# UNITED STATES STEEL HOMES, INC.

Harrisburg, Pa.

Main Office: New Albany, Ind.

# SOUTH CAROLINA

# BERKELEY MFG. CO.

208 Cherry Ave., North Charleston, S. C. Contact: M. M. MacLennan, Sales Mgr.

Distribution Radius: 300 miles No. Basic Plans: 8 including reverses Package Price: \$3,000 to \$4,500 Sales Policy: Builders—franchised

dealers

Minimum Order: Flexible, depending on area

Delivery Time: 20 days from receipt of order

Financing: C.O.D.

Description: Plywood sheathed ex-Description: Plywood sheatned ex-terior panels, doors and windows in-stalled; roof trusses, plywood sheathing precut; conventional floor system with variety if floor finishes; trim, gypsum board, insulation, siding, kitchen cabinets, roofing, screens and hardware furnished for job installation; heating and air conditioning optional.

# TENNESSEE

# AMERICAN HOUSES, INC. Cookeville, Tenn.

Main Office: New York, N. Y.

# G FAIRHILL, INC.

2165 Latham, Memphis, Tenn.

Contact: Philip McCarthy, Sales

Distribution Radius: 550 miles No. Basic Plans: 12, all reversible with variations

Package Price: \$2,000 to \$8,600 f.o.b. Sales Policy: Builders; sound financially

Minimum Order: One if possibility of repeat order

Delivery Time: 5 days after approval by FHA or VA

Financing: Deposit plus payment as delivered

Description: No floor framing; room size panels sheathed containing pretrimmed windows; prehung doors; drywall; millwork; roof framing, sheath-ing and roofing; insulation; hardware; light fixtures; specialties; paint, hard-wood and heating optional.

# TEXAS

**CLIFF MAY HOMES** Dallas, Texas

Main Office: Los Angeles, Calif.

**COOPER HOMES SALES CO.,** INC.

820 Cleveland St., Amarillo, Texas Contact: Donald V. Livoni, Gen Sales Mgr.

Distribution Radius: 600 miles No. Basic Plans: 5 basic, each includes 4 floor and 3 elevation variations

Package Price: \$4,050 to \$5,650 f.o.b. Sales Policy: Sales only to builderdealers

Minimum Order: 20 houses per vear Delivery Time: 30 days from receipt of order

Financing: Terms net 5 days after arrival; interim financing available

Description: Package includes building materials from foundation with exception of plumbing, heating and electrical. Perimeter wall sections panelized with insulation applied and windows in place; roof trusses, plywood sheathing pre-cut; roofing, asbestos siding furnished.

### See advertisement page F30

# FABRICON

4601 East 5th St., Austin, Texas Contact: H. T. Fenderbosch, Dir. of

Sales Distribution Area: 1000 miles radius

from plant No. Basic Plans: 800 to 900 (4 basic eries)

Package Price: \$2,000 to \$5,000 f.o.b. Sales Policy: Direct to builder who is established

Minimum Order: 10 homes per year

Delivery Time: 2 to 3 weeks Financing: 2% 10 days, net 30 days Description: Package is complete assembly of component parts; structural window and door sections; steel gables, trusses and birdstop; interior partitions; storage walls; door assemblies, hinged and sliding; all interior parts packaged and factory finished; exterior parts primed only.

# HOUSTON READY-CUT HOUSE CO.

P.O. Box 124, Houston, Texas Contact: J. H. Suttles, Vice Pres.

**Distribution Radius:** 1500 miles **No. Basic Plans:** 6

Package Price: \$1,900 to \$6,500 f.o.b. Sales Policy: Direct to companies and individuals

Minimum Order: None Delivery Time: 21 days from receipt of order

Financing: 30 days, net

Description: Conventional construction of dimension lumber with plywood sheathing and sub-floor; optional exterior wall finishes; drywall interior gypsum board; aluminum or wood win-dows optional; kitchen cabinets and bathroom accessories furnished.

# J & B MANUFACTURING CO.

2402 Spring St., Houston 10, Texas

Contact: H. D. Thompson, Pres. Distribution Radius: 500 miles No. Basic Plans: Unlimited Package Price: \$2,000 to \$10,000 and

Sales Policy: Builders and franchised dealers

Minimum Order: Not established Delivery Time: 30 to 45 days from receipt of order

Financing: 1%-10 days; 30 days, net Description: Consists of all steel frame, steel trusses, aluminum windows, metal, concrete, aluminum or plywood paneling; 1/2" gypsum board interiors, use of 3' module system give unlimited variety to plan and price range.

# NATIONAL HOMES CORP.

Tyler, Texas

Main Office: Lafayette, Ind.

# SOUTHWEST AMERICAN HOUSES, INC.

P.O. Box 16, Houston 1, Texas

Contact: George E. Finch, Sales Mgr. Distribution Radius: 300 miles

No. Basic Plans: 20, with reverses; from 5 to 8 elevations for each Package Price: \$2,000 to \$5,500 f.o.b.

Sales Policy: Builders; project builders with good reputation

Minimum Order: 10 to start: 40 per

Delivery Time: 7 to 10 days from receipt of order

cept of order **Financing:** C.O.D. **Description:** Exterior walls conven-tionally framed, panelized with  $\tilde{\gamma}_{16}''$  plywood sheathing; interior partitions framed in room lengths; trussed roof construction, precut %" plywood sheath-ing; windows and door units; exterior and interior finish applied in field.

# TEXAS HOUSING CO.

9003 Denton Dr., Dallas 9, Texas

Contact: Sargent Hill, Sales Mgr. **Distribution Radius:** 700 miles

No. Basic Plans: 170 Package Price: \$1,950 to \$3,560 Sales Policy: Builders, dealers, individuals

Delivery Time: About 10 days Financing: 3% discount for cash Description: Exterior wall panels conventional framing with plywood sheathing: trussed roof: windows and doors installed in panels; variety of floor finishes offered; kitchen cabinets, exhaust fan, electric fixtures, heating units furnished

# UTAH

# CLIFF MAY HOMES

Salt Lake City, Utah

Main Office: Los Angeles, Calif.

# INTERMOUNTAIN PRECISION-BILT HOMES

124-18th St., Ogden, Utah

Contact: Blaine Wade, Manager Distribution Radius: 250 miles No. Basic Plans: 3

Package Price: \$3,000 to \$5,000 f.o.b. Sales Policy: Builders and individuals Minimum Order: None

Delivery Time: 14 days from receipt of order

Financing: 30 days net

Description: Room size exterior panels sheathed and sided; aluminum windows installed and glazed; roof trusses; partition panels; storage walls; cabinets, trim, prefit doors and hardware.

# VIRGINIA

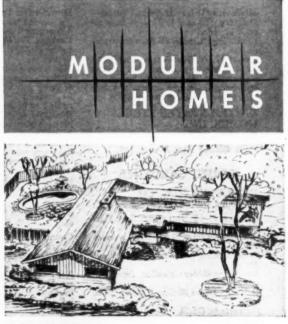
# LESTER BROTHERS, INC.

(Lester Homes Div.) P.O. Box 751, Martinsville, Va.

Contact: Ben A. Harris, Gen. Sales

Mgr. Distribution Radius: 350 miles No. Basic Plans: 33; 330 variations Package Price: \$3,000 to \$10,000 f.o.b. Sales Policy: Builders and Realtorhuilders





HARWOOD

# FLEXIBLES

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MODULAR HOMES permit "customized" builder's service at Pre-Fab mass-produced costs. Investigate.

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Write for dealership details.



Minimum Order: None

Delivery Time: 7 to 15 days Financing: Interim finance: 2% cash: 10 days not

Description: Package is combination of prefabricated precut and conventional parts forming complete home from foundation; prefabricated parts are wall sections, roof trusses, gable ends, door and window units, kitchen cabinets, stairs, linen closets; precut parts are balance of lumber items; conventional parts are those usually installed on the site.

See advertisement page F24

# WEST VIRGINIA

## SCOTT HOMES

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2315 National Rd., Wheeling, W. Va.

Contact: B. R. Diez, Gen. Sales Mgr. Distribution Radius: 200 miles

No. Basic Plans: 14; reverses and variations available Package Price: \$3,500 to \$6,600, de-

livered 75 miles Sales Policy: Franchised dealers

Minimum Order: 12 per year Delivery Time: 2 to 3 weeks from re-

ceint of order

Financing: On completion of shell erection—5 day maximum no discount Description: Floor assembly conventionally built; exterior wall sections with sheathing, siding, windows and doors installed; trusses with plywood sheathing; interior finish, drywall or plaster; plumbing, heating, wiring packages optional.

# WASHINGTON

# CLIFF MAY HOMES

Tacoma, Wash.

Main Office: Los Angeles, Calif.

# FARWEST HOMES

555 State St., Chehalis, Wash. Contact: Eldon Reiley, Sales Mgr. Distribution Area: From Pacific Coast and Alaska to Mississippi River, plus IIL, Ind., Wis.

No. Basic Plans: 72 Package Price: \$1,600 to \$3,000 f.o.b. Sales Policy: Financially sound, established builders

Delivery Time: 15 days after financing arrangements are completed

Financing: Net-15-30 days or after 2nd FHA or VA inspection

Description: Exterior wall panels complete incorporating door and window frames; trussed roof; interior partitions precut; prehung doors; storage walls; all trim items.

# THE LOCTWALL CORP.

16530 U. S. Highway 99, Lynnwood (Seattle), Wash.

Contact: A. J. Bluechel, V. Pres. Distribution Area: Wash., Ore., Mont., CHARNISCHFEGER HOMES. Idaho, & Alaska

No. Basic Plans: 15. all can be reversed Package Price: \$4,000 to \$10,000 f.o.b.

Sales Policy: Builders, Realtors Minimum Order: Varies according to

Delivery Time: 20 days from receipt of order

Financing: 25% down plus bank guaranteed payment 10 days after erection

Description: Pre-cut floor: finished wall panels with doors and windows installed; storage walls, sliding door wardrobes; kitchen cabinets; roof trusses, gable ends, roof decking and shingles; furnaces included with some modale

# LOXIDE STRUCTURES

9004 S. 19th St., Tacoma, Wash,

Contact: Albert J. Kemp, Mgr. Distribution Radius: 2,500 miles

No. Basic Plans: 14 Package Price: \$2,282 to \$5,230 f.o.b.

Sales Policy: Franchised dealers Minimum Order: 3 per year Delivery Time: 21 days from receipt

of order Financing: 10% deposit, balance Sight

Draft Description: Precut structures, 2 x 8

Western Red Cedar, vertically erected, grooved for 3% x 1 plywood spline at overlapping joint, forms inside, each outside wall with no other exterior treatment; floor construction and interior finish conventional; trusses, windows, cabinets factory assembled

# VIRGINIA LEE HOMES, INC.

P.O. Box 606; Kirkland, Wash.

Contact: G. N. Hain, Sales Mgr. Distribution Area: Wherever Douglas

Fir is competitive No. Basic Plans: 250

Package Price: \$2,200 and up Sales Policy: Franchised Builders and dealers

Minimum Order: 2 per month Delivery Time: 14 days after receipt @ COLONIAL HOMES, LTD. of order

Financing: Cash or 15 days **Description:** Exterior walls panelized, windows and doors installed; roof trusses, laminated beams; sheathing <sup>1</sup>/<sub>2</sub>" plywood; siding applied, gables builtup; all interior trim, doors ready hung.

# WISCONSIN

EXPANDABLE HOMES, INC. Box D, Sheboygan Falls, Wis.

Contact: L. B. Gehrke, Pres. Distribution Radius: 400 miles No. Basic Plans: 15

Package Price: \$3,000 to \$7,500 f.o.b. Sales Policy: Established Builders and realtors

Minimum Order: 1 per month Delivery Time: Approximately 10 days Financing: Tailored to fit builders and realtors

Description: Exterior and interior @ ENGINEERED BUILDINGS, panels conventionally framed; exterior panels have sheathing and siding ap-plied, windows installed, glazed; floor panels capped with plywood; ceiling joist and rafters pre-cut; roof sheathing furnished; interior doors, prehung, packaged trim; roofing, flooring and fans optional.

INC.

North Spring St., Port Washington, Wis.

Contact: Sales Department

**Distribution Radius: 500 miles** No. Basic Plans: 58 including reverses and variations

Package Price: \$2,500 to \$3,500 f.o.b. Sales Policy 1 Builders-Dealers

Minimum Order: Varies

Delivery Time: 10 days from receipt of order

Financing: Letter of credit or check with order

Description: Room-size panels completely finished, windows installed; in-terior partitions finished; trusses, storage walls; precut interior and exterior 1 minus

# UNIT STRUCTURES, INC. Peshtigo, Wis,

Contact: Lloyd B. Price, Sales Mgr. Distribution Area: 500 miles radius from plant

No. Basic Plans: 35 including reverses and variations

Package Price: \$3,500 and up

Sales Policy: Builders

Minimum Order: None

Delivery Time: 14 days from receipt of order

Financing: Letter of Credit to be paid when under roof

Description: Precut floor framing with plywood sub-floor; wall sections factory assembled of conventional framing, with sheathing applied; windows and door frames installed; pre-cut rafters, plywood sheathing; all interior and exterior trim.

# CANADA

6 Malley Rd., Scarboro, Toronto, Ontario Other plants at Windsor & Hawkesbury,

Ontario Contact: Thomas Fergusson, Sales Mgr. Distribution Area: Ontario, Quebec, Mich., Western N. Y. No. Basic Plans: 26

Package Price: \$2,000 to \$6,500 f.o.b. Sales Policy: Builders or builder deal-

Minimum Order: 50 units per year Delivery Time: 14 days from receipt of order

Financing: 2%-10 das. Description: No floor panels; room size wall panels for wallboard or plaster; precut rafters or trusses; gables in sections; all trim, insulation, flooring, hardware, etc.; also manufacture sum-mer cottages and garages.

# LTD.

504-4th St., East, Calgary, Alberta

Contact: W. N. Bershaw, Mgr. Dealer Sales

**Distribution Radius: 500 miles** No. Basic Plans: 12, with reverses &

exterior variations Package Price: \$2,370 to \$3,400 f.o.b. Sales Policy: Franchised Builder-Dealera

Minimum Order: Quota depends on territory

Delivery Time: 7 days from receipt of order

Financing: 10 days net

Description: Semi-prefabrisated wall sections with windows installed, rough sheathing applied; exterior finished on site; roof and floor joist precut and packaged; siding precut, site applied; plumbing and heating optional.



AMERICAN BUILDER

# GLENWAL LIMITED

3601 Bonnybrook Road, Calgary, Alberta

**Contact:** Leslie E. Wade, Gen. Mgr. **Distribution Radius:** 600 miles **No. Basic Plans:** 12, with reverses and variations

Markage Price: \$2,700 to \$7,000 f.o.b. Sales Policy: Builders and dealers Minimum Order: Depends on area Delivery Time: 10 days from receipt of order

Financing: 3% cash, 15 days net Description: Stressed skin plywood panels consisting of walls, partitions, floors, roofs and storage walls; prehung doors and windows optional.

# GREENWALL BROS. LTD.

2690 Beresford St., Vancouver, B. C. Contact: Donald G. Johnson, Sales

Mgr. Distribution Radius: 500 miles

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No. Basic Plans: 9 Package Price: \$1,500 to \$4,000 Sales Policy: Dealer-builders

Delivery Time: 10 days from receipt of order Financing: Varies, generally 30 days

Description: Wall, floor and roof panels with plywood two sides of core; doors and windows installed; roof trusses or rafters to support panels; kitchen cabinets furnished.

# HALLIDAY CO., LTD.

Maple Ave., Burlington, Ontario Contact: B. G. Johnstone, Sales Mgr. Distribution Radius: 250 miles No. Basic Plans: 16: 96 variations Package Price: \$3,800 to \$6,000 f.o.b. Sales Policy: Builders; franchised dealers

Minimum Order: 5 or up depending on area Delivery Time: 2 to 3 weeks from re-

ceipt of order Financing: Mortgage assignment or 30

days not Description: Precut floor framing;

Description: Precut noor training; prefabricated walls, ceiling and roof, rough framing, sheathing, insulation, interior finish, doors, windows and trim. Site finishing consists of roofing, siding, floors, plumbing, heating, electrical and painting.

# SUNNIBILT PREFAB PRODUCTS LIMITED

Sales office; 1345 Dufferin St., Toronto, Ontario

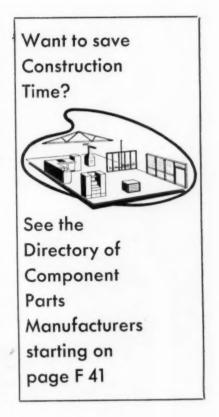
Plant location; Agincourt, Ontario, Can. Contact: S. Burke, Gen. Mgr. Distribution Radius: Approx. 500 miles

No. Basic Plans: 27 homes; 21 summer cottages

Package Price: \$3,500 to \$6,000 f.o.b. Sales Policy: Individuals and Builders Minimum Order: None, no franchise given

Delivery Time: 4 weeks, average Financing: Up to 90 days

**Description:** Package #1: Shell only with walls in sections, balance of material precut; wood siding and masonry veneer optional. Package #2: Interior finish and trim, optional with package #1.



# WANT TO KNOW MORE ABOUT PREFABRICATED HOMES?

Just fill in this coupon and forward it to AMERICAN BUILDER, Directory Editor, 79 W. Monroe St., Chicago 3, Ill. We will have the information sent to you at once.

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**Classified Directory** 

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## Component Parts Manufacturers

There is a parallel between the prefabrication of a home and the production of component parts as both have as their purpose the reduction of job-site labor.

The purpose of this Component Parts Directory is to give the building industry a comprehensive list of these manufacturers who are engaged in producing a package which in itself becomes a structural portion, a major division or a complete integral system within the home. Thus it supplements the preceding Directory of Prefabricated Home Manufacturers as many of those also produce structural parts which are in essence a building component and are not limited to any house design.

Many more products, than those listed here, may actually be classified under this category but in the compiling of this directory an attempt has been made to limit the listings to those products which are complete packages—factory assembled—ready for installation.

In this ever changing market it is virtually impossible to assemble a completely accurate listing of this kind. Any omission is unintentional and AMERICAN BUILDER will publish a supplementary list in its regular editorial pages from time to time as conditions warrant.

#### **AIR CONDITIONERS**

General Description: Self-contained air conditioning units for individual room installation. Made to be built into exterior wall and need only electrical connections; no ductwork involved.

AIR TEMP. DIV. CHRYSLER CORP.

1610 Webster St., Dayton I, Ohio

CARRIER CORP. 302 S. Geddes St., Syracuse 1, N. Y.

LEWYT AIR CONDITIONER CORP.

57th St. & 1st Ave., Brooklyn 20, N. Y.

MUELLER CLIMATROL DIV. 2005 W. Oklahoma Ave., Milwaukee 15, Wis.

#### **BASEMENT ENTRANCES**

General Description: Metal hatchways for outside basement entrances. Some models include stairs and sidewall panels.

BILCO CO. P.O. Box 1203, West Haven 5, Conn.

HEATILATOR INC. 564 E. Brighton Ave., Syracuse 5, N. Y.

PAK-CEL, INC. 18 Nottingham Dr., Natick, Mass.

VEGA INDUSTRIES 715 Glen Ave., Syracuse 5, N. Y.

#### CARPORTS

General Description: Packaged carports are framed of steel or aluminum with supporting columns for either free standing or attachment to existing building. Roof coverings may be metal sheets or reinforced plastic panels. In addition to a carport, other uses include porch or patio covers, marquees, permanent and temporary shelters.

#### **BENADA ALUMINUM PRODS.**

CO. 39 James St., Girard, Ohio

CHILDERS MFG. CO. 3620 W. 11th St., Houston 8, Texas

R. G. COFFMAN CO. P.O. Box 1113, Orlando, Fla.

ELMONT MFG. CO. 575 Hempstead Turnpike, Elmont, N. Y.

KAWNEER CO. 1105 N. Front St., Niles, Mich.

MARKEE CORPORATION OF AMERICA 4030 N. W. 29th St., Miami, Fla.

ORCHARD BROTHERS, INC. 63 Meadow Rd., Rutherford, N. J.

PENNSYLVANIA WIRE GLASS CO. 1612 Market St., Philadelphia 3, Pa.

PERMA-SIDE CO. 9400 Bellanca Ave., Los Angeles 45, Calif.

F. C. RUSSELL CO. 1100 Chester Ave., Cleveland 1, Ohio

STODDARD MFG. CO. 617 Fourth St., S. W., Mason City, Iowa

TECHBUILT INC. 55 Brattle St., Cambridge 38, Mass.

TROY SUNSHADE CO. Grant and Scott Sts., Troy, Ohio

TURNER MFG. CO. Wise St., Statesville, N. C.

VEE-BREEZE ALUMINUM AWNING CO. 628 Huron St., Toledo, Ohio

WYNNCO PRODUCTS CORP. 344 Luckie, N. W., Atlanta 3, Ga.

#### FIREPLACES

General Description: Complete fireplace units which can be installed without structural changes or requirements. Are self-contained and need no masonry.

ACORN DESIGNS INC. P.O. Box 86. Concord, Mass.

**BENNETT-IRELAND, INC.** 23 State St., Norwich, N. Y.

CONDON-KING CO. 1247 Rainier Ave., Seattle 44, Wash.

**DONLEY BROTHERS CO.** 13910 Miles Ave., Cleveland 5, Ohio

THE MAJESTIC CO, INC. Hall St., Huntington, Ind.

READYBUILT PRODUCTS CO. 1707 McHenry St., Baltimore 23, Md.

VEGA INDUSTRIES, INC. 1208 E. Brighton, Syracuse 5, N. Y.

#### **HEATING PACKAGES**

General Description: Packages include automatic gas or oil-fired furnaces complete with prefabricated ductwork and registers.

BRANDES CO. 2046 Winnebago St., Madison 4, Wis.

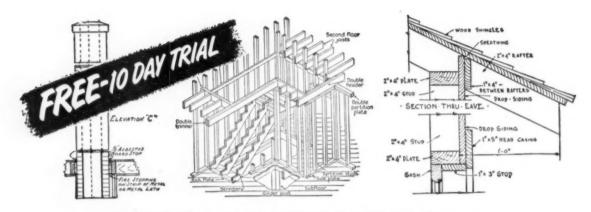
THE COLMAN CO., INC. 250 N. Saint Francis, Wichita 1, Kans.

CHAR-GALE MFG. CO. Route 2, Anoka, Minn.

LENNOX FURNACE CO. 260 E. 12th Ave., Marshalltown, Iowa

MEYER FURNACE CO. 1300 S. Washington, Peoria, Ill.

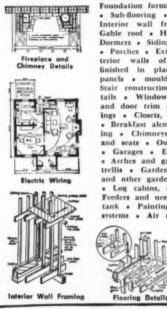
WILLIAMSON HEATER CO. 3500 Madison Rd., Cincinnati 9, Ohio



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#### **PLUMBING ASSEMBLIES**

General Description: Prefabricated plumbing assemblies contain water supply pipes as well as the complete drainage system. Usually mounted within a wood structural panel for easy handling on the job.

ASSOCIATED PLUMBING SUPPLY CO. Baerfield, Fort Wayne, Ind.

F & G CONSTRUCTION CO., INC. 5204 Kingston Pike, Knoxville, Tenn.

SILVIS CO. Sheboygan, Wis.

H. B. SHANK Fort Wayne, Ind.

.

STERLING FAUCET CO. Morgantown, W. Va.

J. A. ZURN MFG. CO. 1881 Pittsburgh Ave., Erie, Pa.

#### STORAGE WALLS

General Description: Modular designed storage walls in selected wood finishes. Completely finished on both sides to provide partitions between rooms. May be room height or less.

BEL-WOOD MFG. CO. Ackerman, Miss.

BREECE PLYWOOD, INC. 13th & McBeth Sts., New Albany, Ind.

CARR, ADAMS & COLLIER CO. Dubuque, Iowa

**COOPER HOMES SALES CO.** 820 Cleveland St., Amarillo, Texas

DUALL MFG. CO. 3031 Culebra Ave., San Antonio, Texas

EM-ME-CO CORP. Milford, Ind. FABRICATORS, INC. 132 Water St., South Norwalk, Conn.

FABRICON 4601 E. Fifth St., Austin, Texas

FABRO MFG. CO. 7208 Douglas Rd., Toledo 13, Ohio

THE MENGEL CO. Louisville 1, Ky.

MILO PRODUCTS CO. Grantham, Pa.

THE MORGAN CO. Oshkosh, Wis.

**TECHBUILT, INC.** 55 Brattle St., Cambridge 38, Mass.

**TEXAS HOUSING CO.** 9003 Denton Dr., Dallas 9, Texas

WADSWORTH HOMES, INC. 2949 Chrysler Rd., Kansas City, Kans.

WINNER ENGINEERING CO. Trenton, N. J.

#### UNIT KITCHENS

General Description: Kitchen units which contain range, sink and refrigerator in one basic cabinet.

**DWYER PRODUCTS CORP.** Calumet & Holiday Sts., Michigan City, Ind.

EARLE KITCHEN UNIT CO. 116 E. 63rd St., New York, N. Y.

GENERAL AIR CONDITIONING CORP. 4536 E. Dunham St., Los Angeles, 23, Calif.

#### WALL PANELS

General Description: While the majority of the manufacturers of Prefabricated Homes, listed in the preceding directory also furnish wall panels, these companies specialize in the production of modular wall panels for both interior and exterior construction. CALIFORNIA MODULAR HOMES INC. 3808-22nd St., Del Paso Hgts, Sacramento. Calif.

COOPER HOMES SALES CO. 820 Cleveland St., Amarillo, Texas

EM-ME-CO CORP. Milford, Ind.

EMPIRE HOMES, INC. P.O. Box 35, Louisville 11, Ky.

FABRICON 4601 East 5th St., Austin, Texas

FABRO MFG. CO. 7208 Douglas Rd., Toledo 13, Ohio

HOME & BUILDING PARTS CO., INC. Box 12126, New Orleans, La.

LUMBER FABRICATORS, INC. Box 296, Fort Payne, Ala.

MANOR HOMES OF AMERICA, INC. Crown Point, Ind.

MANUFACTURED HOMES, INC. 330 S. Kalamazoo Ave., Marshall, Mich.

MONOSTRUCTURE, INC.

Sarasota-Bradenton Airport, Sarasota, Fla.

PREFABRICATED PRODUCTS CO., INC. Sixth St., Kirkland, Wash.

SOLAR AIR-FLO, INC. 600 East Purl St., Goshen, Ind.

TECHBUILT, INC. 55 Brattle St., Cambridge, Mass.

WADSWORTH HOMES, INC. 2949 Chrysler Rd., Kansas City, Kans.

WOLVERINE PORCELAIN ENAMELING CO. 3350 Scotten Ave., Detroit 10, Mich.

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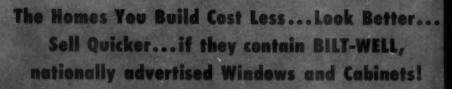
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#### AMERICAN BUILDER











6.5

LOCKING HANDLE-HOPPER





NING MANDLE

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FIXED UNIT

HAT HAT

PICTURE UNIT ACCESSORY LEVER OPERATOR

**NOTE:** B, L, and F Awning Window units may be ordered with  $\frac{1}{2}$ " double insulating glass installed by specifying "Glazed DG" on order.

#### **BILT-WELL AWNING WINDOWS FOR MULTIPLE USE**

Designed to offer utmost flexibility, BILT-WELL Awning Windows can be stacked vertically...joined horizontally...reversed for hopper vents...placed on end for casements...installed to flank picture windows...hopper vents under fixed sash...or in any combination of these arrangements.

"B" UNIT—BAR OPERATOR. Assembled with hardware installed. Opens out without opening screen (same unit on end makes a Bar Operated casement unit).

"L" UNIT—LOCKING HANDLE. Assembled with all hardware installed except locking handle. Opens in, with screen placed outside (This same unit, opening out, makes an awning window; placed on end, opening out, it makes a casement window.)

"L" UNIT ACCESSORY-LEVER OPERATOR. Completely assembled. Finished in statuary bronze. This is a scissors-type linkage, operated by a 5" lever arm. The arm travels 180°, from fully closed to fully open, moving from left to right. A simple arrangement allows scissor arms to be instantly detached by hand. Sill cover must be ordered separately to fit window opening.

"L" UNIT ACCESSORY-GEAR OPERATOR. A streamlined durable operator. Mechanism is set in attractive statuary bronze cover. Handle is angled to reduce projection into room. Brass bearings at points of most wear. Detach permits instant release of sash from operator.

"F" UNIT—FIXED UNIT. Unit supplied without operating hardware, with sash fixed in frame.

Wood frame or aluminum frame screens are available for all operating sash. Double Glazing Panels are available for all three awning window units—B, L and F.

**PICTURE UNIT.** Made in six sizes—3 widths equal to units with 36, 39 and 44" glass, and two heights equal to two units with 18" or 22" glass stacked in height. Fully assembled with frame, sash glazed with  $\frac{1}{2}$ " double insulating glass, and vinyl gasket permitting removal of sash for installation and insertion of sash with a complete weather-tight seal.

#### Sizes and Specifications of BILT-WELL Awning Windows—Picture Units

CARR, ADAMS & COLLIER COMPANY (Established 1866) Dubuque, Iowa

**MATERIAL:** Units and exterior trim Ponderosa Pine, toxic waterrepellent treated to NWMA Standards. Jamb width  $4\frac{3}{8}$ ", sash are  $1\frac{3}{8}$ " thick.

**GLAZING:** Sash clamp glazed SS glass. Removable bead for reglazing. Double glazing panels SS glass with aluminum surrounds and hardware available for all except Picture Unit. Picture Unit (frame, sash and glass) supplied assembled, glazed with  $V_a''$  double insulating glass.

**SCREENS:** Aluminum and toxic treated wood screens are wired with aluminum cloth. Hangers and locks included.

WEATHERSTRIP: Sash completely weatherstripped with anodized special alloy aluminum.

**HARDWARE:** Friction slide hinge installed on operating units. Releasable Bar Operator, statuary bronze finish, installed. Locking Handle, Lever Operator accessory and Gear Operator accessory, statuary bronze finish, packed with screws and instructions. Sill covers for accessory operators must be ordered separately to fit window opening.

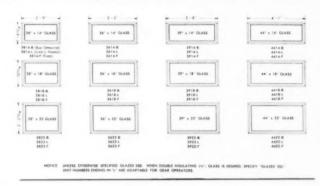
**AWNING WINDOW UNITS:** (set-up) Two of a size to a carton. Specify size and type (B, L or F.) Specify "Glazed DG" if  $\frac{1}{2}$ " double insulating glass is desired.

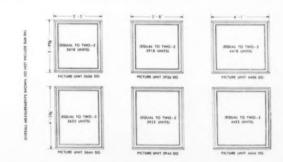
**PICTURE UNITS:** Assembled, with frame, weatherstripped sash glazed with  $\frac{1}{2}$ " double insulating glass. Packed one to a carton, specify size.

**SCREENS:** Twelve of a size to a carton. Specify size and type (wood or aluminum).

**DOUBLE GLAZING PANELS:** (for units with SS glass): Six to a carton. Specify size.

TRIM: Bundled-not carton packed. Specify size.



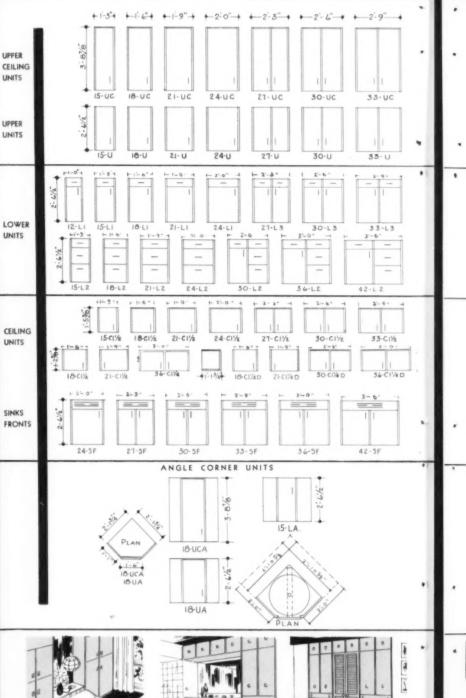


# CABINET UNITS for Kitchens



BILT-WELL Cabinets are standardized units, semi-assembled, offering flexibility so essential for individualized cabinet installation in kitchens, bedrooms, bathrooms and other areas where storage is required. 77 different types and sizes to fit any size or shape of room. The 25 inch counter top, adjustable toe space, easy to reach door and drawer handles and flush effect of the doors and drawers impart a functional design that meets today's requirements in modern homes.

BILT-WELL Cabinets are sectional units in 3 inch modular widths from 15 inches to 48"; all clear kiln-dried Penderosa Pine, precisely machined, factory profitted, semi-assembled and carton packed. Doors are vacuum water-repellent treated. And only BILT-WELL has the 45" upper cabinets that run to the ceiling, eliminating the need for building a drop ceiling or soffit.

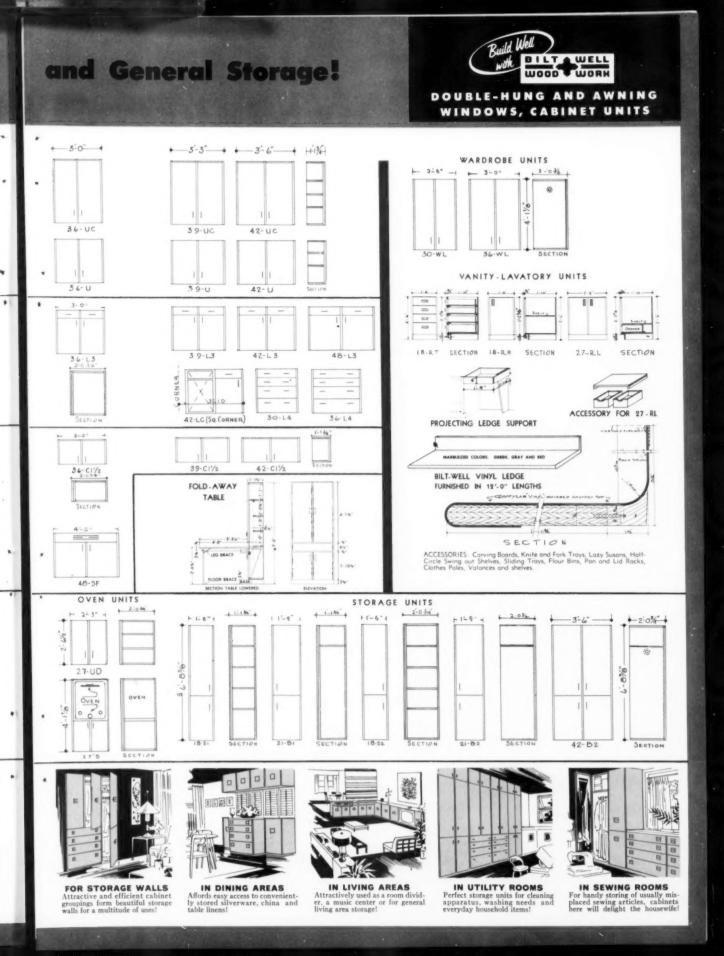








Just the thing to store toys, games and hobbies in! Sturdily constructed for day-in and day-out family use!







#### **10 Points of BILT-WELL'S Superiority**

DOUBLE HUNG WINDOW UNITS

- Patented flexible jamb-liner provides weathertightness and ease of operation. Its flexibility automatically compensates for dimensional variations due to climatic changes.
- Designed for <sup>3</sup>/<sub>4</sub><sup>"</sup> plaster wall, yet may be easily converted for standard drywall by removing the exjamb.
- Accurately machined and factory pre-fitted. Easy to assemble and simple to install in the wall.
- 4. Overhead spring balances provide finger-tip operation and perfect counter-balancing, allows sash to stay in any given position. Four balances to a unit, guaranteed for the life of the building.
- Made of thoroughly seasoned kilndried Ponderosa Pine of uniform quality.

- 6. Wide overlapping one-piece blind stop for easy nailing and weathertight installation. Adaptable to <sup>3</sup>/<sub>4</sub>" or <sup>1</sup>/<sub>2</sub>" sheathing.
- Bilt-Well Windows meet rigid AWWI requirements for air-infiltration, proving to be twice as weathertight as minimum requirements.
- Bilt-Well Windows are "waterrepellent preservative treated" in strict accordance with approved NWMA standards.
- Weathertight seals between sash and frame at head and sill, and between meeting rails of sash, make Bilt-Well Windows twice as weathertight, affording substantial fuel savings.
- Sturdily constructed with 1<sup>1</sup>/<sub>8</sub>" jambs and 1<sup>3</sup>/<sub>8</sub>" sills. Available knockeddown with all weatherstrip applied at factory.

**BILT-WELL** Double-Hung Window units fit all walls— $\frac{3}{4}$ " lath and plaster,  $\frac{1}{2}$ " or  $\frac{3}{8}$ " dry wall gypsum board or plywood, and exterior sheathing  $\frac{1}{2}$ " or  $\frac{25}{32}$ " thick.



2½2" outside sheathing and drywall (¾" or ½") inside on 2 x 4's, and minus inside strip on jamb.

Ask your dealer about the popular Bilt-Well line of Woodwork, or write: CARR, ADAMS & COLLIER COMPANY Established 1866

Established 1866 Dubuque, Iowa



 $\frac{1}{2}$ " outside sheathing and drywall ( $\frac{3}{6}$ " or  $\frac{1}{2}$ ") inside on 2 x 4's, cut-off rib on blind stop and remove inside jamb strip.



 $\frac{1}{2}$ " outside sheathing and  $\frac{3}{8}$ " dry-wall applied over  $\frac{1}{2}$ " insulation board on 2 x 4's, cut-off rib on blind stop.

WINDOW UNITS, Double-hung, Awning, Casements, Basement, Storm and Screen. <u>CABINETS</u>, Kitchen, Multiple-use, Wardrobes, Storage, Vanity-Lavatory and Vinyl Countertops. <u>DOORS</u>, Exterior, Interior, Screens and Combination.

Enter the big 1956 BILT-WELL BUILDERS' CONTEST. Win a free trip to Europe, Bermuda, Mexico or Hawaii. Every builder has an excellent chance of winning. Ask your dealer about it or write Carr, Adams & Collier for complete Contest Kit.

Calling all Builders!

## your guide to PRODUCTS and EQUIPMENT information

This post card has been designed by the American Builder to help you get complete data about new product items and catalogs shown in this issue. All you need to do to get further information, is to circle the numbers listed on the reverse side of this card. Then mail the post card to us. No postage is necessary. We will forward your requests to the manufacturer. He will send you complete data.

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## AMERICAN BUILDER

**Classified Directory** 

## Associations and Societies of the Building Industry

The American builder is fortunate in that he has available such a large number of associations and societies exclusively devoted to the vast building industry. Their business and professional interests dictate a lively concern with the advancement of building technology and the consequent expansion of the markets for the products and services of all who are a part of this industry.

This listing can be most valuable to the builder as many problems dealing with specialized materials or methods can be overcome or diminished by contacting an authoritive source of information. For this reason the names of associations or societies have been classified alphabetically into related groups.

Care has been taken in compiling this listing so that it might be as accurate as possible. However the American Builder cannot be responsible for changes in addresses and other discrepancies. The Editors welcome suggestions for additions or revisions.

The names of Associations Who Advertise in American Builder appear in Boldface Type

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HARDWOOD PLYWOOD INSTITUTE 600 South Michigan Ave., Chicago 5, III. Charles E. Close, Sect'y-Tr.

MAHOGANY ASSOCIATION, INC., 666 No. Lake Shore Dr., Room 1720, Chicago 11, 111. George N. Lamb, Sect'y

MAPLE FLOORING MANUFACTURERS ASS'N., 35 East Wacker Dr., Chicago I, Ill. L. M. Chady, Sect'y NATIONAL LUMBER MANUFAC-TURERS ASS'N., 1319--18th St., N. W., Washington 6, D. C. Leo V. Bodine, Exec. Vice Pres.

#### NATIONAL OAK FLOORING MANUFACTURERS' ASS'N., INC., Sterick Bidg.,

Memphis 3, Tenn. Henry H. Willins, Exec. Vice Pres.

NATIONAL WOODWORK MANU-FACTURERS ASS'N., 332 So. Michigan Ave., Chicago 4, III, Ormie C. Lance, Sect'y-Mgr.

NORTHERN HEMLOCK & HARDWOOD MFRS., ASS'N., Washington Bidg., Onkosh, Wise. Harold S. Crosby, Mgr.

NORTHERN PINE MANUFACTURERS ASS'N., 4329 Oakland Ave., Minneapolis 7, Minn. W. A. Ellinger, Seet'y-7r.

PACIFIC LUMBER INSPECTION BUREAU, White-Henry-Stuart Bidg., Seattle, Wash. H. W. Murphy, Sect'y-Tr.

#### PHILIPPINE MAHOGANY

ASSOCIATION 111 West 7th St., Los Angeles, Calif. W. G. Serim, Pres.

#### PONDEROSA PINE WOODWORK

Chicago 3, Ill. Robert Morris, Gen. Mgr.

#### **RED CEDAR SHINGLE BUREAU**,

5510 White Bldg., Seattle I, Wash. Virgil G. Peterson, Sect'y-Mgr.

SOUTHERN HARDWOOD PRODUCERS, INC., 805 Sterrick Bidg., Memphis, Tenn. L. James Heatherly, Sect'y-Mgr.

#### SOUTHERN PINE ASSOCIATION, P. O. Box 1170.

New Orleans 4, La. S. P. Deas, Sect'y-Mgr.

SOUTHERN PINE INSPECTION BUREAU, 520 Canal Bidg., New Orleans, La. A. S. Bolafontaine, Sect'y-Mgr.

SOUTHERN WOODWORK ASSOCIATION, P. O. Box 1550, New Orleans, La. Herbert J. Brenmerman, Pres.

#### WESTERN PINE ASSOCIATION,

Yeon Bldg., Portland 4, Oregon S. V. Fullaway, Jr., Sect'y-Mgr.

WESTERN RED CEDAR LUMBER ASSOCIATION, White Bidg., Seatle, Wash.

WOODWORK INSTITUTE OF CALIFORNIA, 681 Market St., San Francisco 5, Calif. Russell Bjorn, Managing Director

#### METALS AND METAL PRODUCTS

THE ALUMINUM ASS'N., 420 Lexington Ave., New York 17, N. Y. Donald M. White, Sect'y.T<sub>I</sub>.

ALUMINUM ROOFING INSTITUTE, 74 Trinity Place, New York, N. Y. O. J. Condon, Sect'y-Tr.

AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 101 Park Ave., New York 17, N. Y. L. Abbett Post, Exec. Vice Pres.

AMERICAN IRON AND STEEL INSTITUTE, 350 Fifth Ave., New York 1, N. Y. George S. Rose, Sect'y

AMERICAN ZINC INSTITUTE, INC., 60 East 42nd St., New York 17, N. Y. John L. Kimberly, Exec. Vice Pres. & Sect'y

COPPER AND BRASS RESEARCH ASS'N., 420 Lexington Ave., New York 17, N. Y. T. E. Velfort, Mgr.

HARDWARE MANUFACTURERS STATISTICAL ASS'N., 205 Church St., New Haven 6, Conn. Harold A. Parks, Sect'y-Tr,

INSECT WIRE SCREENING BUREAU, 25 West St., New York 6, N. Y. Ralph W. Bacon, Sect'y

LEAD INDUSTRIES ASSOCIATION, 420 Lexington Ave., New York 17, N. Y. Robert L. Ziegfeld, Sect'y-Tr.

METAL LATH MANUFACTURERS ASSOCIATION, Engineers Bilg., Cleveland 14, Ohio Donald R. Wadle, Managing Director

METAL ROOF DECK TECHNICAL INSTITUTE, 53 W. Jackson Blvd., Chicago, IU. John T. W. Baheoek, Sect'y-Managing Director

NATIONAL ASSOCIATION OF ORNA-MENTAL METAL MANUFACTURERS, 209 Cedar Ave., Washington 12, D. C. O. J. Condon, Sect'y

NATIONAL BUILDERS' HARDWARE ASS'N., 515 Madison Ave., New York 22, N. Y. William S. Haswell, Sect'y

STEEL JOIST INSTITUTE, Dupont Circle Bidg., 1346 Connecticut Ave., N. W., Washington 6, D. C. C. H. Luedeman, Managing Director

WIRE REINFORCEMENT INSTITUTE, INC., National Press Bldg., Washington, D. C. Franklin B. Brown, Managing Director

## MISCELLANEOUS

ACOUSTICAL MATERIALS ASS'N., 9 Rockefeller Plaza, New York, N. Y. Wallace Waterfall, Exec. Sect'y

ASBESTOS-CEMENT PRODUCTS ASS'N.,

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509 Madison Ave., New York 22, N. Y. Chester C. Kelsey, Mgr.

ASPHALT ROOFING INDUSTRY BUREAU, 50 East 42nd St., Room 2006, New York 19, N. Y. J. S. Bryant, Managing Director

ASPHALT TILE INSTITUTE, 101 Park Ave., New York 17, N. Y. C. B. Whittelsey, Jr., Managing Director

THE BARRE GRANITE ASS'N, INC., 51 Church St., Barre, Vermont R. T. MeBride, Gen'I Mgr.

BUILDING STONE INSTITUTE 5351 Winthrop Ave., Indianapolis, Ind.

CALCIUM CHLORIDE INSTITUTE, 909 Ring Bidg.. 18th & M Sts., N. W., Washington 6, D. C. George H. Kimher, Pres.

FELT ASSOCIATION, 75 West St., New York 6, N. Y. Herbert S. Blake, Jr., Sect'y

GYPSUM ASSOCIATION, 20 No. Wacker Dr., Chicago 6, Ill. Lloyd H. Yeager, Gen'l Mgr.

INDIANA LIMESTONE INSTITUTE, e'o INDIANA LIMESTONE CO., Suite 311, Trans-Lux Bidg., Washington 5, D. C.

MARBLE INSTITUTE OF AMERICA, 108 Forster Ave., Mount Vernon, N. Y. Romer Shawhan, Director

NATIONAL CANVAS GOODS MANUFACTURERS, 24 Endicont Bidg., St. Paul I, Minn. Donald A. Campbell, Exec. Sect'y

NATIONAL COTTON COUNCIL OF AMERICA Front St.

Memphis, Tenn.

NATIONAL PAINT, VARNISH AND LACQUER ASS'N., INC., 1500 Rhode Island Ave., N. W., Washington 5, D. C. William T. Terrell, Sect'y

THE PORCELAIN ENAMEL INSTITUTE, INC., Associations Bldg., 1145-19th St., N. W., Washington, D. C. John C. Oliver, Managing Director

UNITED STATES PULP PRODUCERS ASS'N, INC., 122 E. 42nd St., New York 17, N. Y. James L. Ritchie, Exec. Director WALLPAPER INSTITUTE, 509 Madison Ave., New York, N. Y. W. L. Carver. Sect'y

THE WATERPROOF PAPER MANUFACTURERS ASS'N., Suite 351-57 II West 42nd St., New York 36, N. Y. Philip O. Deitsch, Administrative Officer

#### PLUMBING AND WATER SUPPLY

CAST IRON SOIL PIPE INSTITUTE 1627 K St., N. W., Washington 6, D. C. Bomer E. Robertson, Exec. Fice Pres.

NATIONAL ASS'N., DOMESTIC & FARM PUMP MFRS., 39 South LaSalle St., Chicago 3, III. John Hasford, Exec. Seet'y

PLUMBING FIXTURE MANUFAC-TURERS ASS'N., 1145-19th St., N. W., Wishington 6, D. C. William E. Kramer, Seet'y

PLUMBING & HEATING INDUSTRIES BUREAU, 35 East Wacker Dr., Chicago 1, Ill. Norman J. Radder, Sect'y

THE VALVE MANUFACTURERS ASS'N., 60 East 42nd St., New York 17, N. Y. George A. Cooper, Sect'y.Tr.

WATER CONDITIONING FOUNDATION, 39 South LaSalle St., Chicago 3, III. John Hosford, Exec. Sect'y

#### **PROFESSIONAL SOCIETIES**

ACOUSTICAL SOCIETY OF AMERICA, 57 East 55th St., New York 22, N. Y. Wallace Waterfall, Sect'y

AMERICAN ARCHITECTUAL FOUNDATION, INC., 115 East 40th St., New York, N. Y. Pooglas Ore, Pres.

AMERICAN ASSOCIATION OF ENGINEERS, 8 South Michigan Ave., Chicago 3, III. M. E. McIver, Nat'l Sect'y

AMERICAN ASSOCIATION OF NURSERYMEN, 636 Southern Bilg., Washington, D. C. Curtis H. Potterfield, Sect'y

AMERICAN INSTITUTE OF ARCHITECTS 1735 New York Ave., N. W., Washington 6, D. C. Edmund R. Purves, Exec. Dir.

AMERICAN INSTITUTE OF CONSULTING ENGINEERS, Engineering Societies Bldg., 33 West 39th St., New York 18, N. Y. T. T. McCrusky, Sect'y AMERICAN INSTITUTE OF PLANNERS, 34 Bratle St., Cambridge 38, Mass. Perry L. Norton, Exec. Director

AMERICAN SOCIETY OF ARCHITECTURAL HARDWARE CONSULTANTS, 515 Madison Ave., New York 22, N. Y. W. A. Mathewson, Exec. Sect'y-Tr.

AMERICAN SOCIETY OF CIVIL ENGINEERS, 33 West 39th St., New York 18, N. Y. William H. Wisely, Exec. Sect'y

AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS, 9 Park St., Boston 8, Mass. Bradford Williams, Corresponding Sect'y

THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS, 29 West 39th St., New York 18, N. Y. T. A. Marshall, Jr., Ass't Sect'y

AMERICAN SOCIETY OF PLANNING OFFICIALS, 1313 East 60th St., Chicago 37, III. Dennis O'Harrow, Exec. Director

AMERICAN SOCIETY OF REFRIGERATING ENGINEERS, 234 Fifth Ave., New York I, N. Y. R. C. Cruss, Exec. Sect'y

THE AMERICAN SOCIETY OF SANITARY ENGINEERING, 4716 Ewing Ave., So., Minneapolis 10, Minn. Walter A. Dunn, Exec. Sect'y & Librarian

AMERICAN SOCIETY FOR TESTING MATERIALS 1916 Race St., Philadelphia 3, Pa. Robert J. Painter, Exec. Sect'y

AMERICAN STANDARDS ASSOCIATION, 70 East 45th St., New York 17, N. Y. Vice Admiral George F. Hussey, Jr., USN

AMERICAN WATER WORKS ASSOCIATION, 521 Fifth Ave., New York 17, N. Y. Harry E. Jordan, Sec'y

BUILDING OFFICIALS CONFERENCE OF AMERICA 110 East 42nd St., New York 17, N. Y. Paul E. Baseler, Exec. Sect'y

BUILDING RESEARCH ADVISORY BOARD, 2101 Constitution Ave., Washington 25, D. C. Wm. H. Scheick, Exec. Director

BUILDING RESEARCH INSTITUTE, 2101 Constitution Ave., N. W., Washington, D. C. William H. Scheick, Exec. Director

CONSTRUCTION SPECIFICATIONS INSTITUTE, 1520-18th St., N. W., Washington 6, D. C. J. A. McGinniss, Pres. ILLUMINATING ENGINEERING SOCIETY, 1860 Broadway, New York 23, N. Y. A. D. Hinckley, Sect'y

NATIONAL ASS'N OF HOUSING & REDEVELOPMENT OFFICIALS 1313 East 60th St., Chicago 37, Ill, Miss Mildred Corbin, Administratice Ass't.

NATIONAL COUNCIL ON SCHOOLHOUSE CONSTRUCTION George-Peabody College for Teachers, Nashville 4, Tenn. W. D. McClurkin, Sect'y-Tr.

NATIONAL SAFETY COUNCIL, 425 North Michigan Ave., Chicago 11, III. G. C. Stewart, Exec. Vice Pres.

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS, 2029 K St., N. W., Washington 6, D. C. Paul H. Robbins, Exec. Director

SOCIETY OF RESIDENTIAL APPRAISERS, 221 North LaSalle St., Chicago I, Ill. James V. Morgan, Exec. Sect'y

SOUTHERN BUILDING CODE CONGRESS, Brown-Marx Bidg., Birmingham 3, Alabama M. L. Clement, Director

URBAN LAND INSTITUTE, 1737 K St., N. W. Washington 6, D. C. Max Wehrly, Exec. Director

#### WINDOWS and DOORS

ALUMINUM WINDOW MANUFACTURERS ASS'N., 75 West St., New York 6, N. Y.

Herbert S. Blake, Ir., Sect'y & Counsel

HOLLOW METAL DOOR & BUCK ASS'N., INC., Suite 510, 501 Fifth Ave., New York 17, N. Y. Sidney O. Raphael, Exec. Sect'y

MIRROR MANUFACTURERS ASSOCIATION, 2217 Tribune Tower, Chicago 11, Ill. Miss Minita Westcott, Exec. Sect'y

NORTHERN SASH & DOOR JOBBERS

ASS'N., 30 No. LaSalle St., Chicago 2, Ill. Carl W. Nagle, Sect'y

STEEL DOOR INSTITUTE, 2130 Keith Bldg., Cleveland 15, Ohio

STEEL WINDOW INSTITUTE, 806 Rowland Road, Cheltenham, Penna. George N. Hingston, Exec. Sect'y

WEATHERSTRIP RESEARCH INSTITUTE Box 128, Riverside, III. L. G. Klee, Exec. Sect'y

#### AMERICAN BUILDER

#### **Classified Directory**

## **Brand Names of Building Products and Equipment**

Brand Names used to identify principal building products and equipment of major manufacturers are listed in this directory in alphabetical order with the names and addresses of the companies to which the brand names apply.

This listing may be used to ascertain the manufacturer of any product when only the brand name is known. It can

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- ABC Adama Engineering Co P O Box 936 Miami 38 Fla
  ABC Altorfer Brothers Co 812 W Washington E Peoria 8 III
  A B AGKOFFER To the State of Control 10 and 10 and

- City Ind ABESTO FIBERATED Abesto Mfg Corp 131 Walaah St Michigan City Ind ABESTO-FLEX Abesto Mfg Corp 131 Wabash St Michigan City Ind ABESTO-GLOW Abesto Mfg Corp 131 Wabash St Michigan City Ind

- St Michigan City Ind ABESTO-GLOW Abesto Mfg Corp 131 Wabash St Michigan City Ind ABESTO LIQUID Abesto Mfg Corp 131 Wa-bash St Michigan City Ind ABESTO LUMICLAD Abesto Mfg Corp 131 Wabash St Michigan City Ind ABESTO QUICK SET PLASTIC Abesto Mfg Corp 131 Wabash St Michigan City Ind ABESTO SEALER Abesto Mfg Corp 131 Wa-bash St Michigan City Ind ABESTO SEALER Abesto Mfg Corp 131 Wa-bash St Michigan City Ind ACCORDOFOLD American Bamboo Corp 171-04-06 Jamaica Jaramaica 32 N Y ACCRO-LITE Mayes Bros Tool & Mfg Co Port Austin Mich ACE American Device Mfg Co Steeleville III ACE International Twist Drill Corp 618 Wyan-dotte St Kansas City 5 Mo ACKEEMAN-JOHNSON Ackerman Johnson Co 625 W Jackson Chicago 6 III ACME Certain-Teed Prods Corp 120 E Lan-caster Av Ardmore Pa ACME Gilbert & Bennett Mfg Co 600 Miller Ave Gorgetown Conn ACOSTI-CELOTEX Celotex Corp 120 S La-salle St Chicago 3 III ACUSTICAL-PENCO McGuffie (W S) & Co 3400 Theurer Ct Cleveland 9 Ohio

- alle Se Chicago 3 Ill ACOUSTICAL-PENCO McGuffie (W S) & Co 3400 Theurer Ct Cleveland 9 Ohio ACOUSTILITE Insulite Co Minnesota Ontario Paper Co 500 Investors Bldg Minnespolis 2
- MIND ACOUSTONE United States Gypsum Co 300 W Adams St Chicago 6 III ACRABORE Acrabore Inc Mill St Webster

- Mass ACT-EASY Speakman Co 30th & Spruce Sts Wilmington 99 Del ACT-0-MATIC Sloan Valve Co 4300 W Lake St Chicago 24 Ill ACTINIC Pennaylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa ACTRITE Pioneer Mfg Co 3053 East 87th St Cloveland 4 O

- ACTRITE Pioneer Mfg Co 3053 East 87th St Cleveland 4 O ACUSTI-LUMINUS CEILING Luminous Ceil-ings Inc 2500 W North Ave Chicago 47 Ill AD-AIRE Carter Water Corp 2440 Pennway Kanasa City 8 Mo AD-UUSTRITE Marino Lathing Supply Co 306 Denton Ave New Hyde Park Ll NY ADAMANT United States Gypsum Co 200 W Adama St Chicago 6 Ill ADAPT-A-FRAME Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill ADAPAT-A-WALL Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill

ADAPTABEL Edwards Co Inc Post Hill Rd ADAPTAHORN Edwards Co Inc Post Hill Rd

- Norwalk Conn ADD-A-LIFE Linseed Oil Products Co 1107 S

- ADD-A-LIFE Linseed Oil Products Co 1107 S Freemont Ave Alhambra Calif ADD-A-RACK Autoyre Co Oakville Conn ADD-A-UNITS Harrison Steel Cabinet Co 4718 W Fifth Ave Chicago 44 Ill ADDA-STRIP Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill ADDRESSOGRAPH Addressograph Multigraph Corp 1200 Babbitt Rd Cleveland 17 Ohio ADJUSTA-SPRAY Speakman Co 30th & Spruce Sts Wilmington 99 Del ADJUSTITE Ives (H B) Co 5 Artizan St New Haven 8 Conn

- ADJUSTITE Ives (H B) Co 5 Artizan St New Haven 8 Conn ADJUSTO Milwaukee Faucets Inc 301 E Res-ervoir Milwaukee 12 Wis ADMIRAL Fiat Metal Mfg Co 9301 W Belmont Ave Franklin Pk III ADMIRAL Great Northern Mfg Corp 1056 N Wood St Chicago 22 III ADMIRAL HOMES Admiral Homes Inc 300 Mt Lebanon Blvd Pittsburgh 34 Pa ADVANCE Beaver Advance Corp PO Box 792 Ellwood City Pa ADVENTURER Mansfield Sanitary Pottery Inc Perryaville Ohio

- Ellwood City Fa ADVENTURER Mansfield Sanitary Pottery Inc Perrysville Ohio AERO Boyle-Midway Inc 22 E 40th St New York 16 NY AEROFAN Pryne & Co Inc 140 N Towne Pomona Calif AEROLUTH Sonneborn & Sons Bldg Prods 404 Fourth Ave New York 16 NY AEROLUX Acroshade Co 5696 Oakland Ave Waukesha Wis AEROLUX Consolidated General Prod Inc PO Box 7425 Houston Texas AEROVENT Aerovent Fabricators Inc Ash & BEROVENT Aerovent Fabricators Inc Ash & BEROVENT Aerovent Fabricators Inc Ash & BEROVENT Aerovent Grauge Works 470 Atlantic Ave Boston 10 Mass AFCO A & F Tileboard Co PO 4085 Lee & Roy Alexandria La AGATITE Certain-Teed Products Corp 120 E Lancaster Ave Ardmore Pa AGITAIR Air Devices Inc 185 Madison Ave New York 16 NY AGRASEAL Tamms Industries Inc 228 M La Salle St Chicago 1 II AGRICO American Agricultural Chemical Co 50 Church St New York 7 NY AGRINITE American Agricultural Chemical Co 50 Church St New York 7 NY AIR-CRETE The Sullivan Co 212 E Trigg Memphia 2 Tenn AIR-JET General Products Co Box 661 Fred-ericksburg Va

- AIR.JET General Products Co Box 661 Fred-erickaburg Va AIR-LITE BRAND Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn AIR PLUS Jaeger Machine Co 500 W Spring St Columbus 16 Ohio AIR-SPEED Louisville Cement Co 501 § 2nd St Louisville 2 Ky AIR-O-BLIND Air-O-Blind Div Brown Mfg Co 1940 Linwood Oklahoma City Okla AIR-WAE Trade-Wind Motor Fans Inc 7755 Paramount Blvd Rivera Calif AIRCRAFT Simplex Brooder Stove Co 220 Grandville SW Grand Rapids Mich AIROME ROOF LOUVER Rudeen (N H) Co 1645 Hennepin Minneapolis 3 Minn AIREFRIGERATION COOLING The William-son Company 3500 Madison Rd Cincinnati 9

- Company 3500 Madison Rd Cincinnati 9
- Ohio AIRESS Consolidated General Prods Inc PO Rox 7425 Houston Texas AIREX Rex Windows Inc 515 Bonham Ave Columbus 3 Ohio AIRLIFT Swartwout Co 18511 Euclid Ave Cleveland 12 Ohio AIRLIFT FIBERGLAS Plastic Woven Prods 51 Camden St Paterson NJ AIRLIFT SARAN Plastic Woven Prods 51 Camden St Paterson NJ

also be valuable in determining the source of repair and replacement parts on products and equipment.

Wherever possible brand names which are synonymous with the manufacturer's name have been omitted as these may be readily located in the classified Directory of Products and Equipment Manufacturers.

> AIRLOUVER Swartwout Co 18511 Euclid Ave Cleveland 12 Ohio AIRLLME Eastern Machine Prod Co 1601 Wicomico St Baltimore 30 Md AIRMASTER Airmaster Corp 4317 Ravenswood Ave Chicago 13 Ill AIRMOVER Swartwout Co 18511 Euclid Ave Cleveland 12 Ohio AIROAES National Airoil Burner Co 1284 E Sedgley Ave Philadelphia 34 Pa AIRO-VENT Peerless Products 4319 Indepen-dence Kansas City 24 Mo AIRPATH Goodrich (B F) Co Flooring Div 36 Nichols Ave Watertown 72 Mass AIRSTP Mitchel Rubber Prods Inc 2114 San Fernando Los Angeles 65 Calif AIRTEM Pitchel Rubber Prods Inc 2114 San Fernando Los Angeles 65 Calif AIRTEMP Airtemp Div Chrysler Corp 1610 Webater St Dayton 1 Ohio AKBAR Kinnear Mfg Co 7th & Fields Ave AIRLOUVER Swartwout Co 18511 Euclid Ave

- AIRTEMP Airtemp Div Chrysler Corp 1610
   Webster St. Dayton 1 Ohio
   AKBAR Kinnear Mfg Co 7th & Fields Ave Columbus 16 Ohio
   AJAX Ajax Building Bracket Co 1551 Rydal Mt Rd Cleveland Hts Ohio
   AJAX United Screw & Bolt Corp 3590 W 58th St Cleveland 2 Ohio
   AJAX BRAND Cincinnati Sheet Metal & Roofing Co 230 E Front St Cincinnati 2 Ohio
   AL SEAL Reese Metal Weatherstrip Co 712 Park Ave Minneapolis Minn
   ALABAMA Alabama Metal Lath Co Inc 3235 Fayette Ave Birmingham 1 Ala
   ALABASTEX Alabastine Paint Prods 2629 Grand Ave Chicago 12 Ill
   ALABAX Pasa & Seymour Inc 50 Boyd Ave Syracus 9 NY

- Syracuse 9 NY ALADDIN READI-CUT HOUSES Aladdin Co

- Syracuse 9 NY ALADDIN READI-CUT HOUSES Aladdin Co 212 Davidson Bidg Eay City Mich ALASKA Washington Stove Wks 3402-22 Smith St Everett Wash ALCO-LITE Aluminum Ladder Co Dept F 6 Box 101 Worthington Pa ALDA Alda Manufacturing Co Cherry & James Sts E Hartford Conn ALDURA New York Wire Cloth Co York Pa ALEMITE VERSATAL Stewart-Warner Corp 1828 W Diversey Chicago 14 III ALENCO JALOUSTES Albritton Engineering Corp 2501 Wronton Rd Houston 5 Texas ALFOL Reflectal Corp Subsidiary Borg-War-ner 310 So Michigan Ave Chicago 4 III ALGRID Richards (J Merrill) 25 Huntington Ave Boston 16 Mass ALIGN Bowerston Shale Co Box 155 Bowers-ton Ohio

- ALKATITE Pratt & Lambert Inc 75 Tona-wanda St Buffalo 7 NY ALKCO Alkco Mfg Co 4242 N Lincoln Chi-

- ALKCO Alkco Mfg Co 4242 N Lincoln Chi-cago 18 Ill ALWINTITE Alwintite Div General Bronze Corp Stewart Ave Garden City NY ALL AMERICAN Eagle Rule Mfg Corp 510 Hunts Pt Ave New York So NY ALL-GABLE LOUVERS Maco Corp 1345 Henry St Huntington Ind ALL-OVER DOOR General Door Mfg Co PO Box 60 West Bend Wisc ALL-FURPOSE Autoryre Co Oakville Conn ALL-WEATHER CRETE Silbrico Corp 5001 W 65th St Chicago 38 Ill ALLEGHENY LUDLUM STAINLESS STEEL Allegheny LUDLUM STAINLESS STEEL Allegheny LUDLUM STAINLESS STEEL

ALLEGHENY LUDLUM STAINLESS STEEL Allegheny Ludhum Steel Co Oliver Bidg Pittshurgh 22 Pa ALLEN Allen Steel Products Inc 2941 E Ten Mile Rd Hazel Park Mich ALLIANCE WARE Allianceware Inc Box 809 Alliance Ohio ALLITE Barrett Div Allied Chemical & Dye 40 Rector St New York 6 NY ALLITH Allith Prouty Inc 819 N Bowman Ave Danville III

Danville III ALITEMP Carey (Philip) Mfg Co 320 S Wayne Cincinnati 15 Ohio ALLWEATHER LOUVERS Rudeen (N H) Co 1645 Hennepin Minneapolia 3 Minn 1645 Hennepin Minneapolis 3 Minn ALLWOOD Oregon Lumber Co Baker Ore

AMERICAN BUILDER

AL-OX Clover Mfg Co 327 Main St Norwalk

AL-OX Clover Mig Co 327 Main St Norwalk Conn ALOXITE Carborundum Co Buffalo Ave Niagara Falls NY ALSTEEL St Louis Fire Door Co 400 Withers Ave St Louis 7 Mo ALSYNITE Alsynite Co of America 4654 De-Soto St San Diego 9 Calif ALTEX Altex Engineering Co 125 Industrial Rd Summerville SC ALUM-A-COAT Protectub Inc 71 Ludlow St New York 2 NY ALUMAROLL Orchard Bros Inc 63 Meadow Rd Rutherford NJ ALUMEX Mexico Refractories Co Love & Cole Sts Mexico Mo

Sts Mexico Mo ALUMI-COUSTIC Cupples Products Corp 2650 S Hanley Rd St Louis 17 Mo ALUMIKOTE Vita-Var Corp 10 Commerce Ct

Newark NJ ALUMINUM SNAP-ON Wisco Aluminum Corp

ALUMIWALL Bestile Mfg Co PO Box 71 On-

ALUMIWALL Bestue MIG Co PO Box 71 Un-tario Calif ALUMIZEL Wenzel (H) Tent & Duck Co 1035 Hickory 85 tLouis Mo ALUNDUM Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY ALUNDUM Norton Co 1 New Bond St Worces-ters 6 Merces

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AMBROID Ambroid Co Box 30 Weymouth 88

AMBROID Ambroid Co Box 30 Weymouth 88 Mass AMER-GLAS Herman Nelson Div American Air Filter 215 Central Ave Louisville Ky AMER-PLY-WOOD Lehwood Corp 1703 Iron-wood South Bend Ind AMER-PLY-WOOD Southwood Corp. PO Box 391 Fort Worth Texas AMERICAN Columbia-Geneva Div US Steel Russ Bidg San Fran 6 Calif AMERICAN Tenn Coal & Iron Div US Steel PO Box 599 Fairfield Ala AMERICAN ADJUSTABLE MAIL CHUTE American Device Mfg Co Steeleville III AMERICAN COLONIAL Johns-Manville Corp 22 East 40th St New York 16 NY AMERICAN DUA-LAPS American Stained Shingle Co 381 West Spruce St Columbus Obio

Ohio AMEPCO American Extruded Prods Co 1023 N La Brea Ave Los Angeles 38 Calif AMERICAN SUPER 8 American Floor Sur-facing Mach 515 S tt Clair St Toledo 3 Ohio AMERICAN SWISS Heller Tool Co Heller Dr 0

- Newcomerstown Obio Newcomerstown Obio AMERICAN THATCH Old American Roofing Mills 7600 Truman Rd Kansas City Mo AMERICAN THATCH Old American Roofing Mills Div Ruberoid Co 500 Fith Ave New York 36 NY AMERICAN THATCH Ruberoid Co 500 5th Ave New York 36 NY AMERICAN TRADITIONAL Masury (John Wi & Son Inc 1700 Bayard St Baltimore 30 Md

AMERICAN TUBULAR TOWER Universal Mfg Corp W New Castle Zelienople Pa AMERICAN TUBULAR TOWER Universal Mfg Corp W New Castle Zelienople Pa AMERWOOD Lehwood Corp 1703 Ironwood South Bend Ind AMERWOOD Southwood Corp PO Box 391 Fort Worth Texas AMIDON FITTINGS Amidon Engineering Co 38389 Cleveland Rd Elyria Ohio AMPLICALL Rauland-Borg Corp 3515 W Addison Chicago 18 III AMTICO American Biltrite Rubber Co Perrine Ave Trenton 2 NJ Dietz Rd Warren Ohio Dietz Rd Warren Ohio Dietz Rd Warren Ohio AMACIODA Anaconda Copper & Brass Div American Brass 414 Meadow St Waterbury 20 Conn

20 Conn ANCHOR Stratton Terstegge Co Anchor Div 300 Culbertson Ave New Albany Ind ANCHOR Barrett Div Allied Chemical & Dye 40 Rector St New York & NY ANCHOR Lufkin Rule Co 1730 Hess Ave Saginaw Mich ANCHOR Maze (W H) Co Church St & River Peru III

Peru III ANCHOR Merwin Mfg Co 19th & German Erie

ANCHOR Merwin Mfg Co 194n & German Erre Pa ANCHOR Woodenware Prods Corp 122 N 7th St St Louis 1 Mo Doren Champaign III ANCHORFAST NAILS Independent Nail & Packing Co Stone St Bridgewater Mass ANCHORFAST NAILS Independent Nail & Dye 40 Rector St New York 6 NY ANDROC PENTA Androc Chemical Company 7201 W Lake St Minneapolis Minn ANDROCK Washburn Co 28 Union St Worces-ter Mass

- ter Mass ANDRUS Hoe (R) & Co Inc 910 East 138th St New York 54 NY
- ANKOR SET Rock-Tred Corp 7440 N St Louis

APRIL 1956

- ANTCHEK Rotenone Products Co 110 Eaton Pl East Orange NJ ANTHRA-FLO Coal-O-Matic Div Dallas Engi-neers Main St Trucksville Pa ANTI-SWEAT Johns-Manville Corp 22 East 40th St New York IS NY ANTY-CHECK Rockford Paint Mfg Co 200 Sayre St Rockford Ill ANYSTREAM Speakman Co 30th & Spruce Sta Wilmington 99 Del APCO Aluminum Products Co 1901 Franklin Ave Houston Texas APECO American Photocopy Equip Co 1920 W Peterson Ave Chicago Ill APEX Woodenware Prods Corp 122 N 7th St St Louis I Mo

- St Louis 1 Mo APPLETON Appleton Electric Co 1701-59 Wel-
- st Louis 1 Mo APPLETON Appleton Electric Co 1701-59 Wel-lington Chicago 13 Ill APPLEY LITTLE GIANT Appley & Son Inc \$25 9th St No St Petersburg Fla APRILAIRE Research Products Corp 1015 E Washington Madison 10 Wis AQUA GUN Melnor Metal Products Co Inc 10-40 45th Ave Long Island City NY AQUAPEL American Cement Products 7306 Puritan Ave Detroit 38 Mich AQUA SEAL Sullivan Co (The) 212 E Trigg Memphis 2 Tenn ARCH CAPE Arch Cape Shingle Co Box 100 Arch Cape Oregon ABCHIECT Bird & Son Inc 47 Wilson St East Walpole Mass ARCTILE American Rubber Corp PO Box 290 Abertville Ala

- Albertville Ala AREX-AUSTOR Arex Co 612 N Michigan Ave
- AREA-AUSTOR AFEX Co 612 N Michigan Ave Chicago 11 Ill ARID-KOTE Masonry Waterproofing Co Inc Box 1061 North Sta Arlington 7 Va ARID-MIX Masonry Waterprofing Co Inc Box 1061 North Sta Arlington 7 Va ARIN AFEX Co 612 N Michigan Ave Chicago
- 11 III ARISLIDE Michael & Pfeffer Iron Works Inc 212 Shaw Road San Francisco Calif ARISTO Fiat Metal Mfg Co 9301 W Belmont Ave Franklin Pk III ARISTO-BRIC Ruberoid Co 500 5th Ave New Vark 26 NY

- Are Franklin Pk III Ave Franklin Pk III Ave Franklin Pk III ARISTO-ERIC Ruberoid Co 500 5th Ave New York 36 NY ARISTO-CRAT Ohio Window Glass Co 4045-7 St Clair Cleveland 14 Ohio ARISTO-SHAKE Ruberoid Co 500 5th Ave New York 36 NY ARISTONE Ruberoid Co 500 5th Ave New York 36 NY ARISTONE Ruberoid Co 500 5th Ave New York 36 NY ARISTOPAVE Thomas Moulding Floor Co Ine 225 West Huron St Chicago 10 III ARIZONA DESERT TONES Jacobson Evans Stone Co Ine 3232 E 31st St Tubas Okla ARKANSAS MULTI-LEDGE Jacobson Evans Stone Co Ine 3232 E 31st St Tubas Okla ARKANSAS MULTI-LEDGE Jacobson Evans Stone Co Ine 3232 E 31st St St Tubas Okla ARKATSZ E 31st St Tubas Okla ARKETEX Arketex Ceramic Corp 6 N Walnut St Broadway Green Bay Wisc ARLINGTON Gerber Plumbing Fixtures 232 N Clark St Chicago 1 III ARMASEAL Huttig Sash & Door Co 1206S Vanderventer St Louis 10 Mo ARMATOL Huttig Sash & Door Co 1206S Vanderventer St Louis 10 Mo ARMOIOL Huttig Sash & Door Co 1206S Vanderventer St Louis 10 Mo ARMOIOL Huttig Sash & Door Co 1206S Vanderventer St Louis 10 Mo ARMOND Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA Anacortes Veneer Inc PO Box 71 Anacortes Wash ARMORDA ANACORD Vark 36 NY

- ARMORPLY United States Plywood Corp 55 W 44th St New York 36 NY ARMSTRONG-BRIDGEPORT Capewell Manu-facturing Co 60 Governor St Hartford 2
- Conn ARPS DUAL-ACTION DOZER Arps Corp New Holstein Wise ARPS TRENCH HOG Arps Corp New Holstein
- Wisc ARRANGEABLE COOKING UNITS Roper (Geo D) Corp Blackhawk Pk Ave Rockford

- III S. D. Corb, Disking the Research of the

- ARROWHEAD Weather Seal Co 10 E Pearl St Cincinnati 2 Ohio ARROWHEAD Webb Prods Co 216 S G St San Bernardino Calif ARTCRAFT Huntington Industries Inc 2368 Prospect St Memphis Tenn ARTRIM Superior Industries Inc 3786 Oak-wood Ave Youngstown 9 Ohio ASBESTILE Johns-Manville Corp 22 East 40th St New York 16 NY ASBESTICEL Johns-Manville Corp 22 East 40th St New York 16 NY ASBESTICEPOPGE Johns-Manville Corp 22 East 40th St New York 16 NY

ASBESTOS SEAL Verflex Sales Corp 115-117 Moonachie Carlstadt NJ ASHLAR VENEER Briar Hill Stone Co Glen-

- ASHLAR VENER Briar Hill Stone Co Gien-mont Ohio ASHTONE The Bloomington Limestone Corp 900 Walnut Box 44 Bloomington Ind ASHVEYOR Brady Conveyors Corp 20 W Jackson Blvd Chicago 4 Ill ASPCO Anniston Soil Pipe Co Inc PO Box 191 Anniston Ala ASPHALCRETE Thomas Moulding Floor Co Inc 225 West Huron St Chicago 10 Ill ATHEY Warnica Products 6416-18 S Ashld Ave Chicago 36 Ill ATHON Label Machine & Endry Co 82 South
- Chicago 36 Ill ATHOL Athol Machine & Fndry Co 82 South
- ATK Atkinson Mfg Co 502-14 5 James Ludington Mich ATKINS SILVER STEEL Atkins (E C) Div Borg-Warner 402 S Illinois St Indianapolis

9 Ind ATLANTIC Portland Stove Foundry Co 57 Kennbec St Portland Maine ATLAS Irvington Form & Tank Co 20 Vesey St New York NY ATLAS True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio ATLAS Wordt Ohio Parde Corp 162 W 7th St

ATLAS Woodenware Prods Corp 122 N 7th St St Louis 1 Mo ATLAS COMPO FORMS Irvington Form & Tank Co 20 Vesey St New York NY ATLAS SPEED FORMS Irvington Form & Tank Co 20 Vesey St New York NY ATLAS WORKSHOP Atlas Press Co 1901 N Pitcher St Kalamazoo Mich ATMOS-THERM Rempe Co 340 N Sacramento Chicazo 12 Ill

Chicago 12 Ill ATTIC-AIR Acme Equipment Co 213 E Broad-

ATTIC-AIR Acme Equipment Co 213 E Broad-way Muskogee Okla AUBURN Auburn Foundry Co Ine Heating Div Dallas & 11th St Auburn Ind AUDITONE United States Gypsum Co 300 W Adams St Chicago 6 Ill AUTO-BLOC Round (David) & Son Ine PO Box 883 Cleveland 22 Ohio AUTO LOCK Superior Scaffold Co 5624 Bank-field Ave Culver City Calif AUTOMATIC Automatic Washer Co Newton Iowa

AUTOSHIFT Hamilton Mfg Co 1316 18th St Two Rivers Wise AW ALGRIP Wood (Alan) Steel Co Ivy Rock

AW ALGRIP Wood (Alan) Steel Co Ivy Rock Rd-Conshohocken Pa AW-CUT-NALS Wood (Alan) Steel Co Ivy Rock Rd Conshohocken Pa AW SUPER-DIAMOND Wood (Alan) Steel Co Ivy Rock Rd Conshohocken Pa AWNAIR Awnair Co Route 202 Wayne NJ AXIAL FLOW Trade-Wind Motor Fans Inc 7755 Paramount Bivd Rivera Calif AZROCK Azrock Prods Div Uvalde Rock Asph Box 531 San Antonio 6 Tex AZTEC Sullivan Co (The) 212 E Trigg Mem-phis 2 Tenn

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BB CONVEYOR New London Engineering Co 1700 Division St New London Wisc B F GOODRICH Goodrich (B F) Co Flooring Div 36 Nichols Ave Watertown 72 Mass BGR Bay State Abrasive Prods Co Union St

Westboro Mass B-K POWDER Penna Salt Mfg Co 3 Penn Center Plaza Philadelphia 7 Pa BLP Mobile Paint Mfg Co PO Box 1686 Mobile Ala BABCOCK Babcock (W W) Co Inc Delaware

BABCOCK Babcock (W W) Co Inc Delaware Ave Bath NY BACHERBOND Air O Cel Co PO Box 62 Fern-dale Detroit 20 Mich BADGER Plumbers Woodwork Co Box 157 Algoma Wisc BADGER LINE Advance Car Mover Inc 112 N Outagamie St Appleton Wis BAKELITE Bakelte Div Union Carbide & Carbon Corp 30 East 42nd St New York NY GAKER Baker Mfg Co 133 Enterprise St Evanaville Wisc

BAKEN Baker MIE CO 100 Emerged Evansville Wise BAKER SCAFFOLDS Baker Roos Inc 602 W McCarty St Indianapolis 6 Ind BALANCED-FLOW Goulds Pumps Inc 75 Fall St Seneea Falls NY BALL-RITE Cummins Portable Tools 5055 N Lydell Ave Milwaukee 17 Wise BALSAM-WOOL Wood Conversion Co 1st Natl Bank Bldg St Paul 1 Minn BAMBIO De Jong Inc 34-23 36th St Long Island City 1 NY PAMBGOFOLD American Bamboo Corp 171-

Island City I NY BAMBOOFOLD American Bamboo Corp 171-04-06 Jamaica Jamaica 32 NY BANDLITE Mississippi Glass Co 88 Angelica

BANDLITE Mississippi Glass Co 88 Angelica St St Louis 7 Mo
BANNER The Commercial Paste Co Buttles at Mich Columbus 8 Ohio
BANOX W T Calgon Inc 323 Fourth Ave Pittaburgh Pa
BANTAM Grant Pulley & Hardware Corp 31-85 Whitestone Flushing 54 NY
BANTAM Schield Bantam Co 262 Park St Waverly Iowa
BANTAM True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio
BAR-BROK Bar Brook Mfg Co 6133 Linwood

Cleveland 15 Ohio BAR-BROOK Bar Brook Mfg Co 6133 Linwood Ave Shreveport La

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ware Prods Corp 122 N 7th St.

ATLAS Woo

- BAR-CORODE Mobile Paint Mfg Co PO Box
- 1686 Mobile Ala BARCALO-BUFFALO Barcalo Mfg Co 225 Louisiana Buffalo 4 NY BARCALOY Barcalo Mfg Co 225 Louisiana Buffalo 4 NY
- Buffalo 4 NY BARCOL Barber Colman Co Park Plant Rock-
- ford III BARLASTIC Barland Weatherstrip Material 1960 E 59th St Cleveland 3 Ohio BARRETT-HOLT Barrett Div Allied Chemical & Dye 40 Rector St New York 6 NY BASOLIT Nukem Products Corp III Colgate Ave Buffalo 20 NY to 100 Contor
- BASOLIT Nukem Products Corp 111 Colgate Ave Budfalo 20 NY BAY CITY Bay City Shovels Inc 2611 Center Bay City Mich BAY STATE Devoe & Raynolds Co Inc 401 W Main St Louisville 2 Ky BAYFLEX Bay State Abrasive Products Co Union St Westboro Mass BAY LAUN-BRAND Elliott Bay Mill Co 600 W Spokane St Sentle 4 Wash BE MA CO Beaver Mfg Co 800 S Isis Ave Inclewed 1 Colling

- Inglewood 1 Calif BEACON TRIPLE-SLIDE Allied Metal Inc.

- Inglewood 1 Calif BEACON TRIPLE-SLIDE Allied Metal Inc 14 Hamilton St New London Conn BEAD-RITE Marino Lathing Supply Co 309 Denton Ave New Hyde Pk LI NY BEADEX Beade X Sales Inc 4615 Eighth Ave NW Seattle 7 Wash BEADEX CORNER BEAD Beade X Sales Inc 4615 Eighth Ave NW Seattle 7 Wash BEAME-HUGGER Round (David) & Son Inc PO Box 883 Cleveland 22 Ohio BEAUTEX Beautex Plaster Mfg Co 13 Button-wood St Lebanon Pa BEAUTELOB Johnson (S C) & Co Inc 1525 Howe St Racine Wise BEAUTEY BARROW Morthwest Metal Prod-ucts Inc 55 Spokane St Seattle 4 Wash BEAUTEY BARROW Morthwest Metal Prod-ucts Inc 55 Spokane St Seattle 4 Wash BEAUTEY BARROW Morthwest Metal Prod-ucts Inc 55 Spokane St Seattle 4 Wash BEAUTEY BARROW Morthwest Metal Prod-ucts Inc 55 Spokane St Seattle 4 Wash BEAUTYCAPT Beautycraft Kitchens Div 2215 Russell St Baltimore 30 Md BEAUTY-CLAS Beec Corp 2915-17 Canton St Dallas 26 Texas

- Dallas 26 Texas Dallas 26 Texas BEAUTY QUEEN Toledo Desk & Fixture Co 1920 Ford Rd Maumee Ohio BEAUTYLINE Holcomb & Hoke Mfg Co Inc 1545 Van Buren Indianapolis 7 Ind BEAUTYRANGE Odin Stove Mfg Co 342 West
- 12th Erie Pa BEAUTY-TONE Vita-Var Corp 10 Commerce
- Ct Newark NJ BEAUTY WALL SHAKES Douglas Fir Whole-
- BEAUTY WALL SHARES Douglas Fir Whole-salers inc Maryaville Wash BEAVER Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa BEAVER Mansfield Sanitary Pottery Inc
- BEAVER Mansfield Sanitary Pottery Inc Perryaville Ohio BEAVER Samson Cordage Works 470 Atlantic Ave Boaton 10 Mass BEAVER Western Reserve Mfg Co 3710 E 93rd St Cleveland 5 Ohio
- BEE GEE Brown-Graves Co 191 E Miller Ave
- BEE GEE Brown-Graves Co 191 E Miller Ave Akron 1 Ohio BEHR-CAT Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY BEHR-MANNING Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY NELCOBALSA Balaso Ecuador Lumber Corp 500 Fifth Ave New York 36 NY BELDEN Gagnon Clay Products Co 526 S Broadway Green Bay Wise BELL PRIME-MOVER Prime Mover Co Samp-aon St Muscatine Iowa

- Son St Muscathe Iowa BELMAR Howe Manufacturing Corp 1203 S Jackson St Janesville Wise BELTEVATOR Buschman (E W) Co Inc
- BELITEVATOR Busenman (E W) Co Inc Clifton at Winton Cincinnati 32 Ohio BEMISWALL Bemis Bros Bag Co 408 Pine St Box 7 St Louis 2 Mo BEN FRANKLIN United States Gypsum Co
- 300 W Adams St Chicago 6 Ill BEN-HUR FREEZER Ben-Hur Mfg Co 634 E Keefe Ave Milwaukee 12 Wisc BENDICK SELF-LEVELING LADD Richbilt
- BENDICK SELF-LEVELING LADD Richbilt Manufacturing Co 3277 Spring Grove Cin-cinnati 25 Ohio
   BENDIX Groaley Div Aveo Mfg Corp 1329 Arlington St Cincinnati 25 Ohio
   BENDIX-FRIEZ Abbeon Supply Co 179-15 Jamaica Ave Jamaica 32 NY
   BENEFIRE Bennett-Ireland Inc 23 State St Norwich NY
- BENEFORM Bennett-Ireland Inc 23 State St
- BENNETT BILT Bennett Mfg Co Railroad St
- Alden NY BENWOOD FINISHES Moore (Benjamin) & Co 511 Canal St New York 13 NY BEREA SANDSTONE Cleveland Quarries Co
- Amherst Ohio BERG Sandvik Saw & Tool Div Sandvik Steel 1702 Warren St New York 7 NY BERGER Berger Furnace Corp 4th & Main St
- Belle Vernon Pa BERKELEY FLEX-SEAL Allied Metal Inc 14 Hamilton St New London Conn BERMICO Brown Co 150 Causeway St Boston
- 14 Mass BESLITE Marietta Concrete Corp 1949 Reg-
- BESLITE Marietta Concrete Corp 1949 Reg-ister Ave Marietta Ohio BESSAM Bessam Engineering Co 2528 Over-look Rd Cleveland Hts 6 Ohio BEST-VENT Per-Fit Products Corp 1200 East 52nd St Indianapolis 5 Ind BESTILE Bestile Mfg Co PO Box 71 Ontario Colif

- BESTWALL Certain-Teed Products Corp 120 BESTWALL Certain-Teed Products Corp 120 E Lancaster Ave Ardmore Pa BETSY ROSS Carey-Mcfall Co 2156 E Dauphin St Philadelphia 25 Pa BEVADOR Jewett Refrigerator Co 2 Letch-worth St Buffalo 13 NY BEVELITE Mississippi Glass Co 88 Angelica St St Louis 7 Mo BEVIL-DEVIL Kimball Mfg Co 816 Univers-

- ity Pl Evanston III BI-FLO Aerovent Fabricators Inc Ash &
- Benton Sts Piqua Ohio BIANCO KITCHEN HOSTESS NOOKS Bianco
- Mfg Co 2736 Victor St St Louis 4 Mo BIDDLES ELASTIC Biddle Co 608-624 S Main
- BIDDLES ELASTIC Biddle Co 608-624 S Main St Louis 2 Mo BIG DIPPER Gerber Plumbing Fixtures 232 N Clark St Chicago 1 III BIGMESH Inhand Steel Products Co 4111 W Burnham Milwaukee Wise BIG TIMBER-BRAND Elliott Bay Mill Co 600 W Sochang St Sastila 4 Wash
- 600 W Spokane St Seattle 4 Wash BILCO Bilco Co PO Box 1203 West Haven 5
- Conn BILDRITE Insulite Co Minnesota Ontario Paper Co 500 Investors Bldg Minneapolis 2
- Paper Co 500 Investors Bldg Minneapolis 2 Minn BILT-RITE Clifton Mfg Co 323 Pleasant St E
- BILT-RITE CUITON BILE OF STATE Adams & Waco Texas BILT-WELL CARR-DOR Carr Adams & Collier Co 11th & Jackson Dubuque Iowa BILT-WELL CLOS-TITE Carr Adams & Col-lier Co 11th & Jackson Dubuque Iowa CHITE WELL COM-O-DOR Carr Adams &
- BILT-WELL CLOS-TITE Carr Adams & Col-lier Co lith & Jackson Dubuque Iowa BILT-WELL COM-O-DOR Carr Adams & Collier Co lith & Jackson Dubuque Iowa BILT-WELL SUPERIOR Carr Adams & Col-lier Co lith & Jackson Dubuque Iowa BILTRITE DOME Clitton Mfg Co 323 Pleas-

- BILLIKITE DOME CIRCON MIG CO 323 Pleas-ant St E Waco Texas BIN-BATCHER Construction Machinery Co 420 Vinton St Waterloo Iowa BIN-VEYOR Bosworth Mfg Co Mills Rd Avon
- Ohio BIRCHINA Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich BITUSEAL Cheeseman-Elliot Co Inc 645 Kent
- Ave Brooklyn 11 NY BLACK ARROW Black Mfg Co 201 Second St
- Ave Brooklyn 11 NY BLACK ARROW Black Mfg Co 201 Second St Harrison NJ BLACK DIAMOND Barrett Div Allied Chem-ical & Dye 40 Rector St New York 6 NY BLACK FLAG Boyle-Midway Inc 22 E 40th St New York 16 NY BLACK WHALE Astrup Co 2937 W 25th St Cleveland 13 Ohio BLACK SHILLD Barrett Div Allied Chem & Dye 40 Rector St New York 6 NY BLACKSTONE Old American Roofing Mills 7600 Truman Rd Kansas City Mo BLACKSTONE Old American Roofing Mills 7600 Truman Rd Kansas City Mo BLACKSTONE Old American Roofing Mills 7600 Truman Rd Kansas City Mo BLACKSTONE Old American Roofing Mills 7600 Truman Rd Kansas City Mo BLACKSTONE Old American Roofing Mills 7600 Truman Rd Kansas City Mo BLACKSTONE Old American Roofing Mills 7600 Truman Rd Kansas City Mo BLACKSTONE Old American Roofing Mills 7600 Truman Rd Kansas City Mo BLACKSTONE Old American Roofing Mills 7600 Truman Rd Kansas City Mo BLACKSTONE Old American Roofing Mills 7600 Truman Rd Kansas City Mo

- BLEND-AIR Coleman Co Ine 250 No St Fran-cie Wichita I Kan BLENDTEX United States Gypsum Co 300 W Adams St Chicago 6 III BLINDFOLD De Jong Inc 34-23 36th St Long Island Cty 1 NY BLO-CRETE Wright Hoist Div American Chain Co York Pa BLOCKECE Certain-Teed Products Corp 120 E Lancaster Ave Ardmore Pa BLOCKMASTER 3 Multiplex Machine Co Div Multipack 7400 Grand Div Ave Cleveland 25 Ohio

- Multipack 7400 Grand Div Ave Cleveland 25 Ohio BLOC-SEAL Surface Protection Co 16799 Euclid Ave Cleveland 12 Ohio BLO-FAN Pryne & Company Inc 140 N Towne Pomona Calif BLOK-MESH Carter Waters Corp 2440 Penn-way Kanaas City 8 Mo BLOK-SEAL Carter Waters Corp 2440 Penn-way Kanaas City 8 Mo BLOOD BANK REFRIGERATOR Jewett Re-frigerator Co 2 Letchworth St Buffalo 18 NY BLUBAG Woodville Lime Co 2140 Jefferson Ave Toledo 2 Ohio BLU-BLAZE Teseo Inc 1403 E 5th Ct Tulsa Okla
- Okla BLU-FLEX Miller Falls Co 57 Wells Street Greenfield Mass BLU-MOL Miller Falls Co 57 Wells St Green-
- BLU-MOL Miller Falls Co 57 Wells St Greenfield Mass
  BLUE BOND North American Cement Corp 41 East 42nd St New York 17 NY
  BLUE BOY Miracle Paint Rejuvenator Co 500 Robert St St Paul 1 Minn
  BLUE CIRCLE Dunkirk Radiator Corp 85 Middle Rd Dunkirk NY
  BLUE FLASL Bay State Abrasive Products Corp Into St Westboro Mass
  BLUE FLESL Bay State Abrasive Products Corp 120 E Lancaster Ave Ardmore Pa
  BLUE RIBBON Goshen Mfg Co 10th & Reynolds Sts Goshen Ind
  BLUE RIBBON Miner-Hillard Milling Co 826 See Nat Bank Wilkes-Barre Pa
  BLUE TP Simonde Saw & Steel Co 470 Main

- BLUE TIP Simonds Saw & Steel Co 470 Main St Fitchburg Mass BLUSH BLUFFS Bowerston Shale Co Box 155 Bowerston Ohio

BO PEEP Carey-Mefall Co 2166 E Dauphin St

Philadelphia 25 Pa BOARDMASTER Universal Drafting Machine Co 7960 Lorain Ave Cleveland 2 Ohio BOCADO Glen-Gery Shale Brick Corp Box 182 BOCADO Glen-Gery Shale Brick Corp Bas Wyomissing Pa BOLTA Bolta Prods Div General Tire 70 Gar-den St Lawrence Mass BOMMER SPRING HINGE Bommer Spring Hinge Co Inc Landrum SC BONANZA Wooster Brush Co 600 Madison Ave Wooster Ohio Ave Wooster Ohio

Ave Wooster Brush Co 600 Madison Ave Wooster Ohlo BONDACTOR Air Replacement Equipment Co 1009 11 W 24th St Kansas City 8 Mo BONDCRETE United States Gypsum Co 300 W Adams St Chicago & 111 BONDERITE Parker-Rust Proof Co 2177 E Milwaukee Detroit 11 Mich BONDEX Reardon Co 7501 Page Ave St Louis

14 Mo BONDKOTE National Mfg Corp 3343 Flanagan St Tonawanda NY BONDRITE Standard Paste & Glue Co Inc 3620 W 38th St Chicago 32 III BONDSTONE Emco Cement Prods Shamokin

Pa BONDWOOD Harris Mfg Co Grover at Walnut

BONDWOOD Harris Mfg Co Grover at Walnut Johnson City Tenn BONIDE Bonide Chemical Co 384 N Genesce Utica 4 NY BONTEX Columbus Coated Fabrics Corp Seventh & Grant Aves Columbus 16 Ohio BOR-N-SET Challenger Lock Co 4865-4903 Ex-position Los Angeles Calif BORD-JAK Maco Corp 1345 Henry St Hunt-ington Ind

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Ington Ind BOROLON Simonds Abrasive Co Tacony & Fraley Sta Philadelphia 37 Pa BOSCO Bowerston Shale Co Box 155 Bowerston Ohio BOSTITCH Bostitch Inc 1101 Mechanic St BOSTITCH Bostitch Inc 1101 Mechanic St Westerly RI BOT-TITE Pyramid Mouldings Inc 5353 W Armstrong Chicago 30 Ill BOYCO PRODUCTS US Steel Products Div-US Steel 30 Rockefeller Pla New York 20

NY BRADLEY Bradley Lumber Co of Ark PO Box 390 Warren Ark BRAINARD Brainard Steel Div Sharon Steel Griswold St Warren Ohio BRASCO Brasco Mfg Co 152nd Commercial Howwer

Harvey III BREEZE DRIP-LESS Superior Paint & Var-nish Works 2256 N Elston Chicago III BREEZEMASTER Acme Equipment Co 213 E Broadway Muskogee Okla BREEZEMASTER Angel Novelty Co 340 Broad

St Fitchburg Mass BRENLIN LITEPROOF Braund-Harmon Co Wabeek Bldg Birmingham Mich BRESSLER Kol-Master Corp 124 Walberg St

Oregon III BRIAR-HILL Briar Hill Stone Co., Glenmont

BRIAR-HILL Briar Hill Stone Co., Glenmont Ohio
BRICK-N-SEAL Dewatex Mfg Corp 424 W 42nd St New York 36 NY
BRICK-TEX Certain-Teed Products Corp 120 E Lancaster Ave Ardmore Pa
BRIDJOINT United States Gypaum Co 300 W Adams St Chicago 6 Ill
BRIGGS BEAUTYWARE Douglas (John) Co 71st & B&ORR Cincinnati Ohio
BRIK-TOTER Mar-Rail Conveyor Co 560 York Ave Pawtuckt RI
BRIKSULITE Gold Seal Asphalt Roofing Co PO Box 302 Chicago His Ill
BRILLIANT FIRE Ohio Foundry & Mfg Co 629 Slack St Steubenville Ohio
BRISTOLS Bristol Co PO Box 1790 Waterbury 20 Con

20 Conn BRITE-LITE Brainard Steel Div Sharon Steel Griswold St Warren Ohio BRIXITE Brixite Mfg Co Inc So Kearny NJ BRIXMENT Louisville Cement Co 501 S 2nd St

Louisville 2 Ky BROAD SHADOW Barrett Div Allied Chem-ical & Dye 40 Rector St New York 6 NY BROADLITE Mississippi Glass Co 88 Angelica St St Louis 7 Mo BROADWAY Farley & Loetscher Mfg Co Dubuous Is

BROADWAY Farley & Loetscher Mfg Co Dubuque Ia BRODRIL American Logging Tool Co 4203 Union Blvd St Louis 15 Mo BROLOC American Logging Tool Co 4203 Union Blvd St Louis 15 Mo BROMCO Bromwell Wire Goods Co 1306-7 En-quirer Bldg Cincinnati 2 Ohio BRONCO Woodward Lumber Co Joseph Vance Didg Scattle 1 Wash

BRONCO Woodward Lumber Co Joseph Vance Bldg Seattle 1 Wash BRONZEGLOW BIRCH H. J. Scheirich Co 4460 Louisville Ave Louisville 9 Ky BROWN BEAR Gardner Wire Co 1325 S Cicero Chicago 50 Ill

BROWN-LABEL Johnson (S C) & Co Inc 1525 Howe St Racine Wisc BROWNSKIN Angier Corp Fountain St Framingham Mass BROWNSKIN FOIL BARRIER Angier Corp Fountain St Framingham Mass BROWN-X Pass & Seymour Inc 50 Boyd Ave Syracuse 9 NY

Syracuse 9 NY BRUCE Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn BRULE Brule Incinerator Corp 407 S Dear-born St Chicago 5 Ill

AMERICAN BUILDER

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BRULE Goder Incinerator Corp 407 S Dearborn St Chicago 5 Ill
 BRUSH Brush Nail Expansion Bolt Co Green-

- BRUSH Brush Pall Expansion End to steen wich Conn BUCKEYE Youngstown Sheet & Tube Co Stambaugh Bildy Youngstown 1 Ohio BUCKEYE Wood (Gar) Industries Inc Michi-gan Blud Wayne Mich BUCKEYE FLOOR PAPERS Sandpaper Inc
- BUCRETE FLOOR PAPERS Sandpaper Inc 83 E Water St Rockland Mass
   BUDGET INTERLOCK Jones & Brown Inc 439 Sixth Ave Pittsburgh 19 Pa BUDGIT Shaw-Box Chain & Hoist Div Man-ning Maxwell & Moore Inc 414 Broadway Muskegon Mich BUFFALO Acme Rubber Mfg Co PO Box 1001 Tractice MI

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BUFFALO ACME RUDOF MIG CO FO MA TOT Trenton NJ BUFFALO Buffalo Mfg Corp 150 Pine St Grays Lake III BUG-AWAY Westinghouse Elec Corp Lamp

- BUG-AWAY Westinghouse Elec Corp Lamp Div Bloomfield NJ BUGMASTER Det Jen Corp Div Electrocuting Fly Screen Post Office Bldg Pleasant Valley
- BUILDERS FRAMES Builders Mfg Co 528 N

- BUILDERS FRAMES Builders Mfg Co 528 N 37th Box 3007 Birmingham Ala
   BUILTIN Standard Building Products Co 621 McDonald Ave Brooklyn 18 NY BULKBINDER Gerrard (A J) & Co 1950 Hawthorne Sq Melrose Park III BULL DOG FLOOR CLIPS New Monarch Machine & Stamping 406 SW Ninth St Des Mones 9 Iowa
   BULLCLAM Drott Mfg Corp 3841 W Wiscon-sin Milwaukea 8 Wisc
   BURKAY Smith (A O) Corp Permaglas Div PO Box 28 Kankakea III
   BURKS Decatur Pump Co 2750 Nelson Pk Rd Decatur III

- Decatur III BURT Burt Mfg Co 44 E South St Akron 11
- BURTON STEEL-HEAD Burton Saw Co 91
- Foster St Worcester Mass BUSHMAN Gensco Tools 1830 N Kostner Ave
- Chicago 39 III BUTTERFLY Cornell Iron Works Inc 36th Ave & 13th St Long Island 6 NY

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CCC Carbola Chemical Co 46 Harris Rd CCC Carbola Chemical Co 46 Harris Rd Natural Bridge NY C-E Crane Electric Industries Eugene Ore CECO Cheeseman-Elliot Co Inc 645 Kent Ave Brooklyn 11 NY CID Goulds Pumps Inc 75 Fall St Seneca

- CID Goulds Fumps inc to All Falls NY CM Chisholm-Moore Hoist Div Fremont Ave Tonawanda NY C P W Chicago Paints Inc 4500 W 14th Chi-
- C P W Chicago Paints Inc 4500 W 14th Cat-cago 23 111 CABLE HEAT Electromode Div Commercial Controls 45 Crouch St Rochester 3 NY CADET Fiat Metal Mfg Co 3901 W Belmont Ave Franklin Pk II1 CAFCO SPRAY Columbia Acoustics & Fire-proofing Co Stanhope NJ CAHABA Miller & Co Inc Selma Ala CALBAR Calbar Paint & Varnish Co 2612-26 N Martha Philadelphia 25 Pa CALCINATOR Calcinator Corp 28th & Water Sts Bay City Mich CALDWELL Caldwell Mfg Co 68 Commercial St Rochester 14 NY CALIFORNIA CONTOUR Redwood Garden

- St Rochester 14 NY CALIFORNIA CONTOUR Redwood Garden Materials Co 7130 Romaine St Los Angeles
- CALKA-MATIC Vital Mfg Co 7500 Quincy
- 40 Callf.
   43 Callf.
   44 Claveland 4 Ohio
   44 Cleveland 4 Ohio
   45 Callfanger Call Might Co 7500 Quiney Ave
   45 Cleveland 4 Ohio
   46 Callfanger Call Might Co 7500 Quiney Ave
   47 Callfanger Callfanger

- CANVAS KID Canvas Prods Co 2115 Locust St

- CANVAS KID Canvas Frods Co 2115 Locust St St. Louis 3 Mo CANYON STONE Grand Canyon Quarries Inc PO Box 112 Ash Fork Ariz CAPEWELL Capewell Manufacturing Co 60 Governor St Hartford 2 Con CAPITOL EASY LIFT Capitol Products Co 1839 S Main Box 351 Jacksonville III CAPITOL TAMPER SEAL Capitol Products Co 1839 S Main Box 351 Jacksonville III CAPRI Frigid Inc 128-68 32nd St Brooklyn 32 NY
- CAPTAIN General Water Heater Corp 1 E Magnolia Blvd Burbank Calif

- CARBI-TWIST US Expansion Bolt Co 500 State St York Pa CARBOLA Carbola Chemical Co 46 Harris Rd Natural Bridge NY CARBOLINEUM Carbolineum Wood Preserv-ing Co 528 W Highland Ave Milwaukee 3

- Wise CARBOLINEUM AMERICA C-A Wood Pre-server Co 6625 Delmar Blvd St Louia 5 Mo CARBOLOY CEMENTED CARBIDES Carbo-loy Dept Gen Elec Co Box 237 Detroit 32
- CARBORA Cortland Grinding Wheels Corp
- CARBORA Cortland Grinding Wheels Corp 1 Huntington St Chester Mass CAPRI Walker (TV) & Sons Inc PO Box 547 Burbank Calif CARBOSOTA Barrett Div Allied Chemical & Dye 40 Rector St New York 6 NY CARDINAL Astrup Co 2937 W 25th St Cleve-Land 12 Obic

- Iand 13 Ohio CARLON Carlon Products Corp 10225 Meech Ave Cleveland 5 Ohio CARLTON STAINLESS STEEL SINKS Car-
- CARLEION STAINLESS STELL SINKS Car-rollton Manufacturing Co Sink Division Carrollton Ohio CARRARA Pittsburgh Plate Glass Co 632 Fort Duquesne Pittsburgh 22 Pa CARVEL HALL Charles D Briddell Inc Chris-

- CARCVEL HALL CHRITES D BEAUER IN CARACTER field Md CASCADE Fiat Metal Mfg Co 9301 W Bel-mont Ave Franklin Pk III CASCAMITE Borden Co Chemical Div 350 Madison Ave New York 17 NY CASCO Borden Co Chemical Div 350 Madison Ave New York 17 NY CASEKING Vulcan Metal Prods 2801 6th Ave S Birmingham Ala CASINO Ekstrom Carlson & Co 1400 Railroad Ave Rockford III

- CASERTNG Vulcan Metal Prods 2801 6th Ave S Birmian Ala
   CASINO Ekstrom Carlson & Co 1400 Railroad Ave Rockford III
   CASINO Ekstrom Carlson & Co 1400 Railroad Ave Rockford III
   Casterpillar Tractor Company 600 W Wahington East Peoria 8 III
   CACHALL Cyclone Fence Dept/Amer Steel Br360 ILAR Catterpillar Tractor Company 600 W (C) & Co Inc Maple St Kington East Peoria 8 III
   CATCHALL Cyclone Fence Dept/Amer Steel Br360 Nather Company 600 W
   And Company 600 W (C) & Co Inc Maple St Kington Mass
   CAULKO-SEAL X-Pando Corp 43-15 36th St L I CAULKO-SEAL X-Pando Corp 43-15 36th St L I CAULKO-SEAL X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CAULKA L X-Pando Corp 43-15 36th St L I CEONONY Ceco Steel Products Corp 5601 W 26th St Chicago 50 III
   CEDAR LUX Doran Chemical Corp 5610 W 26th St Chicago 50 III
   CEDARDA V Kansas City 11 Mo CEETECO Creaseent Tool Co 200 Harrison St Jamestown NY
   CELLUX DORAN Chaineas IBower Co 1000 S Adama Ave Birmingham Mich CELUWENT Monite Waterproof Glue Co 1003 Monite Bidg Minneapolis Minn CELLUFLOR Inland Steel Products Co 4111 W Burnham Milwalkee Wis
   CELUWENT Monite Waterproof Glue Co 1003 Monite Bidg Minneapolis Minn CELUWENT Monite Waterproof Glue Co 1003 Monite Bidg Minneapolis Minn CHLUWENT Monite Waterproof Glue Co 1003 Monite Bidg Minneapolis Minn CHLUWENT Monite Waterproof Glue Co 1003 Monite Bidg Minneapolis Minn CHLUWENT MONITE Waterproof Glue Co

- Chicago 3 III CEMIX CEMENT PAINT Pyramid Company 433 Maple Ave Downers Grove III CENTRAL PLIOLITE Central Paint and Var-nish Was 50 Prospect St Brooklyn 1 NY CENTRAVAC Trane Company 3rd and Cam-eron La Crosse Wis CENTRAZ Christy Co Inc 5040 Daggett Ave St Louis 10 Mo.
- CENTRAL Christy Co Inc 5040 Daggett Ave St Louis 10 Mo CENTRI-THRIFT Myers (F E) & Bros Co 424-34 Orange St Ashland Obio CENTURY Century Electric Co 1806 Pine St St Louis 3 Mo CENTURY Century Engineering Corp 401 Third S E Cedar Rapids In CENTURY Heilig Bros Co 24 W North York Pa

- Pa CENTURY Keasbey & Mattison Co Butler Ave
- Ambler Fa Ambler Fa CENTURT National Chemical & Mfg Co 3617 S May St Chicago 9 III CENTURY TORCH Ø MATIC Velocity Power Tool Co 201 N Braddock Ave Pittsburgh S
- CERATILE Cambridge Tile Mfg Co Box 71
- CERATILE Cambridge Tile Mfg Co Box 71 Cincinnati 15 Ohio CERTIGRADE Red Cedar Shingle Bureau 5510 White Building Seattle 1 Wash CERTIGROOVE Red Cedar Shingle Bureau 5510 White Building Seattle 1 Wash CERTI-SPLIT Red Cedar Shingle Bureau 5510 White Building Seattle 1 Wash CERTROCK Certain-Teed Products Corp 120 E Lancester Av Ardmore Pa
- E Lancaster Av Ardmore Pa CERTUS Monite Waterproof Glue Co 1093 Monite Bldg Minnespolis Minn

- CHALLENGER Boice Crane Co 930 W Cen-tral Ave Toledo 6 Ohio CHALLENGER Coffing Hoist Div/Duff-Norton Co 800 Walters St Danville III CHALLENGER Challenger Lock Co 4865-4903 Exposition Los Angeles Calif CHALLENGER Kol-Master Corp. 124 Walberg
- Exposition Los Angeles Calif CHALLENGER Kol-Master Corp 124 Walberg St Oregon III CHALLENGER Penens Corp 3900 Wesley Terr Schiller Park III CHAMCO Chamberlin Co of America 1254 Labrosse St Detroit 26 Mich CHAMPION Concrete Equipment Co 514 Otta-wa Ave Holland Mich CHAMPION Heinemann (F) Saw & Mfg Co 2017 Navarre Rd Sw Canton 6 Ohio CHAMPION Tilley John S) Ladders Co Inc 112 Second St Watervliet NY CHAMPION United States Gypsum Co 300 W Adams St Chicago 6 III CHAMPION Vento Steel Products Co Inc 250 Colorado Ave Buffalo 15 NY CHAMPION Vento Steel Products Co 118 Marceau St St Louis 16 Mo CHAMPION Vento Steel Products Co 118 Marceau St St Louis 16 Mo CHAMPILOCK International Twist Drill Corp 618 Wyandotte St Kansas City 5 Mo CHARB-LOCK International Twist Drill Corp A18 Myandotte St Kansas City 5 Mo CHARB-LOCK LOIGE International Twist Drill Corp A18 Wyandotte St Kansas City 5 Mo CHARB-Q The Majestic Co Inc Hall St Hunt-ington Ind CHARBA Chicago Paints Inc 4500 W 14th Chi-cago 23 III WENCORD # UNIOR Langhre Mfg Co

CHARM Chicago Paints Inc 4500 W 14th Chi-cago 23 Ill CHECK-CORD & JUNIOR Lanchro Mfg Co 110 Main St W Poughkeepsie NY CHECKERBOARD United States Plywood Corp 55 W 44th St New York 36 NY CHECKIT Franklin Research Co 5134 Lan-caster Ave Philadelphia 31 Pa CHECKPEST Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo CHELDUOGEAR Chelsea Elevator Co 549-551 W 52nd St New York 19 NY CHELGEAR Chelsea Elevator Co 549-551 W 52nd St New York 19 NY CHELGEAR Chelsea Elevator Co 549-551 W 52nd St New York 19 NY CHELGEAR Chelsea Elevator Co 549-551 W 52nd St New York 19 NY CHELMOGEAR Chelsea Elevator Co 549-551 W 52nd St New York 19 NY CHELMO-GLAS Chemold Co 2000 Colorado Ave Santa Monica Calif CHEMONITE J H Baxter & Company 200 Bush St San Francisco Cal CHEMONITE J H Baxter & Company 200 Bush St San Francisco Cal CHEMONITE J H Baxter & Company 200 Bush St San Francisco Cal CHEMENCK Rock-Tred Corp 7440 N St Louis Skokie Ill

Skokie III CHENEY Cheney Metal Products Co 623 Prospect St Trenton 5 NJ CHEROKEE Mosaic Tile Co 1949 Pershing

Ave Zanesville Ohio CHESAPEAKE-HUE Weaver (C E) Stone Co

Ave Zanesville Ohio CHESAPEARE-HUE Weaver (C E) Stone Co Box 96 Reisterstown Md CHESLER Chesler (J) & Sons Inc 41-49 Var-ick Ave Brooklyn 37 NY CHESTER National Screw & Mfg Co 2440 East 75th St Cleveland 4 Ohio CHEVRONS Packard (E B) Co Inc 139 Cedar New York 6 NY CHICAGO Chicago Expansion Bolt Co 1338 W Concord PI Chicago 22 Ill CHICAGO Chicago Paints Inc 4500 W 14th CHICAPEE Lumite Div 47 Worth St New York 13 NY CHIEF Chicago Paints Inc 4500 W 14th CHIEF Northwest Metal Products Inc 55 Spokane St Seattle 4 Wash CHIEFTAIN Old American Roof Mills Div Ruberod 500 Fifth Ave New York 36 NY CHILLATORS McQuay Inc 1600 Broadway N E Minneapolis Minn

N E Minneapolis Minn CHIP HOG Gairing Tool Co 21221 Hoover Rd

CHIP HOG Gairing Tool Co 21221 Hoover Rd Detroit 32 Mich
 CHIPPEWA BOARD Cornell Paperboard Prods Co 230 N Michigan Chicago 1 Ill
 CHORE BOY Incinerator Prods Co 633 S Post Ave Detroit 17 Mich
 CHROME CLAD Lufkin Rule Co 1730 Hess Ave Saginaw Mich
 CHROME-X Pass & Seymour Inc 50 Boyd Ave Syracuse 9 NY
 CHURCH MODERNUS Church (C F) Mfg Co Roy 471 Holvoke Mass

Box 471 Holyoke Mass CHURCH MOLTEX Church (C F) Mfg Co Box 471 Holyoke Mass CluRCH PEMBROKE Church (C F) Mfg Co

Box 471 Holyoke Mass CHURCH REGAL Church (C F) Mfg Co Box 471 Holyoke Mass CHURCH ROYALTON Church (C F) Mfg Co Box 471 Holyoke Mass CHURCH GOTHIC Church (C F) Mfg Co Box 471 Holyoke Mass CHURCH EXCELLO Church (C F) Mfg Co Box 471 Holyoke Mass CHURCH EXCELLO Church (C F) Mfg Co Box 471 Holyoke Mass CINCH Biddle Co 608-624 S Main St Louis 2

CINCH National Lead Co 111 Broadway New York & NY CINDERELLA Angel Novelty Co 340 Broad St Fitchburg Mass CIPCO Cipco Corp 22nd and Cole Sts St Louis

CIRCLE B Buffalo Bolt Co Div 101 East Ave N Tonawanda NY

N Tonawanda NY CIRCULAIRE Hammel Radiator Engineering Co 3348 Motor Ave Los Angeles Calif CIRCULATOR The Majestic Co Inc Hall St Huntington Ind CIRCU-RAY Temco Inc 4101 Charlotte Ave Nashville 9 Tenn CIRKLAIR Folsom Co Inc 3104 Oak Lane Dallas 10 Texas

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CLATEX Streator Brick Div Hydraulic Press Brick Co 321 E Main St Streator III CLEAR-AIRE Sin-Jin Products Co 5236-40 Fairlawn Av Baltimore 15 Md CLEAR-COAT American Sta-Dri Co 4102 41st St Brentwood Md CLEARLITE Fource Glass Co Union Natl Bk Bidg Clarksburg West Va CLEARLITE Fource Glass Co Union Natl Bk Bidg Clarksburg West Va CLEARLOX Abesto Mfg Corp 131 Wabash St Michigan City Ind CLEEN Standard Industrial Prods 1500 Park St Evansville 4 Ind CLEVELAND Cleveland Steel Specialty Co 3779 E 91st St Cleveland 5 Ohio CLEVELAND Cleveland 5 Ohio St Clair Ave Cleveland 17 Ohio CLIFTON Clifton Mfg Co 323 Pleasant St E Waco Texas

Waco Texas CLIMATE CHANGER Trane Company 3rd and Cameron La Crosse Wis CLIMATE MASTER Hess Co 1855 S 54th Ave

Chicago 50 Ill CLINTON Clinton Metallic Paint Co Arthur

St Clinton NY

St Clinton NY CLIP-ON Autoyre Co Oakville Conn CLIPPER SAW Clipper Mfg Co 2800 Warwick Kansse City Mo CLIPPER Henderson Furnace & Mfg Corp 3075 Graventein Sebastpol Calif CLIPPER Trade-Wind Motor Fans Inc 7755 Paramout Svd Rivers Calif CLIPPER ABRASIVES Sandpaper Inc 83 E Wotse S: Dockland Maca

CLIFFER ABRASIVES Sandpaper Inc 83 E Water St Rockland Mass CLIFPER LOW-BOY Henderson Furnace & Mfg Corp 3075 Gravenstein Sebastopol Calif CLIFPERETTE Henderson Furnace & Mfg Corp 3075 Gravenstein Sebastopol Calif CLIFFFAST Ruberoid Co 500 5th Ave New

York 36 NY CLOPAY ACCORDION Clopay Corp Clopay

CLOPAY ACCORDION Clopay Corp Clopay Square Cincinnati 14 O CLOPAY-CLOPAQUE Clopay Corp Clopay Square Cincinnati 14 O CLOSUR-DOR Closures Inc 533 E Forest Ave Detroit 1 Mich CLOVALOX Clover Mfg Co 327 Main St Norwalk Conn CLOVEX Scott (O M) & Sons Co Marysville Obio

Ohio CLUTCH United Screw & Bolt Corp 3590 W 58th St Cleveland 2 Ohio CLYDE Clyde Cutlery Co Clyde Ohio CMC Construction Machinery Co 420 Vinton

CMC Construction Machinery Co 420 Vinton St Waterloo Iowa CO-PLY North Pacific Plywood Inc 1549 Dock St Tacoma 2 Wash COAL SUPER The Williamson Company 3500 Madison Road Cincinnati 9 Ohio COAST ALLTITE Coast Insulating Products 2316 San Fernando Los Angeles 65 Calif COAST PAK-FELT Coast Insulating Products 2316 San Fernando Los Angeles 65 Calif COATATUB Protectub Inc 71 Ludlow St New York 2 NY

York 2 NY COLD-BAR Calbar Paint & Varnish Co 2612-26 N Martha Philadelphia 25 Pa COLD GENERATOR Trane Company 3rd and Cameron La Crosse Wis

COLD-BAR Calbar Paint & Varnish Co 2612-26 N Martha Philadelphia 25 Pa
 COLD GENERATOR Trane Company 3rd and Cameron La Croase Wis
 COLLOPAKES Cabot (Samuel) Inc 141 Milk St Boston 9 Mass
 COLLOPAKES Cabot (Samuel) Inc 141 Milk St Boston 9 Mass
 COLOPAKES Cabot (Samuel) Inc 141 Milk St Boston 9 Mass
 COLORCAFT Color-Craft Products Inc 500.07 EALAZE Color-Craft Products Inc 500.07 EALAZE Colorcrete Industries Inc 24th 4 Ottase New York 18 NY
 COLORCAFT Colorcrete Industries Inc 24th 4 Ottawa Sts Holland 1 Mich
 COLOR-CRAINED Ruberoid Co 500 5th Ave New York 36 NY
 COLOR-EX Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 COLOR-EX Old American Roof Mills Div Ruberoid 500 Fifth Ave New York 36 NY
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 COLORTEX Old American Roof Mills Div Ruberoid 500 Fifth Ave New York 36 NY
 COLORCE STAIN PAINTS Color Shake Corp PO Box 832 Maryaville Wash
 COLORETE Colorcrete Industrial Products 1500 Park St Evansville 4 Ind
 COLORNALES Color Shake Corp PO Box 832 Maryaville Wash
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 COLORNALE Coloryle Tyle-Bord Ine 975 John St Seatile 9 Wash
 COLORNALE PANELS Color Shake Corp PO Box 822 Maryav

COLTS Batavia Clamp Co Inc 101 Center St. Batavia NY
 COLUMBIA Columbia Manufacturing Co 845 S 96h St. Louisville 3 Ky
 COLUMBIA Columbia Southern Chem Corp I Gateway Center Fitzburgh 22 Pa
 COLUMBIA Eagle Rule Mfg Corp 510 Hunts Pt Ave New York 59 NY
 COLUMBIA-MATIC Columbia Mills Inc 120 W Onondaga St. Syracuse 2 NY
 COM 500 SUPER Commonwealth Paint & Varniah Co 4124 W Parker Ave Chicago 39 III

COM SCRUBABLE Commonwealth Paint & Varnish Co 4124 W Parker Ave Chicago 39

III COMASCO Consolidated Machinery & Supply Co Ltd 2031 Santa Fe Ave Los A 21 Calif COMBUSTIONEER Combustioneer Div Steel Proda Engineering Co 1205 W Columbia St

COMBUSTIONEER Combustioner Div Stael Prods Engineering Co 1205 W Columbia St Springfield Ohio
 COMBWOOD United States Plywood Corp 55 W 44th St New York 36 NY
 COMET Chisholm-Moore Hoist Div Fremont Ave Tonawanda NY
 COMET Chisholm-Moore Hoist Div Fremont Ave Tonawanda NY
 COMET General Water Heater Corp 1 E Magnolia Blvd Burbank Calif
 COMET Consolidated Machinery & Supply Co Lid 2031 Santa Fe Ave Los Al 21 Calif
 COMET Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 III
 COMFORTAIRE Hammel Radiator Engineer-ing Co 3348 Mctor Ave Los Angeles Calif
 COMFORTROL Weather Seal Co 10 E Pearl St Cineinnati 2 Ohio
 COMMORTROL Weather Seal Co 10 E Pearl St Cineinnati 2 Ohio
 COMMORTROL Weather Seal Co 30th & Spruce Sta Wilmington 99 Del
 COMMORE Fiat Metal Mfg Co 9301 W Belmont Ave Franklin Pk III
 COMPORTACL Camp Co Inc 6958 S State Chicago 21 III
 COMPORTS Micco Co Specialties Co Inc PO Box 406 Portchester NY
 COMACSTIN Concor Co 4550 Main St Kansas City Mo

City Mo CON-TEX Concor Co 4550 Main St Kansas

City Mo CONCORD Concord Woodworking Co Inc 10 Behariel St W Concord Mass CONCORD Reflecto Letters Co 411 E 101 St New York 29 NY CONCRETE FORM PRESDWOOD Masonite

CONCRETE FORM PRESDWOOD Masonite Corp 111 W Washington Chicago 2 Ill CONDOR Raybestos-Manhattan Inc Manhat-tan Rubber Div 61 Willett St Passaic NJ CONDUIT OF COLUMBUS Conduit Pipe Products Co 157 W Fulton St Columbus

CONDUIT WEATHERMASTER SYSTEM Car

CONDUIT WEATHERMASTER SYSTEM Car-rier Corp 302 S Geddes St Syracuse 1 NY CONFETTI Central Paint & Varnish Wks 59 Prospect St Brooklyn 1 NY CONGOWALL Congoleum-Nairn Inc 195 Bel-grove Dr Kearny NJ CONGRID Richards (J Merrill) 25 Huntington Ave Boston 16 Mass

Ave Boston 16 Mass CONNECTICUT BURGLAR ALARM Connect-icut Telephone & Electric Co 70 Britannia

Lett Telephone & Electric Co To Britannia St Meriden Conn CONNER TYPE Gairing Tool Co 21221 Hoover Rd Detroit 32 Mich CONOLITE Continental Can Co Conolite Dept 205 W 14th St Wilmington Del CONRAD Glen-Gery Shale Brick Corp Box 182 Warminging Pa

Wyomissing Pa CONSERVO Cabot (Samuel) Inc 141 Milk St

CONSERVO Cabot (Samuel) Inc 141 Milk St Boston 9 Mass CON-SOL Consolidated Industries Inc Mix-ville Rd W Cheshire Conn CONQ-R-DUST Johnson (S C) & Co Inc 1525 Howe St Racine Wis CONSO Consolidated General Prod Inc PO Box 7425 Houston Texas CONSO WINDMASTER Consolidated General Prod Inc PO Box 7425 Houston Texas CONSOLITE Consolidated General Prod Inc PO Box 7425 Houston Texas CONSOWELD 6 Consoweld Corporation Wis Rapids Wis

CONSOWELD 10 Consoweld Corporation Wis

Rapids Wis CONTEMPORARY Gerber Plumbing Fixtures 232 N Clark St Chicago 1 Ill CONTINENTAL Wabash Screen Door Co 310 8 Michigan Ave Chicago 4 Ill CONTINENTAL Robeson Cutlery Co Inc 3646 Case St Perry NY CONTINUUS STRIP Robbins Flooring Co

CONTREAT Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo CONVASEAL Meadows (W R) Inc 2 Kimball

Elgin III CON-VAY-IT CONCRETE SPECIAL Ameri-can Conveyor Co 1115 W Adams Chicago 7 III

Conveyor to the Mathematical Conveyor Co 1115 W Adams Chicago 7 111 CONVENIENT LIVING Home Planners Inc 16310 Grand River Detroit 27 Mich CONVERSION WEATHERMAKER Carrier Corp 302 S Geddes St Syracuse 1 NY CONVERT-TO-COOL Typhoon Air Condition-ing Co Inc 505 Carroll St Brooklyn 15 NY CONVERTIBLE 77 FURNACE Delta Heating Corp I Cole St Trenton 8 NJ CONVEYALL Boaworth Mfg Co Mills Road Avon Ohio

CONVEYALL BOBWORTH BRIG CO MANS AND Avon Ohio CON WALL Roedter Prods 343 Bryant Ave Cincinnati 20 Ohio COOL-O-MATIC Automatic Firing Corp 4417 Oleatha Ave St Louis 16 Mo COP-O-TOP Chase Brass & Copper Co Inc 236 Grand St Waterbury 20 Conn COPPER ARMORED SISALKRAFT Ameri-can Sisalkraft Corp 55 Starkey Ave Attle-boro Mass

COPPER-BOUND Ford Roofing Prod Co 6 N Michigan Av Chicago 2 Ill COPPER CHAMP Stocker Manufacturing Co

COPPER CHAMP Stocker Manufacturing Co Netcong NJ COPPER-CLIPT Bird and Son Inc 47 Wilson St East Walpole Mass COPPER-LOCK Gold Seal Asphalt Roofing Co PO Box 302 Chog Heights III COPPERSKIN Angler Corp Fountain St Framingham Mass COPPERWELD Copperweld Steel Co 322 Frick Bidg Glassport Pa COP-R-NAP Osmose Wood Preserv Co of Amer 980 Ellicot St Buffalo 9 NY COP-R-TOX Mobile Paint Mfg Co PO Box 1686 Mobile Ala

1686 Mobile Ala COPPES NAPPANEE Coppes Inc Nappanee iana

Indiana CORAL Lehman Sprayshield Co 3355 York Rd Philadelphia 40 Pa CORALUX Schundler (F E) & Co Inc 504 Railroad St Joliet III COPR-FIBRE Forty-Eight Insulations Inc

COPR.FIBRE Forty-Eight Insulations Inc Thomas & McGee Sts Aurora III CORALUX Builders Fireplace & Supply 2604 Link Road Houston Texas CORDOVA LIMESTONE Texas Quarries Inc

PO Box 91 Austin Texas CORFLOR Permacrete Prods Corp 1839 S Wall St Columbus 7 Ohio CORKTITE Meadows (W R) Inc 2 Kimball

Elgin Ill CORNELL WOOD BOARD Cornell Paper-board Products Co 230 N Michigan Chicago 1 Ill

1 III CORNER GUARD Drywall Trim Inc 2408 N Farwell Ave Milwaukee 11 Wis CORNICE VENTILATOR Damp-Vent Co 210-

17th St Bx 203 Bettendorf Ia COR-O-LAST Concor Co 4550 Main St Kansas

COR-O-PEL Concor Co 4550 Main St Kansas City Mo COR-O-TITE Concor Co 4550 Main St Kansas

COR-0-TITE Concor Co 4550 Main St Kansas City Mo COROX Westinghouse Electric Corp PO Box 868 Pittsburgh 30 Pa CORRULUX Corrulux Div/L-O-F Glass Fibers Co PO Box 20026 Houston 6 Tex CORRULUX L-O-F Glass Fibers Company 1810 Madison Ave Toledo 1 Obio CORTEX Cortland Grinding Wheels Corp 1 Huntico S Content Marcel

Huntington St Chester Mass CORTLAND BRAND Wickwire Bros Inc 189 Main St Cortland NY CORTLAND EMERY AGGREGATE Maguire (Walter) Co Inc 60 East 42nd St New York

(Walter) Co Inc 60 East 42nd St New York NY
COSALCO Colonial Sales Corp 928 Broadway New York 10 NY
COSMO-SPAR Masury (John W) and Son Inc 1700 Bayard St Baltimore 30 Md
COST CUTTER New London Engineering Co 1700 Division St New London Via
COTSWOLD Hopes Windows Inc 84 Hopkins Ave Jamestown NY
COUNTERFLO Dravo Corp Machinery Div Dravo Bidg Pittsburgh 22 Pa
COUNTERFLO Dravo Corp Machinery Div Dravo Bidg Pittsburgh 22 Pa
COVENTRY Mobile Paint Mg Co PO Box 1686 Mobile Ala
COVER DRI Thilmany Pulp and Paper Co Thilmany Rd Kaukauna Wis
COVERDRI BARCH St New York 6 NY
COVERALL Flex-O-Giasa Inc 1100 N Cicero Ave Chicago 51 II
CALKER Vial MG Co 7500 Quincy

Ave Chicago 51 Ill CRADLE CALKER Vital Mfg Co 7500 Quincy

CRADLE CALKER Vital Mfg Co 7500 Quincy Ave Cleveland 4 O CRAFTWALL PANELING Roddis Plywood Corp 1155 Palmetto Marshfield Wis CRANEMOBILE Bay City Shovels Inc 2611 Center Bay City Mich CRANE WAGON Bay City Shovels Inc 2611 Center Bay City Mich CRAWFORD HOMES Crawford Corp 2019 N Sed Box 959 Betto Rouge L

CRAWFORD HOMES Crawford Corp 2019 N 3rd Box 989 Baton Rouge La CRESCENT Enterprise Co South Main St Columbiana Ohio CRES-LITE Crescent Bronze Powder Co 116 W Illinois St Chicago 10 Ill CRETE-DRI-SEAL Williams Form Engineer-ing Corp 1501 Madison Ave Grand Rapids

CRETE-DRI-BLAN ing Corp 1501 Madison Ave Grand Repair Mich CRETITE Calbar Paint and Varnish Co 2612-26 N Martha Philadelphia 25 Pa CRESTOLOY Crescent Tool Co 200 Harrison X Jamentown NY CRESTWOOD Mengel Co 4th and Colorado Lonisville 1 Ky CREZON Grown Zellerbach Corp 343 Lansome St San Francisco 19 Calif CRIS CROS STEEL BRIDGING Rudeen (N H) Co 1645 Hennepin Minneapolis 3 Minn

Minn CRITTALL One-Der Frame Corp 1232 N 37th Pl Birmingham 3 Ala CROCUS Samson Cordage Works 470 Atlan-tic Av Boston 10 Mass

CROSBY BLOCKS American Hoist & Derrick Co 63 S Robert St St Paul 1 Minn CROSBY CLIPS American Hoist & Derrick Co 63 5 Robert St St Paul 1 Minn CROSS-CIRCULATION Moore Dry Kiln Co 1220 W State St Jacksonville Fla

AMERICAN BUILDER

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CROSSLITE Mississippi Glass Co 88 Angelica

CROSSLITE MISSISSIPPI Glass Co 55 Angenea St St Louis 7 Mo CROSSLY SURESEAL JALOUSIE Crossly Window Corp 3550 N W 71st St Miami Fla CROWN Marblehead Lime Co 300 W Washing-

CROWN Marblehead Lime Co 300 w wasning-ton Chicago 6 Ill CROWN TILE Crown Tile Corporation 16th & Harsh Massillon Ohio CROWN Sloan Valve Co 4300 W Lake St Chicago 24 Ill CROWN BRAND Gensco Tools 1830 N Kostner

Ave Chicago 39 III CROWN INTERLOCK Jones & Brown Inc 439 Sixth Ave Pittaburgh 19 Pa CROWN MIRACLE Marblehead Lime Co 300

W Washington Chicago 6 Ill CRYSTAL Barrett Div Allied Chemical & Dye 40 Rector St New York 6 NY CRYSTAL SILICONE Wurdack Chemical Co

40 Rector St New York 6 NY
 CRYSTAL SLLICONE Wurdack Chemical Co 4977 Fyler Ave St Louis 9 Mo
 CRYSTAL TIPS McQuay Inc 1600 Broadway N E Minneapolis Minn
 CRYSTOLON Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY
 CRYSTOLON Norton Co 1 New Bond St Worcester 6 Mass
 CUB Master Lock Co 2600 N 32nd St Milwau-kee 45 Wis
 CUCKOO Wooster Brush Co 600 Madison Ave Wooster O
 CUPRINOL Cuprinol Div Darworth Inc 56 Maple St Simabury Conn
 CUPRISOTE Protecol Corp 162 Market St Kenilworth NJ
 CURST Rip Curtis Lighting Inc 6135 W 65th St Chicago 28 III
 CURVAN Consoveld Corporation Wis Rapids Wis

Rapids Wis CURVFORM Schenck (William) & Co Evans

CURVFORM Schenck (William) & Co Evans City Pa CUSHIONED POWER White Rodgers Electric Co 1209 Cass Ave St Louis 6 Mo CUSTOM-AIR Trane Company 3rd and Cam-eron La Crosse Wis CYCLO Fasco Industries Inc 255 N Union St Rochester 2 NY CYCLONE Chisholm-Moore Hoist Div Fremont Ave Tonawanda NY CYCLONE Chisholm-Moore Hoist Div/American Steel Box 260 Waukegan 1 III CYCLONE Ford Roofing Prod Co 6 N Michi-gan Ave Chicago 2 III CYL-O-LATCH Chesler (J) & Sons Inc 41-49 Varick Ave Brooklyn 27 NY

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D-B Dura-Bilt Tool Co Inc 60 N Ave Box 216

D-B Dura-But 1001 CO Inc 00 N Ave Box 210 Natick Mass DBCO Densmore Brick Co 162 Hanover St Lebanon NH DAD & LAD Dad & Lad Co PO Box 285 New

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Lenox III DAISY Quinn Wire and Iron Works 1200 Cedar Rd Boone Ia DALLAS HUT Texas Housing Co 9001 Denton

DAISY Quinn Wire and Iron Works 1200 Cedar Rd Boone Ia
DALAS HUT Texas Housing Co 9001 Denton Drive Dalhas 9 Texas
DAMIT Quigley Co Inc 527 Fifth Ave New York 17 NY
DAMP-VENT Damp-Vent Co 210-17th St Bx 203 Betendorf Iowa
DANDEE Cederberg Mfg Co 539 S 4th St Minneapolis Minn
DANDEE Cederberg Mfg Co 539 S 4th St Minneapolis Minn
DANDIE MIXERS Kochring Co & Subsidiar-ies 302 W Concordia Milwakes 16 Wis
DANDIE MIXERS Kochring Co & Subsidiar-ies 302 W Concordia Milwakes 16 Wis
DANDUX Daniels (C R) Inc Daniels Md
DANDUX PENQUIN Daniels (C R) Inc Daniels (M R)
DARDAJAMES TOOKraft Corp Plainfield St Springfield 1 Mas
DART Dart Mfs & Sales Co 1002 S Jason Denver Colo
DART Dart Mfs & Sales Co 1002 S Jason Denver Colo
DARG St Sc Cleveland 22 Ohio
DARS & St Chattanooga Ten PO 50 S82 Cleveland 22 Ohio
DANDIS KAW FILER Chattanooga Ten WIS & WELLS Consolidated Machinery & Sungeles 21 Calif
DATOR Grainger (W W) Inc 118 S Oakley
Bivd Chicago 12 III
DATOR Grainger (W W) Inc 118 S Oakley
Bivd Chicago 12 III
DATOR AND KAR GENP DAYON SURE GIFT SI Fawell St Oakland 8 Calif
DEORANEL NORTH Pacific Plywood Inc 154 Dock St Tacoma 2 Wash
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DECRA-DOR Lockwood Hardware Mfg Co 1950 Cleghorn St Fitchburg Mass DEEP-TREAT King Chemical Company 2342 S Lauderdale Memphis Tenn DEFENDER Gregg & Son Inc 21-31 Blandin Ave Framingham Mass DEGRAH Keystone Paint & Varnish Corp 71 Otaego St Brooklyn 31 NY DEHYDRATINE Horn (A C) Co Inc 252 Townsend St San Francisco Calif DEKADOR United States Plywood Corp 55 W 44th St New York 36 NY DEKALEATHER United States Plywood Corp 55 W 44th St New York 36 NY DEKALEATHER United States Plywood Corp 55 W 44th St New York 36 NY DEKALEATHER United States Plywood Corp 55 W 44th St New York 36 NY DEKALEU United States Plywood Corp 55 W 44th St New York 36 NY DEKALEU United States Plywood Corp 55 W 44th St New York 36 NY DEKALEU United States Plywood Corp 55 W 44th St New York 36 NY DELCO-HEAT Delco Appliance Div Lyell & & Whitney St Rochester N Y DELCO-MATIC Crearford Dova Cor 20057

Lyell & Whitney St Rochester N Y DELCO-MATIC Crawford Door Co 20263 Hoover Road Detroit 5 Mich DELFAIR Fair (D L) Lumber Co Box 309 Louisville Miss Louisville Miss DELUXE Delux Metal Furnace Co 402

DELUXE Deux Metal Furnace Co 402 Struthers St Warren Pa DE LUXE General Water Heater Corp 1 E Magnolia Bivd Burbank Calif DELUXE Mengel Co 4th and Colorado Louis-

DELUXE Mengel Co 4th and Colorado Louis-ville 1 Ky DELUXE Miracle Paint Rejuvenator Co 500 Robert St St Paul 1 Minn DELUXE Premax Prods Div Chisolm-Ryder Co Inc Highland & College Niagara Falls N Y

DELUXE Vogue Mfg Co 2311 Taylor St Ft

Wayne 6 Ind DEMPSTER Dempster Mill Mfg Co 711 South

being ster beingster min mig Co 111 South 6th St Beatrice Neb DENISON Stanley Building Specialties Co 1890 N E 146th St North Miami 6 Fla DENCO Deniston Co 4856 S Western Ave Chicago 9 III

Chicago 9 III DENSITE Certain-Teed Products Corp 120 E

Lancaster Av Ardmore Pa DENSULITE Insulite Co Minnesota Ontario Paper Co 500 Investors Bldg Minneapolis 2 Minn

Minn DESK-TOPPER Universal Drafting Machine Co 7960 Lorain Ave Cleveland 2 Ohio DES LAURIERS Ideal Cabinet Corp 5036 West Lake St Chicago 44 Ill DESMOND SIMPLEX Desmond Stephan Mfg

Co 425 S Walnut Urbana Ohio DETECT-O-GRAM Detecto Scales Inc 540 Park Ave Brooklyn 5 NY DETJEN Det Jen Corp/Electrocuting Fly Screen Div Post Office Bidg Pleasant Valley

NY DETROIT JEWEL Welbilt Corp Detroit Div 6900 E Jefferson Detroit 7 Mich DEVIL-LEVEL Pickett & Eckel Inc 1109 S Fremont Ave Alhambra Calif DEVILBISS Devilbiss Co 300 Phillips Ave Tarked a Obi-

DEVILBISS Devilisias Co 300 Phillips Ave Toledo 1 Ohio DEVOE Devoe & Raynolds Co Inc 401 W Main St Louisville 2 Ky DEWALT Dewait Inc Box 540 Lancaster Pa DEWALT Dewait Inc Box 540 Lancaster Pa DEWEY-SHEPARD Dewey-Shepard Boiler Co 1311 N Capitol Ave Indianapolis Ind DEXTER BRAND Scottdale Wood Prod Inc P O Box 36 Scottdale Pa DEXTER DIALMATIC Dexter Lock Div Dex-ter Industries 1609 Madison S E Grand Rapids 2 Mich DEXTER LIFETIME Dexter Lock Div Dex-

Rapids 2 Mich DEXTER LIFETIME Dexter Lock Div Dex-ter Industries 1609 Madison S E Grand Rapids 2 Mich DEXTRA-LITES Swivelier Co Inc 43-34th St

DEXTRA-LITES SWIVEHER to the torshift of Brooklyn 32 NY DIAL-A-MATIC American Photocopy Equip-ment Co 1920 W Peterson Ave Chicago III DIAL-SET Kol-Master Corp 124 Walberg St

DIAL-SET Kol-Master Corp 124 Walberg St Oregon III DIALTEMP Electriglas Corp Newbridge & Windsor Bergenfield NJ DIAMIDE Diamond Expansion Bolt Co Inc 500 North Ave Garwood NJ DIAMOND Reliable Metal Novelty Co Inc 25 Elm Ave Mount Vernon NY DIAMOND Speakman Co 30th & Spruce Sta Wilmington 90 Del

DIAMOND Speakman Co 30th & Spruce Sta Wilmington 99 Del DIAMOND BRAND Chain-Link Fence Corp 4301 W 69th St Chicago III DIAMOND HARD Wells (J W) Lbr Co 2231 10th St Menominee Mich DIAMOND S Filter (Edwin H) Co Devereaux & Milnor Philadelphia 24 Pa DIANA FYRBAN Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Oho DIC-A-DOO Patent Cereals Co 13-55 Bradford St Geneva NY

St Geneva NY DIE-CUT STRAP Gerrard (A J) & Co 1950 Hawthorne Sq Melrose Park III DIENERS Diener Mfg Co 400 N Monticello

Chicago 24 Ill DIFFUSAIRE Hart & Cooley Mfg Co 500 E 8th St Holland Mich DIFUSO Tanglefoot Co 314 Straight Ave SW Grand Rapids Mich

DIFUSOLIER Tanglefoot Co 314 Straight Ave SW Grand Rapids Mich

DI-LON Di-Noc Chemical Arts Inc 1700 Lon-don Rd Cleveland Ohio

DINO-THERM Di-Noc Chemical Arts Inc 1700 London Rd Cleveland Ohio DIRECT-A-CALL Connecticut Telephone & Electric Co 70 Britannia St Meriden Conn DISH-QUIK The Dish-Quik Co Div Modern Faucet Mfg Co 1700 E 58th Pl Los Angeles

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DISPOSALL General Electric Co Appliance Park Louisville 1 Ky DITCH WITCH Charles Machine Works 625-30 Birch Perry Okla DIVCO Division Lead Co 7742 W 61st Place Summit III DOCKER Automatic Transportation Co 101 W 87th Chicago 20 III DODGE ADHESIVES Dodge Cork Co Inc 23 Laurel St Lancaster Pa DODGE CORK BULLETIN BOARD Dodge Cork Co Inc 23 Laurel St Lancaster Pa DODGE VINYL-CORK TILE Dodge Cork Co Inc 23 Laurel St Lancaster Pa DOJGE VINYL-CORK TILE Dodge Cork Co Inc 23 Laurel St Lancaster Pa DO-IT SHOP Cummins Portable Tools Div J Oster Co 5055 N Lydell Ave Milwaukee 17

Oater Co boos it Lynn Wis DOLPHIN Fiat Metal Mfg Co 9301 W Bel-mont Ave Franklin Pk III DOMESTIC Woodenware Prods Corp 122 N 7th St St Louis 1 Mo DORFLO EZ-Way Sales Inc Box 300 St Paul

DORFLO Meta-Kote Corp PO Box 113 Sta D Toledo 8 Ohio DORSEY CUTTER Dorsey Trailers 401 Hickman Elba Ala DOR-TITE Durkee-Atwood Co 217 N E 7th

DOR-TITE Durkee-Atwood Co 217 N E 7th St Minneapolis 13 Minn DOUBLE-WHITE Cabot (Samuel) Inc 141 Milk St Boston 9 Mass DOUBLE X Schalk Chemical Co 351 E 2nd St Los Angeles 12 Calif DOUBLEX Blue Ridge Glass Corp P O Box 631 Kingsport Tenn DOUBLEX Johns-Marville Corp 22 East 40th

DOUBLEX Johns-Manville Corp 22 East 40th St New York 16 NY DOUGLAS CRESTLYN Douglas Creatlyn In-ternational Inc 901 Girard St N E Wash-Bakton 17 DC DRAFT-0-STAT Hotstream Heater Co 2363 E 69th St Cleveland 4 Ohio DRAFTMASTER Stacor Equipment Ce 768 E New York Ave Brooklyn 3 NY DRAIN DOCTOR Bromwell Wire Goods Co 1306-7 Enquirer Bidg Cincinnati 2 Ohio DRAMEX Reardon Co 7501 Page Ave St Louis 14 Mo

DRAMEX Reardon Co 7501 Page Ave St Louis 14 Mo DRAWER-KIT Firpine Producta Co P O Box 188 Oswego Ore DRAWER-KIT Lehman Sprayshield Co 3355 York Rd Philadelphia 40 Pa DRAYER HANSON Drayson-Hanson Div National US Radiator Corp 3301 Medford St Los Angeles 63 Calif DREADNOUGHT Chicago Paints Inc 4500 W 14th Chicago 23 III DREAMLINE Angel Novelty Co 340 Broad St Fitchburg Mass

DREADNOUGHT Chicago Paints Inc 4500 w 14th Chicago 23 III
DREAMLINE Angel Novelty Co 340 Broad St Fitchburg Mass
DREMEL SANDERS Dremel Mfg Co 2409 18th St Racine Wis
DRESDEN Dreaden Mfg Co 2375 Walnut Ave Long Beach 6 Calif
DRESDEN Mansfield Sanitary Pottery Inc Perysville Onio
DRI-CEIL Ceilheat Inc 5212 Homberg Dr Knoxville Tenn
DRI-FILM General Electric Co 1 Plastics Ave Pittsfield Mass
DRI-FILM (R) General Electric-Silicones Mechanicville R Waterford NY
DRI-FILM (R) General Electric-Silicones Mechanicville R Waterford NY
DRI-SEAL Continental Chemical Company 161 District Michaeles 12 Calif
DRI-SEAL Continental Chemical Company 841 Ducommun St Los Angeles 12 Calif
DRI-SEAL Continental Chemical Prods Co Cope-land & Mc RR Detroit 17 Mich.
DRI-TITE Demis Bros Bag Co 408 Pine St Box 7 St Louis 2 Mo
DRIVE-IT Powder Power Tool Co 7526 S W MaeAdam Portland 1 Ore
DRIVE-RITE ALUMINUM NAILS Independ-ent Nail & Packing Co Stone St Bridge-wit Mass
DRI-Carago 38 III
DRI-DRIME Construction Machinery Co 40 Vintum St Waterfoo Iowa
DI-RIEEL Cortis Lighting Inc 6135 W 65th St Clargo 38 III
DRI-DRIME Construction Machinery Co 40 Vintum St Waterfoo Iowa
DI-RIEEL Rockwood Sprinkler Co 38 Har-low St Woresers 5 Mass
DRI-DRIME Construction Machinery Co 40 Vintum St Waterloo Iowa
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DIELECOTE Barret Div Allied Chemical & Dye Corp 40 Rector 5t New York 6 NY 19/DL-L-TITE Maint I Gate Tiv Philip Carey 1950 Grand Ave Middletow Dotion

DUB-L-TITE Mobile Paint Mfg Co P O Box 1686 Mobile Ala DUETTE Miami Cabinet Div Philip Carey 1950 Grand Ave Middletown Ohio DUGANS Dugan Stone Patcher & Stain Prod 8115 Kenwood Ave Chicago 19 Ill

DU-KWIK Chicago Paints Inc 4500 W 14th Chicago 23 Ill

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DUKANE Dukane Corp St Charles Ill

DULAMEL Moore (Benjamin) and Co 511 Canal St New York 13 NY DULSHEEN Cheeseman-Elliot Co Inc 645 Kent Ave Brooklyn 11 NY DUMPCRETE Maxon Construction Co Inc 131

DUMPCRETE Maxon Construction Co Ine 131 N Ludlow St Dayton 2 Ohio DUMP-IT Wood (Gar) Industries Ine Michi-gan Blvd Wayne Mich DUMP-0-MATIC Wood (Gar) Industries Ine Michigan Blvd Wayne Mich DUMP0VER Construction Machinery Co 420 Vinton St Waterloo Iowa DUNBEAM Dunn (W E) Co 415 W 23rd St Holland Mich DUNBRIK Dunn (W E) Co 415 W 23rd St Holland Mich DUNKIRK Dunkirk Radiator Corp 85 Middle Rd Dunkirk NY

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DUO-FAST Fastener Corp 860 W Fletcher St

Chicago 14 Fastemer Corp 860 W Fletcher St Chicago 14 III DUO-GLIDE Atkins Wood Products Corp 103-12 101 St Ozone Park NY DUO-GUARD PUBMIATICS Bulldog Electric Products Co 7610 Joseph Campau Detroit 32 Mich

DUO-WAY SCOOPMOBILE Mixermobile Manufacturers 8027 NE Killingsworth Port-land 20 Ore DUPLEX Chase Brass & Copper Co Inc 236 Grand St Waterbury 20 Conn DUPLEX Johns-Manville Corp 22 East 40th St New York 16 NY DUPLEX MDUGTABLE Duplex Inc 634 N Lapeer Dr Los Angeles 46 Calif DUPLEX PRE-SET Duplex Inc 634 N Lapeer Dr Los Angeles 46 Calif DUPLEX ADJUSTABLE Duplex Inc 634 N Lapeer Dr Los Angeles 46 Calif DUPLEX ADJUSTABLE Duplex Inc 634 N Lapeer Dr Los Angeles 46 Calif DUPLEX ADJUSTABLE Duplex Inc 634 N Lapeer Dr Los Angeles 46 Calif DUPLEX ADJUSTABLE Duplex Inc 634 N Lapeer Dr Los Angeles 46 Calif DUPLIMAT Addressograph Multigraph Corp 1200 Babbitt Road Cleveland 17 Ohio DUR-OPANE Flex-O-Glass Inc 1100 N Cicero Ave Chicago 51 III DURA-BILT Busch (A G) & Co Inc 2020 T

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 PURA-LUG Penn Crete Prods Co 20th & Lippincott St Philadelphia 32 Pa
 DURA-PROOF Penn Crete Prods Co 20th & Lippincott St Philadelphia 32 Pa
 DURA-PROOF Penn Crete Prods Co 20th & Lippincott St Philadelphia 32 Pa
 DURA-WELD Penn Crete Prods Co 20th & Lippincott St Philadelphia 32 Pa
 DURALE Acme Rubber Mfg Co P O Box 1001 Trenton NJ
 DURACH ROME Trenton NJ
 DURACH Co Azock Prods Div Uvalde Rock Asphali Co Box 531 San Antonio 6 Texas
 DURALINE Universal Drafting Machine Co 7360 Lorain Ave Cleveland 20hio
 DURALITE Dura-Lite Window Co Carr St Box 10021 Knoxville Tenn DURAL New York Wire Cloth Co York Pa BURAMAT L-O-F Glass Fibers Co 1810 Madi-son Ave Toledo 1 Ohio
 DURALITE New York 36 NY
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 DURAYLU Nick States Gypsum Co 300 W Adams St Chicago 21 II
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DUREX RICHWE AND Cincinnati 25 Ohio DURHAMS ROCK HARD Durham (Donald) Co PO Box 804 Des Moines 4 Iowa DU RITE Scharf (J H) Mfg Co 6120 Binney St Omaha 4 Nebr St Omaha 4 Nebr

DU RITE Scharf (J H) Mfg Co 6120 Binney St Omaha 4 Nebr DURITE Certain-Teed Producta Corp 120 E Lancaster Ave Ardmore Pa DURMALITH Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY DURMO SEAL Seidlitz Paint & Varnish Co 18th & Garfield St Kanass City 10 Mo DURO Fiat Metal Mfg Co 3301 W Belmont Ave Franklin Pk III DUROGLAS General Water Heater Corp 1 E Magnolia Blvd Burbank Calif DUROLAS TIK Weatherguard Service Ine 564 Jackson Ave New York 55 NY DUROLTE Insulifie Co Minnegate Ontaria

DUROLITE Insulite Co Minnesota Ontarlo Paper Co 500 Investors Bldg Minneapolis 2 Minn

DURON United States Gypsum Co 300 W Adams St Chicago 6 III DUROTEX Kedmont Waterproofing Co 330 S Dearborn Chicago 4 III

DUTCH BRAND Johns-Manville Corp 22 East

St New York 16 NY

DUSKLITE Pittsburgh Plate Glass Co 632 Fort Duquesne Pittsburgh 22 Pa

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DUTCH BRAND Johns-Manville/Dutch Brand Div 7800 Woodlawn Ave Chicago 19 Ill DUTCH BOY National Lead Co 111 Broadway New York 6 NY DUXBAC Logan-Long Co 6600 S Central Ave Chicago 38 Ill DUX-BAK The Commercial Paste Co Buttles at Mich Columbus 8 Ohio

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 DUX SULATION Wilson (Grant) Inc 141 W Jackson Blvd Chiengo 4 Ill
 DWYER KITCHENS Dwyer Prod Corp Calumet & Holiday Michigan City Ind
 DYNA.FARE C & H Air Conditioning Fan Co 1591-1623 Dekalb Atlanta Ga
 DYNA.FLASH Milwaukee Electric Tool Corp 5356 W State St Milwaukee Electric Tool Corp 5356 W State St Milwaukee S Wis
 DYNA.FLE True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio
 DYNA.MIC True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio
 DYNA.MIC True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio
 DYNA.MITYE Automatic Transportation Co 101 W 87th Chicago 20 Ill
 DYNO.MITE Miller Falls Co 57 Wells St

101 W 87th Chicago 20 Ill DYNO-MITE Miller Falls Co 57 Wells St Greenfield Mass

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E-Z GLAZE Calbar Paint & Varnish Co 2612-26 N Martha Philadelphia 25 Pa E-Z GLAZE Farley & Loetscher Mfg Co Du-

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 Bez GLIDE Engineered Prods Co 129 Smith St Flint 3 Mich
 Z KLEEN Research Prods Corp 1015 E Washington Madison 10 Wis
 Z-ON Baltz (R N) & Co 1009 Harvard Ter

Evanton III Evanton III E-Z PATCH Sullivan Co (The) 212 E Trigg Memphis 2 Tena E-Z ROLL Engineered Prods Co 129 Smith St Flint 3 Mich EASY Detroit Surfacing Machine Co 1333 E 8 Mile Rd Detroit 20 Mich EASY LFVING Universal-Rundle Corp Box 960 New Costle Pa

EASY LFVING Universal-Rundle Corp Box 999 New Castle Pa EASYMOUNT Sterling Grinding Wheel Co 1430 Wall St Tiffin 3 Ohio EASYTITE Warnica Products 6416-18 S Ash-land Ave Chicago 36 III EBBTONE Schundler (F E) & Co Inc 504 Defined Sc Loliet III

EBBTONE Schundler (F E) & Co Inc 504 Railroad St Joliet III
 ECCO Ekstrom Carlson & Co 1400 Railroad Ave Rockford III
 E-CON-O-MILL Gairing Tool Co 21221 Hoover Rd Detroit 32 Mich
 ECON-O-MILZE Harrison Steel Cabinet Co 4718 W Fifth Ave Chicago 44 III
 ECON-O-POST Brainard Steel Div Sharon Steel Griswold St Warren Ohio
 ECON-O-TILE Wilson Plastics Inc 1531 Milan Road Sandusky Ohio

ECON-O-TILE Wilson Plastics Inc 1531 Milan Road Sandusky Ohio ECON-O-WALL Ware Laboratories Inc 3700 NW 25th St Miami Fla ECON-O-WARE Ware Laboratories Inc 3700 NW 25th St Miami Fla ECONOMASTER Economaster Sales Inc 120-9th Ave N Nashville Tenn ECONOMATIC ElectrigIas Corp Newbridge & Windsor Bergenfield NJ ECONOMY Arex Co 612 N Michigan Ave Chi-cago 11 III

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ECONOMY International Ave Utica NY ECONOMY Woodenware Prods Corp 122 N 7th St 8t Louis 1 Mo EDOC Cauhorn Distributing Co 9999 Broad St Detroit 4 Mich EDDY Chicago Stoker Corp PO Box 458 Wheeling III EDELVICE Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY EDEGE-GLO Curtis Lighting Inc 6135 W 65th St Chicago 38 III St Chicago 38 III CHIARD Drywall Trim Inc 2408 N Far-

St Chicago 38 III BDGE GUARD Drywall Trim Inc 2408 N Far-well Ave Milwaukee 11 Wis ELECTRI-CARS Victor Adding Machine Co 3900 N Rockwell St Chicago III EFFECTO Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY 800-990 Slaymaker Lock Co 115 SW End Ave Lancaster Pa

800-990 Slaymaker Lock to 119 SW End Art-Lancaster Pa ELASTICA Standard-Toch Chemicals Inc 2600 Richmond Ter Staten Island NY ELASTIGUM Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY ELECTREND Electrend Prods Corp Box 110 Gt Lorath Mich

ELECTREND Electrend Prods Corp Box 110 St Joseph Mich ELECTRESTEEM Electric Steam Radiator Corp 1 Electric Ave Paris Ky ELECTRICIAN Tilley (John S) Ladders Co Inc 112 Second St Watervliet NY ELECTRIFLOOR Detroit Steel Prods Co 2250 E Grand Blvd Detroit 11 Mich ELECTRIFLOOR Detroit Steel Prods Co 2250 Windsor Bergenfield NJ ELECTRO GLASS Peerless Mfg Co Inc 2100 N Eleventh St Reading Pa ELECTRO-KLEAN Herman Nelson Div Amer-ican Air Filter Corp 215 Central Ave Louis-ville Ky

ville Ky ELECTROLON Simonds Abrasive Co Tacony & Fraley St Philadelphia 37 Pa ELECTROMODE Electromode Div Commercial Controls Corp 45 Crouch St Rochester 3 NY

ELECTRONIC SERVICEMAN McKee Door Co

ELECTRONIC SERVICEMAN McKee Door Co 85 Hankes Ave Aurora III ELECTROSTRIP Bulldog Electric Products Co 7610 Joseph Campau Detroit 32 Mich ELMERS GLUE Borden Co Chemical Div 350 Madison Ave New York 17 NY ELNO Cleveland Heater Co 2310 Superior Ave Cleveland Heater Co 2310 Superior Ave Cleveland 14 Ohio EMALJ Masury (John W) & Son Inc 1709 Bayard St Baltimore 30 Md EMCO Engman Mfg Co 1317 Locust St Des Moines 9 Lowa

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St Rache Wis St Rache Wis ENAMEL-KOTE Acme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich ENAMELINE Ruud Mfg Co 2025 Factory St Kalamazoo 24 Mich ENCO Eastern Nail Co 50 Aleppo St Provi-dence 9 EI

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RĨ ENDTITE Moore Dry Kiln Co 1220 W State St ENDITIE Moore Dry Kiln Co 1220 W State St Jacksonville Fla ENPO Piqua Machine & Mfg Co Young & Col-lege Ste Piqua Ohio ENSIGN Fiature Park II for Co 9301 W Belmont Ave Frankline Park II for Corp of America 9230 W Denset Stop Nut Corp of America

Ave Franklin Fark III ES-NAIL Elastic Stop Nut Corp of America 2330 Vauxhall Rd Union NJ ESCO Eastern Nail Co 50 Aleppo St Provi-dence 9 RI ESSO Gibert & Barker Mfg Co Cold Springs

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rysville Ohio EUREKA Bache (Semon) and Co 636 Green-wich St New York 14 NY EUREKA STANDARD STEEL SQUARES Nicholls Mfg Co Ottumwa Iowa EUREKALITE TROWELS Nicholls Mfg Co

EUREKALITE TROWELS Nicholls Mfg Co Ottumwa Iowa EVANEER Evans Prods Co 13101 Eckles Rd Plymouth Mich EVANS WHITE-TAPES Evans Rule Co 400-416 Trumbull Elizabeth NJ EVEN LINE Rotary Clothes Dryer Co Inc 840 Lawrence St Allentown Pa EVEN-TEMP Northwest Metal Products Inc 55 Spokane St Seattle 4 Wash EVER-FAST Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY EVERFAST Ambroid Co Box 30 Weymouth 88 Mass

EVERTAGE Ambroa Co Box as meghaning-is Mass
 EVERFAST Howe & French Inc 798 Washing-ton St Weymouth 88 Mass
 EVERGLAZE Mosaic Tile Co 1949 Pershing Ave Zanesville Obio
 EVERGUARD Weatherguard Service Inc 564 Jackson Ave New York 55 NY
 EVERITE Walton Plywood Co Everett Wash
 EVERITE Barrett Div Allied Chemical & Dve Corp 40 Rector St New York 6 NY
 EVERLAST Acme Brick Co PO Box 425 Ft Worth Tex
 EVERLASTIC Acme Brick Co PO Box 425 Ft Worth Tex

Ft Worth Tex EVERLASTIC Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY EVERLASTING Wall (P) Mfg Co 200 Eric St

EVERLASTING Wall (P) Mfg Co 200 Erie St Grove City Pa EVERLOX Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY EVERMIST Everphot Prods Co 2001 W Carroll Ave Chicago 12 III EVERMIST Everphot Div Everhot Prods Co 2001-09 W Carroll Chicago 12 III EVERET Acme Brick Co PO Box 425 Ft Worth Tex

Worth Tex EVERSPRAY Everhot Prods Co 2001 W Car-roll Ave Chicago 12 III EVERSTICK Hayes Adhesives Co Inc Union Blvd at Brown St Louis 15 Mo EVERTITE LIQUID RESIN GLUE Franklin Glue Co 119 W Chestnut St Columbus 4 O EVERWEAR LOUVERS Rudeen (N H) Co 1645 Hennepin Minneapolis 3 Minn EV-RI-WAY Roach & Musser Co Muscatine Lowa

EXECUTONE Executone Inc 415 Lexington

EXECUTONE Executone Inc 415 Lexington Ave New York 17 NY EXPAND.R-STRAP Gerrard (A J) & Co 1950 Hawthorne Sq Melrose Pk III EXPENISTIE Pratt & Lambert Inc 23 State St Norwich NY EXPEDITE Pratt & Lambert Inc 75 Tona-wanda St Buffalo 7 NY EXTENDOR Extendoor Inc 1823 Commerce St Muskegon Mich EXTERDORE National Chemical & Mfg Co 3617 S May St Chicago 9 III EXTERDAL Reck-Tred Corr 7440 W St Louis

EXTESEAL Rock-Tred Corp 7440 N St Louis Skokie III

EXTRA SUPERIOR Tubba Cordage Co 200 Bush St San Francisco Calif E-Z-FLOAT Roach & Musser Co Muscatine

E-Z GLAZE Calbar Paint & Varnish Co 2612-26 N Martha Philadelphia 25 Pa

E-Z GLIDE Essential Prods Corp 1120 N Madi-son St Little Chute Wis

AMERICAN BUILDER

Ohio

E-Z-KLEEN Roach & Museer Co Muscatine E-Z-ON Baltz (R N) and Co 1009 Harvard Ter

E-Z-ON Baltz (R N) and Co 1009 Harvard Ter Evanaton III
E-Z SHELVING HARDWARE Standard Steel Works 16th & Howell N Kansas City Mo
E-ZEE LOC Woodco Corporation Box 31 North Bergen NJ
E-Z-VENT Roach & Musser Co Muscatine Iowa
E-Z-VENT Park Minn
E-Z-VENT Park Musser III III

F L Farley & Loetscher Mfg Co Dubuque

Iowa PPF Reese Metal Weatherstrip Co 712 Park Ave Minneapolis Minn F W D Four Wheel Drive Auto Co E 12th Clintonville Wis

Clintonville Wis F & L DE LUXE Farley & Loetscher Mfg Co Dubuque Iowa F & W Flint & Walling Mfg Co Inc 95 Oak St Kendaltville Ind FABCO Fabry Mfg Co Date & Orange Sts Albonbog Colif

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Alhambra Calif FABCO CLOSURE STRIPS Fabricated Prod-ucts Co Inc Water St West Newton Pa FABRICO Woodco Corp Box 31 North Bergen

FABRICO E Z HUNG Screens & Fabricated Metals Corp 3323 Paterson Rd North Bergen

FABULON Pierce & Stevens Inc 710 Ohio St Buffalo 3 NY FABULOY Pierce & Stevens Inc 710 Ohio St

Buffalo 3 NY FACTROTITE Mississippi Glass Co 88 Ange-liea St St Louis 7 Mo FAIRFAX Edwards Co Inc Post Hill Rd Nor-

- FAIRFIELD Autoyre Co Oakville Conn FAIRFIELD BUILDER Fairfield Engineering Co 324 Barnhart St Marion Ohio

FAIRFIELD BUILDER Fairfield Engineering Co 324 Barnhart St Marion Ohio FAIRFIELD FEATHER-LITE Fairfield Engi-neering Co 324 Barnhart St Marion Ohio FAIRFIELD HAINES Fairfield Engineering Co 324 Barnhart St Marion Ohio FAIRFIELD HUGHES Fairfield Engineering Co 324 Barnhart St Marion Ohio

- FAIRFIELD HUGHES Fairfield Engineering Co 324 Barnhart St Marion Ohio FAIRFIELD SMOOTH-FLO Fairfield Engi-neering Co 324 Barnhart St Marion Ohio FALLS CITY True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio FALMOUTH Portland Stove Foundry Co 57 Kennebec St Portland Maine FAN-AIR Premier Furnace Co Box 150 Do-wariac Mich.

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wagine Mich FAN-GLO HEETAIRES Lasalle Products Inc 143 Seneca St Buffalo 8 NY FARLITE Farley & Loetscher Mfg Co Du-

- FARLO-ROL Farley & Loetscher Mfg Co Du-

FARLO-SEAL Farley & Loetscher Mfg Co

FARLOSEAU Dubuque Iowa FARWEST HOMES West Coast Mills 555 State St Chehalis Wash FASHIONFOLD Howe Manufacturing Corp 1203 S Jackson St Janesville Wis FAST-EST Raymond Lumber Co Tomahawk Wie

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- FASTINGE No-Mortise Hinge Corp Bound Brook NJ FASTRIP United Gilsonite Laboratories 1396 Jefferson Ave Scranton 1 Pa FEATHERWEIGHT Keasbey & Mattison Co Butler Ave Ambler Pa FEDERAL NOARK Federal Pacific Electric Co 50 Paris St Newark 1 NJ FENESTRA Detroit Steel Prod Co 2250 E Grand Blvd Detroit 11 Mich FERRAFLOR Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa FERRAPLY Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa FERRAPLY Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa

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FERROKOTE Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa

FERROLITH Sonneborn & Sons Bldg Prods 404 Fourth Ave New York 16 NY

- FERROTONE Penetone Co (The) 74 Hudson Ave Tenefly NJ
- FESCO BOARD Schundler (F E) & Co Inc 504 Railroad St Joliet Ill
- FIBERCAST Youngstown Sheet & Tube Co Stambaugh Bldg Youngstown 1 Ohio
- FIBERLITE Insulite Co Minnesota Ontario Paper Co 500 Investors Bldg Minneapolis 2 Minn

FIBRE FLEECE Janesville Cotton Mills 220 N Franklin St Janesville Wis FIBREKOTE National Mfg Corp 2343 Flang-gan St Tonawanda NY

FIBRETEX Johns-Manville Corp 22 East 40th St New York 16 NY FIBRETONE Johns-Manville Corp 22 East 40th

St New York 16 NY St New York 16 NY 50-50 PUSH OVER Allth Prouty Inc 819 N Bowman Ave Danville III #52 CALCODA Calbar Paint & Varnish Co 2612-26 N Martha Philadelphia 25 Pa 54 Howe Scale Co 2947 Scale Ave Rutland Vt #5500 MASTIC Armstrong Co 1001 East 103rd St Chicago 28 III FIGUREMASTER Marchant Calculators Inc 1475 Powell St Ockland & Calif

St Chicago 28 III FIGUREMASTER Marchant Calculators Inc 1475 Powell St Oakland & Calif FIGUREMATIC Marchant Calculators Inc 1475 Powell St Oakland & Calif FILMCURE #58 Tuffalt Inc 137 Bausman St Pittshurgh 10 Pa FILM-OFF Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo FILON Filon Plastics Co 2051 E Maple Ave El Segundo Calif

FILON Filon Plastics Co 2051 E Maple Ave El Segundo Calif FILZIT Luthi (F C) & Co 214 Balter Bidg New Orleans 12 La FINEWOOD Dulaney Plywood Corp 300 W Main St Louisville Ky FINGER-STRAP Gerrard (A J) & Co 1950 Hawthorne Sq Melrose Park III FINNELL Finnell System Inc 500 E St Elkhart Ind

FIRAGLE Finnell System inc 500 E St Eiknart Ind
 FIRE-CHEX Carey (Philip) Mfg Co 320 S Wayne Cincinnati 15 Ohio
 FIRE-FOE Price Fire & Water Proofing Co Poughkeepsie NY
 FIRE-GUARD Carey (Philip) Mfg Co 320 S Wayne Cincinnati 15 Ohio
 FIRE-LOCK Kaul Clay Mfg Co Spring St Box 128 Toronto Ohio
 FIRECRET Johns-Manville Corp 22 East 40th St New York 16 NY
 FIREFOEL Carey (Philip) Mfg Co 320 S Wayne Cincinnati 15 Ohio
 FIRECRET Ohioson Stoker Corp PO Box

Wayne Cincinnati 15 Ohio FIREGUARD Chicago Stoker Corp PO Box 458 Wheeling Ill 458 Wheeling Ill FIREHOLD Cheeseman-Elliot Co Inc 645 Kent Ave Brooklyn 11 NY FIREHOOD Condon-King Co 1247 Rainier Ave

FIREHOUD Condon-King Co 1247 Kainier Ave Seattle 44 Wash FIRESTONE VELON Plastic Woven Prods 51 Camden St Patterson NJ FIRESTOP BESTWALL Certain-Teed Prod-uets Corp 120 E Lancaster Ave Ardmore Pa FIRE VALVE Swartwout Co 18511 Euclid Ave Claudicad 12 Obte

ucts Corp 120 E Lancaster Ave Ardmore Pa FIRE VALVE Swartwout Co 18511 Euclid Ave Cleveland 12 Ohio FIRMFLEX Gardner Wire Co 1325 S Cicero Chicago 50 Ill FIRITE United States Plywood Corp 55 W 44th St New York 36 NY FTLER Filter (Edwin H) Co Devereaux & Milnor Philadelphia 24 Pa 5 F 5 Sterling Paint & Varnish Co 184 Commercial St Malden 48 Mass 500 Howe Scale Co 2947 Scale Ave Rutland Vt 5-STAR General Paint Corp 2627 Army St San Francisco Calif FIVE STAR PLANS Better Homes & Gardens 1716 Locust St Des Moines 3 Iowa FIWALE Fiwale Equipment Mfg Co 105 Reade St New York 13 NY FILAGERTE General Concrete Prods Inc 15025 Oxnard St Van Nuys Calif PLAMERTE Wanes Lin Tort & Duck Co

Oxnard St Van Nuys Callf FLAMEZEL Wenzel (H) Tent & Duck Co 1035 Hickory St Louis Mo FLAMINGO Riverton Lime & Stone Co Inc

Riverton Va FLASH STEEL BRIDGING Flash Bridge Co

FLASH STEEL BRIDGING Flash Bridge Co US 31 & 32 St Holland Mich FLAT-TOPP Carey (Philip) Mfg Co 320 S Wayne Cincinnati 15 Ohio FLEETLITE Fleet of America Inc 515 New Walden Ave Buffalo 25 NY FLETCHER Fletcher-Terry Co 437 South St Forestville Conn

FLETCHER Fletcher-Terry Co 437 South St Forestville Conn FLEXACHROME Tile-Tex Div Flintkote Co 1232 McKinley Ave Chicago Heights Ill FLEXALUM Hunter Douglas Corp 150 Broad-way New York 38 EY FLEX A SWITCH Metzgar Conveyor Co 413 Douglas NW Grand Rapids 4 Mich FLEXAZONE Drayson-Hanson Div National US Radiator Corp 3301 Medford St Los Angeles 63 Calif FLEXBOARD Johns-Manville Corp 22 East 40th St New York 16 NY FLEXCELL Celotex Corp 120 S Lasalle St Chicago 3 Ill

PLEX-CORNER Steel Corner Tape Corp 121-07 133rd St Ozone Park LI NY FLEXIBRUSH Kwiksand Inc 529 Merchants Rd Rochester 9 NY

FLEXI-BILT FRAME KIT Firpine Products Co PO Box 188 Oswego Ore

FLEXI-BILT FRAME KIT Lehman S shield Co 3355 York Rd Philadelphia 40 Spray-0 Pa

FLEXICO Obrien Corp 101 N Johnson St South Bend 21 Ind

FLEXI DUCT TAPE Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 Ill FLEXIFONE Dukane Corp St Charles Ill

FLEXIGUM Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY

FLEXISEAL Landen Putty Works 45 Irving St Malden Mass

FLEXLOY Capewell Manufacturing Co 60 Governor St Hartford 2 Conn

FLEX-O-CAP Crofoot Mfg Co 217 Evergreen Mt Froepoet III FLEX-O-GLASS Flex-O-Glass Inc 1100 N Cleero Ave Chleago 51 III FLEX-O-SEAL Reese Metal Weatherstrip Co 712 Park Ave Minneapolis Minn FLEXROLLER Hypro Engineering Inc 700 39th Ave NE Minneapolis 21 Minn FLEXROTOR Hypro Engineering Inc 700 39th Ave NE Minneapolis 21 Minn FLEXROTOR Hypro Engineering Inc 700 39th Ave NE Minneapolis 21 Minn FLEXROTOR Hypro Engineering Inc 700 39th Ave NE Minneapolis 21 Minn FLEXROTOR Hypro Engineering Inc 700 39th Ave NE Minneapolis 21 Minn FLEXSCREEN Benett-Ireland Inc 23 State St Norwich NY FLEX-SEE Amer Logging Tool Div Broderick & Bascom 4203 Union Blvd St Louis 15 Mo FLEXSTORE Johns-Manville Corp 22 East 40th St New York 16 NY FLEX-TUNG Capewell Mfg Co 60 Governor St Hartford 2 Conn FLEXWOD United States Plywood Corp 55 W 44th St New York 36 NY FLIGHT-VEYOR American Conveyor Co 1115 WAdams Chicago 7 III FLINT BOND Robinson Clay Product Co 65 W State St Akron 9 Ohio FLO-MASTER Acme Equipment Co 213 E Broadway Muskogee Okia

W State St Akron 9 Ohio FLO-MASTER Acme Equipment Co 213 E Broadway Muskogee Okla FLOATING Stanley Works New Britain Conn FLOOR-KING American Floor Surfacing Ma-chine Co 515 S St Clair St Toledo 3 Ohio FLOOR LEVEL Delta Heating Corp 1 Cole St Traston 9 N1

Trenton 8 NJ FLOORLEVEL General Automatic Prods Corp 2300 Sinclair Lane Baltimore 13 Md FLOORMASTER Atlas Floor Surfacing Ma-chinery Co 248 E 34th St New York 16 NY FLOORSTONE Tamma Industries Inc 228 N La Salle St Chicago 1 Ill FLOR-CEAL Builders Products 105 W Adams St Chicago 3 Ill ELORDATCH American Ashestos Prods Co

St Chicago 3 Ill FLOR-PATCH American Asbestos Prods Co 8000 Franklin Blvd Cleveland Ohio FLORBOSS Florboss-Habit Co 4181 W Mon-teres Chicagott U

FLOKBOSS FIGTODSS-HADIC CO 4181 W MON-trose Chicago 41 III.
FLORENCE LUXURI-LINE Florence Stove Co 1154 Merchandise Mart Chicago 54 III
FLORENCE-QUAKER Florence Stove Co 1154 Merchandise Mart Chicago 54 III
FLOVEYOR Brady Conveyors Corp 20 W Jack-son Blvd Chicago 4 III
FLOW-COLD Acme Industries Inc 600 N Me-chanics IJ Jackson Mich
FLOW-TEMP Acme Industries Inc 600 N Me-chanics IJ Jackson Mich

chanic St Jackson Mich FLUID-TITE Keasbey & Mattison Co Butler Ave Ambler Pa FLUSH WALL RADIO Flush Wall Radio Co 1012 Cleveland St Clearwater Fla FLUTEX Blue Ridge Glass Corp PO Box 631

Kingsport Tenn FLUX-STIK Lake Chemical Co 3052 W Carroll

Kingsport Tenn FLUX-STIK Lake Chemical Co 3052 W Carroll Chicago 12 Ill FOAMASTER Atlas Floor Surfacing Machin-ery Co 248 E 34th St New York 16 NY FOAMGLAS Pittsburgh Corning Corp 1 Gate-way Center Pittsburgh 22 Pa FOAM-TUFT Hewitt-Robins Inc 666 Glen-brook Rd Stamford Conn FOL-BAK Holcomb & Hoke Mfg Co Inc 1545 Van Buren Indianapolis 7 Ind FOLD-A-STAIR Craig Wood Prods Co Bren-nan Rd Columbus Ga FOLD-A-STAIR Craig Wood Prods Co Bren-nan Rd Columbus Ga FOLD-A-WAY Patent Scafolding Co (The) 38-21 12th St Long Island City 1 NY FOLD-A-WEIGH Standard Building Prods Co 621 McDonald Ave Brooklyn 18 NY FOLDOR Holcomb & Hoke Mfg Co Inc 1545 Van Buren Indianapolis 7 Ind FOLDOR Currey Steel Prods Co 417 S Spring Independence Mo

FOLDIOF Currey Steer Product Con-Independence Mo FOLTOP & ROLLTOP Curry Steel Prods Co 417 S Spring Independence Mo FOND DU LAC STONE Fond Du Lac Stone Co Inc Hwy 41 S Box 148 Fond du Lac Wis FOOTHOLD Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY FOR-AIR Spray-O-Bond Co 2225 N Humboldt Milwaukee 12 Wis FORCE-FLO Trane Company 3rd & Cameron La Crosse Wis

La Crosse Wis FOREST HARDBOARD Forest Fiber Prods Corp Box 68 A II Forest Grove Ore FORESTONE Simpson Logging Co Shelton

Wash FORGEWELD Colson Corp Elyria Ohio FORMBINDER Gerrard (A J) & Co 1950 Hawthorne Sq Melrose Park III FORM FLO Standard Register Co Campbell & Albany Dayton 1 Ohio FORMFREE Mosaic Tile Co 1949 Pershing Ave Zanesville Ohio FORMICA Formica Co 4514 Spring Grove Cin-cinnati 32 Ohio

FORMULA J Johnson (J W) Co 3100 W Ran-dolph Bellwood Ill

FORMULA 602 Penetone Co (The) 74 Hud-son Ave Tenafly NJ

FORMULA 640 Haynes Prods Co 4007 Farnam St Omaha 3 Neb

4500 LINE Sargent & Co 45 Water St New Haven 9 Conn

FORTY-SIXTY Curtis Lighting Inc 6135 W 65th St Chicago 38 Ill

FORWAY US Expansion Bolt Co 500 State St York Pa FOUR A Alabama Metal Lath Co Inc 3235 Fayette Ave Birmingham 1 Ala

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4-WAY SAFETY PLATE Inland Steel Co 38 S Dearborn St Chicago 3 Ill

 4-XD Scott (O M) & Sons Co Marysville Ohio FRANKLIN LIQUID HIDE GLUE Franklin Glue Co 119 W Chestnut St Columbus 4 Ohio

FRANTZ Frantz Mfg Co 301 W 3rd St Ster-

FREEMAN Illinois Iron & Bolt Co Carpenters-

FRENCH LOCK Certain-Teed Products Corp

FRENCH LOCK Certain-Teed Products Corp 120 E Lancaster Ave Ardmore Pa FRENCH PROVINCIAL Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md FRESH-AIR MAKER Schwitzer-Cummins Co 1125 Massach Ave Indianapolis 7 Ind FRICTEX Sonneborn & Sons Bldg Prods 404 Fourth Ave New York 16 NY FRICTION-MATIC Bolce Crane Co 930 W Central Ave Toledo 6 Ohio FRIDG-A-FIRE Automatic Firing Corp 4417 Oleatha Ave St Louis 16 Mo FROZEN HEAT Robeson Cutlery Co Inc 3646 Case St Perry NY FRYCHEX Astrup Co 2937 W 25th St Cleve-land 13 Ohio

Iand 13 Ohio FULITE Schacht Associates Inc 1175 E 156th et New York 59 NY

FULLER BRIKARIER Builders Material Inc

601 3rd St SE Cedar Rapids Iowa FULLER BRIKARIER Fuller Mfg Co 2 R R

FULLER BRIKARLER Fuller Mfg Co 2 R R Dept AB4 Newhall Iowa
 FULLER TILLE CARRIERS Fuller Mfg Co 2 R R Dept AB4 Newhall Iowa
 FULTON Variety Mfg & Engineering Co 810
 W Fulton St Chicago 7 III
 FURLART Inland Steel Products Co 4111 W Burnham Milwaukee Wis
 FURNAS-CRETE Mexico Refractories Co Love and Cole Sts Mexico Mo
 FYNAL-KOIC Weatherbest Corp 986 Oliver St North Tonawanda NY
 FYNAL-KOTE Creo-Dipt Co Inc 986 Oliver St North Tonawanda NY
 FYNAL-KOTE Weatherbeat Corp 986 Oliver St North Tonawanda NY
 FYNAL-KOTE Weatherbeat Corp 986 Oliver St North Tonawanda NY
 FYNAL-KOTE Weatherbeat Corp 986 Oliver St North Tonawanda NY
 FYNAL-ROTE Weatherbeat Corp 986 Oliver St North Tonawanda NY
 FYNAL-ROTE Weatherbeat Corp 000 Co Box 97 Friends Sta Riehmond Ind

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G-E TEXTOLITE Roddis Plywood Corp 1155 Palmetto Marshfield Wis GAIR-LOCK Gairing Tool Co 21221 Hoover Rd Detroit 32 Mich GAL-VA-NITE Ford Roofing Prods Co 6 N Michigan Ave Chicago 2 Ill GALVANUM Vita-Var Corp 10 Commerce Ct Newark NJ

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GAED-STEIP Gardner Wire Co 1325 S Cicero Chicago 50 III GAR-SEE-LITE Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 III GAS-A-FIRE Automatic Firing Corp 4417 Oleatha Ave St Louis 16 Mo GAS DE LUXE The Williamson Company 3500 Madison Road Cincinnati 9 Ohio GAS SECIAL The Williamson Company 3500 Madison Road Cincinnati 3 Ohio GAS SUPER The Williamson Company 3500 Madison Road Cincinnati 9 Ohio GAS AUPER The Williamson Company 3500 Madison Road Cincinnati 9 Ohio GAS AUPER The Williamson Company 3500 Madison Road Cincinnati 9 Ohio GASAVER The Williamson Company 3500 Madison Road Cincinnati 9 Ohio GEE-VEE-LINE Haslet Chute & Conveyor Co 717 Brower Ave Oaks 1 Pa GEHL Eddy Stoker Corp PO Box 458 Wheeling III

GEHL Chicago Stoker Corp PO Box 458 Wheeling III

Wheeling III GEM Lehman Sprayshield Co 3355 York Rd Philadelphia 40 Pa GEM Jones & Brown Inc 439 Sixth Ave Pitts-burgh 19 Pa GEM Manifold Sanitary Pottery Inc Perrys-

burgh 19 Pa GEM Mansfield Sanitary Pottery Inc Perrys-Ohio

ville Ohio GEM Marlow Pumps Box 566 Ridgewood NJ GEM Richbilt Mfg Co 3277 Spring Grove Cin-

GEM Richild Mir Pumps Box 566 Ridgewood NJ GEM Richild Mir Co 3277 Spring Grove Cin-cinnati 25 Ohio GEMCO Moore (Goodloe E) Inc PO Box 846 Danville III GEM-GLO Reliable Metal Novelty Co Inc 25 Elm Ave Mt Vernon NY GEM-SET Bay State Abrasive Products Co Union St Westboro Mass GENCASEAL General Cable Corp 420 Lex-ington Ave New York 17 NY GENERAL Great Northern Mig Corp 1056 N Wood St Chicago 22 III GENERAL GBERALTAR General Plywood Corp 3131 W Market Louisville 12 Ky GENERAL QUICK AID General Detroit Corp 110 Mt Elliot Av Detroit 7 Mich GENSCO Genero Tools 1830 W Kostner Ave Chicago 39 III

Chicago 39 III GENUINE MURDOCK Murdock Mfg & Supply Co 426-30 Plum St Cincinnati 2 Ohio GENUINE STILLSON Walworth Co 60 E 42nd St New York 17 NY GENUWOOD Parkwood Corp 24 Water St Water St

Wakefield Mass GERMANTOWN Griffith Tool Works Inc 2nd St & Duncannon Philadelphia 20 Pa

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GIANT ROLLER Woodenware Prods Corp 122 N 7th St St Louis 1 Mo GIBRALTAR Fiat Metal Mfg Co 9301 W Bel-

GIBRALTAR Fiat Metal Mfg Co 9301 W Bel-mont Ave Franklin Park III GLEBARCO Gilbert & Barker Mfg Co Cold Springs Ave W Springfield Mass GILSALUME United Gilsonite Laboratories 1396 Jefferson Ave Scranton 1 Pa GLAMOUR Farley & Loetscher Mfg Co Du-bucue Lowa

GLANOUK Farley & Loeuscher mig Co Dubuque Iowa
 GLAMOUR Glamour Glass Wal-Dor Corp 4723
 N Pulaski Chicago III
 GLASIRON Wolverine Porcelain Enameling 3350 Scotten Ave Detroit 10 Mich
 GLASS MAT Angier Corp Fountain St Framingham Mass
 GLASS-ONET Flex-O-Glass Inc 1100 N Cicero Ave Chicago 51 III
 GLASSHEAT Continental Radiant Glass Heating Corp 1 E 35th New York NY
 GLASSERFACED Kirlin Co 3435 E Jefferson Detroit 7 Mich
 GLATE United States Grysum Co 300 W Adams St Chicago 6 III
 GLAZECOAT Johns-Manville Corp 22 E 40th St New York 16 NY

GLAZECOAT Johns-Manville Corp 22 E 40th St New York 16 NY GLAZOL United Gilsonite Laboratories 1396 Jefferson Ave Scranton 1 Pa GLENDURA Imperial Paper & Color Corp PO Box 231 Glens Falls NY GLIDE Frantz Mfg Co 301 W 3rd St Sterling

III GLIDE Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY GLIDE-AWAY Farley & Loetscher Mfg Co

GLIDE-AWAY Farley & Loetscher Mfg Co-Dubuque Iowa
 GLIDE-MASTER Arthur Cox & Sons Inc 70 N Sycamore St Pasadena Calif
 GLISTO Sapolin Paints Inc 229 E 42nd St New York 17 NY
 GLOBEROID Globe Paint Works Inc PO Box 36 Williamsport 5 Pa
 GLONAMEL Globe Paint Works Inc PO Box 36 Williamsport 5 Pa
 GLONAMEL Globe Paint Works Inc PO Box 36 Williamsport 5 Pa
 GLONAMEL Globe Paint Works Inc PO Box 36 Uliamsport 5 Pa
 GLONAMEL Globe Paint Works Inc PO Box 36 Uliamsport 5 Pa
 GLONAMEL Globe Paint Works Inc PO Box 36 Uliamsport 5 Pa
 GLONAMEL Globe Joint State State

Ising City J NT
 GLUINE Consumers Glue Co 1515 Hadley St Louis 6 Mo
 GLUMAC Perma Products Co 20310 Kinsman Rd Cleveland 32 Ohio
 GNARLED OAK Higgins Industries Inc PO Box 8169 New Orleans 22 La
 GOLD MEDAL Patent Scaffolding Co (The) 38-21 12th St Long Island City 1 NY
 GOLD SEAL Congoleum-Nairn Inc 195 Bel-grove Dr Kearny NJ
 GOLD SEAL Congoleum-Nairn Inc 195 Bel-grove Dr Kearny NJ
 GOLD SEAL Gold Seal Asphalt Roofing Co PO Box 302 Chicago Heights III
 GOLD SEAL Resee Metal Weatherstrip Co 712 Park Ave Minneapolis Minn
 GOLD SEAL Resee Metal Weatherstrip Co 712 Port Duqueane Pittaburgh Plate Glass Co 632 Fort Duqueane Pittaburgh 22 Pa
 GOLD TH Fletcher-Terry Co 437 South St Forestrille Conn
 GOLDEN KEY HOMES Oakland Foundry Co Belleville III

Belleville III GOLDENTONE Briar Hill Stone Co Glenmont

GOSSETT Kees (F D) Mfg Co 700 Park Ave GRAHAM DOOR OPERATORS Graham In-

GRAHAM DOOR OPERATORS Graham Industries Inc 6901 Carnegie Cleveland 3 Ohio
 GRAHAM DOORS Graham Industries Inc 6901 Carnegie Cleveland 3 Ohio
 GRAIN-TEX Jones & Brown Inc 439 Sixth Ave Pittsburgh 19 Pa
 GRAIN-TIFE Chicago Paints Inc 4500 W 14th Chicago 23 Ill
 GRAIN-TIFE Chicago Paints Inc 4500 W 14th Chicago 23 Ill
 GRAIND The Sunray Stove Co 155 S Sandusky N Delaware Ohio
 GRAND PRIZE United States Gypsum Co 300 W Adam St Chicago 6 Ill

W Adams St Chicago 6 III GRANI-LITE Wallace Mrg Co 10th & Fayette North Kansas City Mo GRANITE-TONE Color-Craft Products Inc 5035 Belleville Detroit 11 Mich GRANITEX Mosaic Tile Co 1949 Pershing Ave Zanesville Ohio CPAPHOTYPE Addressent Williemach

Zanesville Ohio GRAPHOTYPE Addressograph Multigraph Corp 1200 Babbitk Road Cleveland 17 Ohio GRATELITE Guth (Edwin F) Co 2615 Wash-ington St Louis 3 Mo GRAVITY Standard Conveyor Co 315 NW Sec-ond St N St Paul 9 Minn GRAYLITE Insulite Co Minnesota & Ontario Paper Co 500 Investors Bldg Minneapolis 2 Minn

Paper Co 500 Investors Bldg Minneapolis 2 Minn GRAYS HARBOR Mackie Mill Co Westport Route Aberdeen Wash GREASEPTOR Zurr (J A) Mfg Co 1881 Pitts-burgh Ave Erie Pa GREEN-LABEL Johnson (S C) & Co Inc 1525 Howe St Racine Wis GREEN-LABEL Johnson (S C) & Co Inc 1525 Howe St Racine Wis GREEN RIVER Russell Harrington Cutlery Co 44 River St Southbridge Mass CDEEN COT South Mark Co 1555 Thomaston

GREEN SPOT Scovill Mfg Co 1655 Thomaston Ave Waterville 14 Conn

GREEN-STRIPE Clover Mfg Co 327 Main St Norwalk Conn

GREEN TWEED Slaymaker Lock Co 115 SW End Ave Lancaster Pa

GREGGCO Gregg Products Co 646 Chestnut SW Grand Rapids 2 Mich

GREYSTONE Old American Roofing Mills 7600 Truman Rd Kansas City Mo GREYSTONE Old American Roofing Mills Div Ruberold 500 Fifth Ave New York 36 NY GRID D J Murray Mfg Co 1024 Third St Wausau Wis GRIFFIN Griffin Mfg Co 1515 Cherry St Erie

GRILLADIER Bennett-Ireland Inc 23 State St

Norwich NY GRIND-O-FLEX Merit Prods Inc 4023 Irving Place Culver City Calif GRIP-O-MATIC Owatonna Tool Co 341 Cedar St Owatonna Min GRIP-SNIP Sargent & Co 45 Water St New

GRIP-SNIP Sargent & Co 45 Water St New Haven & Conn GRIP-SNIP Sargent & Co 45 Water St New Haven & Conn GRITCLOTH Bay State Abrasive Prods Co Union St Westboro Mass GROOVEMASTER Western Saw Mfrs Inc 1842 W Washington Los Angeles 7 Calif GROUTEX Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa GUARD Certain-Teed Prods Corp 120 E Lan-caster Ave Ardmore Pa GUARDLAN General Cable Corp 420 Lexing-ton Ave New York 17 NY GULFSPRAY Binswanger & Co 207 N Main St Houston 1 Texas GULFSPRAY Gulf Oil Corp Grant & Seventh St Pittsburgh Pa

St Pittsburgh Pa GULF STREAM Aldrich Co 111 Williams St

Wyoming III GULF TRAK Gulf Oil Corp Grant & Seventh St Pittsburgh Pa GUM-A-TUB Protectub Inc 71 Ludlow St

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н H & C Hart & Cooley Mfg Co 500 E 8th St Holland Mich Holland Mich Holland Mich H-C-H Haynes Prods Co 4007 Farnam St Omaha 3 Neb H-D Hunter Douglas Corp 150 Broadway New York 38 NY

York 38 NY H & H Arrow Hart & Hegeman Electric Co 103 Hawthorne St Hartford 6 Conn HAKO PRODUCTS Hachmeister Inc PO Box

357 Pittsburgh 30 Pa HALIDE LEAK DETECTOR Velocity Power Tool Co 201 N Braddock Ave Pittsburgh 8

Pa HALL LEVEL Hall Level & Mfg Works 1119 E Fourth St Austin Texas HALL-MACK Hall-Mack Co 1380 W Washing-ton Los Angeles 7 Calif HAMILTON Hamilton Mfg Co 1316 18th St True Diverse Will

HAMILTON Hamilton Mig Co 1310 1010 St Two Rivers Wis HAMMER HEAD Hyde Mfg Co Eastford & Clemene Southbridge Mass HAND-I-HACK Lipe-Rollway Corp 806 Emer-son Ave Syracuse 1 NY HAND-O-MATIC Crofoot Mfg Co 217 Ever-

TANDIELT Standard Conveyor Co 315 NW HANDIBELT Standard Conveyor Co 315 NW Second St N St Paul 9 Minn HANDIFILER Standard Conveyor Co 315 NW Second St N St Paul 9 Minn HANDY Meyer (F) & Co 308 S Commercial Poorin III

Peoria III HANDY SPEED-TRU Handy Mfg Co 2432 W Lawrence Chicago 25 III HANOLER Colson Corp Elyria Ohio HANSONITE Elof Hansson Inc 220 E 42nd St

HANSONITE Elof Hansson ine 220 E 42nd St New York 17 NY HANSOTONE Elof Hansson Ine 220 E 42nd St New York 17 NY HARBORITE Harbor Plywood Corp Box 940 Aberdeen Wash HARCO Veach-May-Wilson Inc 1199 Wright Ed Alore Torn

HARCO Veach-May-Wilson Inc 1199 Wright Rd Alcoa Tenn
HARCO BRAND Hardwood Corp of America PO Box 1091 Asheville NC
HARCOL Sonneborn & Sons Bldg Prods 404
Fourth Ave New York 16 NY
HARCRAFT Harvey Machine Co Inc 19200 § Western Torrance Calif
HARD-GLOSS Johnson (S C) & Co Inc 1525 Howe St Racine Wis
HARDLAP Insulite Co Minnesota & Ontario Paper Co 500 Investors Bldg Minneapolis 2 Minn

Minn HARD-TIP Heinemann (F) Saw & Mfg Co 2017 Navarre Rd SW Canton 6 Ohio HARD-TUNG Capewell Mfg Co 60 Governor St

Hartford 2 Conn HARDWOOD BLOCK FLOORING Higgins Industries Inc PO Box 8169 New Orleans 22 La

AMERICAN BUILDER

HARGRAVE Cincinnati Tool Co 1946 Waverly Ave Cincinnati 12 Ohio HARMONITONE Mosaic Tile Co 1949 Pershing Ave Zanesville Ohio HART Stratton Terstegge Co Anchor Div 300 Culbertson Ave New Albany Ind HARVEY American Screen Froducts Co 807 NW 20th St Miami 37 Fla HASKO Haskelite Mfg Corp 701 Ann St NW Grand Rapids Mich HAWK SPREAD Ohio Lime Co Woodville Ohio MAY DEN Hayden Twiat Drill Co 8626 Lyndon Ave Detroit 38 Mich HAYES Gerber Plumbing Fixtures 232 N Clark St Chicago 1 Ill HAYPROC Haynes Proda Co 4007 Farnam St Omaha 3 Neb

3 Neb

Omaha 3 Neb HAZACORD Hazard Ins Wire Wks Div Oko-nite 70-72 Hazel St Passaic NJ HAZARD Hazard Insulated Wire Works Div Okonite Co 70-72 Hazel St Passaic NJ HEARTH-AIRE Hearthaire Conditioning Co 3126 Scarborough Cleveland Ohio HEAT-PAK Aldrich Co 111 Williams St Wyo-ming U

Bize Scarborough Cleveland Ohio
 Bize Scarborough Cleveland Ohio
 BEAT-PAK Aldrich Co 111 Williams St Wyoming II
 BEAT-PAK Aldrich Co 111 Williams St WyoCleveland 9 Ohio
 BEAT-REM Speco Inc 7308 Associate Ave Cleveland 9 Ohio
 BEATFORM Superior Fireplace Co 1708 E
 Bith St Los Angeles 21 Calify E Brighton Ave Syracuse 6 NY
 BEATMLATOR Heatilator Inc 1008 E Brighton Ave Syracuse 6 NY
 BEATMLATOR Heatilator Inc 1008 E Brighton Ave Syracuse 6 NY
 BEATWAY Stokermatic Co 1409 S State St Salt Lake City Utah
 BEATW AY Stokermatic Co 1409 S State St Salt Lake City Utah
 BEATW AY Stokermatic Co 1409 S State St Salt Lake City Utah
 BEATW AY BOUT WALCO Walworth Co 60 E 42nd St New York 17 NY
 BEAVY AB Old American Roofing Mills 7600
 Trunan RK Kanass City Mo
 HELOADER Heil Co 3000 W Montana St Milwaukee 2 Wis
 BEIRLOOM McCloskey Varnish Co 7600 State Rd Philadelphia 36 Pa
 HELLER International Twist Drill Corp 618
 Wyandotte St Kanass City 5 Mo
 HELLER International Twist Drill Corp 618
 Wyandotte St Kanass City 5 Mo
 HELMST HEAD Boice Crane Co 930 W Central Ave Toledo 6 Ohio
 HELY Hillwood Mfg Co 21700 St Clair Ave Cleveland 17 Ohio
 HENDY Henderson Furnace & Mfg Corp 3075
 Gravenstein Sebatopol Calif
 HERCULES Bache (Semon) & Co 636 Greenwich St New York 14 NY
 HERCULES Newark Ladder & Bracket Co Inc 17 Walnut Ave Clark Rahway NJ
 HERCULES Newark Ladder & Bracket Co Inc 17 Walnut Ave Clark Rahway NJ
 HERCULES True Temper Corp 1623 Euclid Ave Usevaland 15 Ohio

Haven 99 Conn HERCULES True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio HERCULITE Pittsburgh Plate Glass Co 632

Fort Duquesne Pittsburgh Flate Glass Co 652 Fort Duquesne Pittsburgh 22 Pa HERCULOCK Independent Lock Co 1950 Cleg-horn Fitchburg Mass HERITAGE Birge Co Inc 390 Niagara St Buf-

faio 1 NY HERMITAGE Leathers (A H) Mfg Co Box 29 Dickson Tenn HERRINGBONE Merwin Mfg Co 19th &

HERRINGBONE Merwin Mfg Co 19th & German Erie Pa HEVI-KOTE CEMENT PAINT Pyramid Com-pany 433 Maple Ave Downers Grove Ill HEVI-LIFT Harnischfeger Corp 4400 W Na-tional Milwaukee 46 Wis HEX-LOCK Williams Form Engineering Corp 1501 Madison Ave Grand Rapids Mich HEX-NUT Williams Form Engineering Corp 1501 Madison Ave Grand Rapids Mich HEX-NUT Williams Form Engineering Corp 1501 Madison Ave Grand Rapids Mich HEXCAST US Expansion Bolt Co 500 State St York Pa

York Pa HI-CAP Rempe Co 340 N Sacramento Chicago

111 HICO Anchor Mfg Co 2932 W 26th St Chicago

HICO Webrib Steel Corp 120 Broadway New

York 5 NY HI-DEGREE Cheeseman-Elliot Co Inc 645 Kent Ave Brooklyn 11 NY HI-LINE Lufkin Rule Co 1730 Hess Ave Sagi-

naw Mich HI-LITE Farley & Loetscher Mfg Co Dubuque

Ia HI-LO Concrete Transport Mixer Co 4985 Fyler Ave St Louis 9 Mo HI-LO Wolfe Prods Inc 71 Elinor Ave Akron

5 Ohio 5 Ohio HI-RATE General Water Heater Corp 1 E Magnolia Blvd Burbank Calif HI-SPEED Baughman Mfg Co Ine Arch & Shipman Rd Jerseyville Ill HI-SPEED Louisville Cement Co 501 S 2nd St Louisville 2 Ky HIDALIFT Turner & Seymour Mfg Co Lawton St Torrington Conn HIDE-A-WEIGH Conant Brothers Co Inc 427 Riverside Ave Medford 55 Mass HIDE-N-SEAL Sonneborn & Sons Bldg Prods

HIDE-N-BEAL Sons Bidg Prods 404 Fourth Ave New York 16 NY HIDEAWAY American Bed & Spring Co 5255 Delmar St St Louis Mo

HIGGINS BONDED BLOCK Higgins Indus-tries Inc PO Box 8169 New Orleans 22 La

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HIGGINS GNARLED OAK Higgins Industries

HIGGINS GNARLED OAR Higgins Industres Inc PO Box 8169 New Orleans 22 La HIGH SPEED Capewell Mfg Co 60 Governor St Hartford 1 Conn HIGHLAND Hulbert (Wm) Mill Co 12th & Norton Everett Wash HILLO Hilco Engineering Co Genoa City Wis HILLSMITH SYSTEMS Hill-Smith Termite Control Co 104 Commerce Bldg Memphis Tenn

Tenn HILL-STONE American Cement Products 7306 Puritan Ave Detroit 38 Mich HILO Frantz Mfg Co 301 W 3rd St Sterling

HILOSET Mexico Refractories Co Love & Cole

HILO Frantz Mig Co 301 W Srd St Stering III
HILOSET Mexico Refractories Co Love & Cole Sts Mexico Mo
HOBO-CHEF Dearborn Stove Co 1700 W Com-merce St Dailas Texas
HOE-BOY Construction Machinery Co 420 Vinton St Waterloo Iowa
HOFFMAN ALUMILUX Clayton & Lambert Mfg Co 1701 Dixis Hwy Louisville 10 Ky
HOIST-ALL Coffing Hoist Div Duff-Norton Co 800 Waiters St Danville III
HOITSMA Hoitsma Adjustable Scaffold Bracket Co 261-265 E 23rd St Paterson 4 NJ
HOLD TIGHT Melnor Metal Prods Co Inc 10-40 45th Ave Long Island City NY
HOLDFAST Gardner Wire Co 1325 S Cicero Chicago 50 III
HOLEGRIP FASTENER Fabricated Prods Co Inc Water St West Newton Pa
HOLFORD Hopes Windows Inc 84 Hopkins Ave Jamestown NY
HOLLDAY Tile-Tex Div Flintkote Co 1232 Mc-Kinley Ave Chicago Heights III
HOLLAND De Jong Inc 34-23 36th St Long Island City 1 NY
HOLORIB Detroit Steel Prod Co 2250 E Grand Blvd Detroit 11 Mich
HOLZON Horni (A C) Co Inc 252 Townsend St and Farmisson Co Information Co Standard Ress
HOLZON Horni (A C) Co Inc 252 Townsend St and Farmisson Calif
HOMEGARD Rousell & Erwin Div American Hardware 102 Washington New Britain Conn Hardaware 102 Washington New Britain Conn Hardaware St Wath Of Architectural Plan Hownes Free Living Architectural Plan

HOMEGUARD Pal-O-Fak Insulation Co inc Hartland Wis HOMES FOR LIVING Architectural Plan Service Inc 89-51 164th St Jamaica 3 NY HOMESHIELD American Screen Prods Co 807 NW 20th St Miami 37 Fla HOMESTEAD Woodenware Prods Corp 122 N 754 674 64 Louis 1. Mo.

HOMESTEAD Woodenware Prods Corp 122 N 7th St Louis 1 Mo
 HOMESTEAD COTTAGE Texas Housing Co 9001 Denton Drive Dallas 9 Texas
 HOMETTE Texas Housing Co 9001 Denton Drive Dallas 9 Texas
 HOME-WAY GBH-Way Homes Inc Walnut III
 HOMFLEX Raybestos-Manhattan Inc Man-hattan Rubber Div 61 Willett St Passaic NJ
 HONEYCUTT International Twist Drill Corp 618 Wyandotte St Kansas City 5 Mo
 HOODAIRE Hearthaire Conditioning Co 3126 Scarbcrough Cleveland Ohio
 HOOSIER Enterprise Co South Main St Co-lumbiana Ohio

Scarborough Cleveland Onio HOOSIEE Enterprise Co South Main St Co-lumbiana Ohio HORNCURE Horn (A C) Co Ine 252 Townsend St San Francisco Calif HORN NO-FREEZE Horn (A C) Co Ine 252 Townsend St San Francisco Calif HORNE BRAND Horne Bros Shingle Co Ltd No Vancouver BC Canada HOT SPOT Miner-Hillard Milling Co 826 See Nat Bank Wilkes Barre Pa HOUGH International Harvester Co 180 N Michigan Ave Chicago I Ill HOUR SEAL Obrien Corp 101 N Johnson St South Bend 21 Ind HOUSEMANT Roddis Plywood Corp 1155 Pal-metto Marshfield Wis HOW-ELL-DOR Howell Mfg Co No Morehall Rd Paol Pa

Rd Paoli Pa HOW-ELL-TITE Howell Mfg Co No Morehall

HOW-ELL-TITE Howell Mig Co No Morehall Rd Paoli Pa
HOWELL Kol-Master Corp 124 Walberg St Oregon III
HPC Sound Insulating Doors Hardwood Prods Corp PO Box 191 Neenah Wis
HUBBELLOCK Hubbell (Harvey) Inc State & Bostwick Bridgeport 5 Conn HUDEE Selck (Walter E) & Co 223 West Hubbard Chicago 10 III
HUDSAON Tilley (John S) Ladders Co Inc 112 Second St Watervliet NY HUFCOR Howe Mig Corp 1203 S Jackson St Janesville Wis
HUNE PROCESS Carter Waters Corp. 2440

Janesville Wis Janesville Wis HUNT PROCESS Carter Waters Corp 2440 Pennway Kanasa City 8 Mo HURON Huron Portland Cement Co 1325 Ford Bldg Detroit 28 Mich HURRICANE ROUTER Hurricane Products 1046 Thomas St Oak Park III HUSHKOTE Cleveland Gypsum Co 1276 W Third St Cleveland 13 Ohio

HUSKY Zoss Ladder & Mfg Co 4901 SW Mac-adam Ave Portland 1 Ore

HUTTIG BY-PASSING DOOR UNIT Huttig Sash & Door Co 1206S Vanderventer St Louis Sash & 10 Mo

HUTTIG GLIDING DOOR UNIT Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 HUTTIG ROLL-LIFT Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo HY-DUTY Schwitzer-Cummins Co 1125 Mas-sach Ave Indianapolis 7 Ind HY-SET Mexico Refractories Co Love & Cole Sta Mexico Mo HY-TENSO SAFE TREAD Safe Tread Co Inc 45 M Bread St Bidgaurod MI

Sts Mexico Mo HV-TENSO SAFE TREAD Safe Tread Co Inc 45 N Broad St Ridgewood NJ HVCASTE Premax Prods Div Chisholm-Ryder Highland & College Niagara Falls NY HVDRA-POWER Perfection Steel Body Co S East St Galion Ohio HVDRATITE Horn (A C) Company Inc 252 Townsend St San Francisco Calif HVDRAULIC ACTION White Rodgers Electric Co 1209 Cass Ave St Louis 6 Mo HVDRO-CHECK Spray-O-Bond Co 2225 N Humboldt Milwaukee 12 Wis HVDRO-CHECK Spray-O-Bond Co 2225 N Humboldt Milwaukee 12 Wis 9 Prospect St Brooklyn 1 NY FVDRO-CHECK Spray-O-Bond Co 2255 N HUDROBAN Central Paint & Varnish Wks 59 Prospect St Brooklyn 1 NY HVDROCIDE Sons Bldg Prods 404 Fourth Ave New York 16 NY HVDROCIDE SONS Sons Bldg Prods 404 Fourth Ave New York 16 NY HVDROCIDE COLORCOAT Sonseborn & Sons Bldg Prods 404 Fourth Ave New York 16 NY

Bldg Prods 404 Fourth Ave New York NY HYDROGARD Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa HYDROGATE Marion Metal Prods Co Cheney Ave at Otis Marion Ohio HYDROHOT Sepco Corp 860 Cross St Potts-

HYDRONON Barrett Div Allied Chemical & Dye Co 40 Rector St New York 6 NY HYLITE Carbola Chemical Co 46 Harris Rd Natural Bridge NY HYSTAWAY Hyster Co 2902 NE Clackamas Fortland 8 Ore

L I-R-C Mexico Refractories Co Love & Cole Sts

Mexico Mo I-BEAM Farley & Loetscher Mfg Co Dubuque

In ICY-FLO McQuay Inc 1600 Broadway NE Minneapolis Minn IDEAL Des Lauriers Column Mould Co 5036 West Lake St Chicago 44 111 IDEAL Universal Hoist & Mfg Co Cedar Falls

Sts Waco Texas IDEAL HYDROPLASTIC Ideal Coment Co 500 Denver Natl Bidg Denver 2 Colo IDEAL ONE BORE Ideal Brass Works Inc 250 East Fifth St St Paul 1 Minn IDEALOX Ideal Brass Works Inc 250 East Fifth St St Paul 1 Minn IDEAL QUIXTRENGTH Ideal Cement Co 500 Denver Natl Bidg Denver 2 Colo IGAS Sika Chemical Corp 35 Gregory Ave Passaic NJ ILCO Independent Lock Co 1950 Cleghorn

Passaic NJ ILCO Independent Lock Co 1950 Cleghorn Fitchburg Mass ILCO Indiana Limestone Co Inc 405 N I St Bedford Ind ILG ILG Electric Ventilating Co 2850 N Fulaski Rd Chicago 41 Ill ILLINOIS Illinois Lock Co 807 S Ada St Chi-cago 7 10

Lineard William Carlo 4 A 11 cago 7 11 IIIIinois Lock Co 807 S Ada St Chi-cago 7 11 IMPERIAL Wilson-Imperial Co 115 Chestnut St Newark 5 NJ IMPERIAL NO-WASH Wilson-Imperial Co 115 Chestnut St Newark 5 NJ IMPERIAL SPEEDMASTER Handley-Brown Heater Co 2101 Brooklyn Rd Jackson Mich IMPERIAL SPEEDMASTER Handley-Brown Heater Co 2101 Brooklyn Rd Jackson Mich IMPERIAL SPEEDMASTER Handley-Brown Heater Co 2101 Brooklyn Rd Jackson Mich INPERIAL SPEEDMASTER Handley-Brown Heater Co 2101 Brooklyn Rd Jackson Mich INPERIAL SPEEDMASTER Handley-Brown Heater Co 2101 Brooklyn Rd Jackson Mich INPERVE ENGANCE SCH Systemore St Cairo III NCLINE TRACK King Mfg Corp 3158 W Chicago Aye Chicago 22 111 INDEFENDANT Stokermatic Co 1409 S State St Salt Lake City Utah INDUSPRAY Tanglefoot Co 314 Straight Ay

INDUSPRAY Tanglefoot Co 314 Straight Av SW Grand Rapids Mich INDUSPRAYOR Tanglefoot Co 314 Straight Ave SW Grand Rapids Mich

INDUSTRIAL HIGH-TENSILE Granite City Steel Co 20th & Madison Granite City Ill INDUSTRO-TILE Carey (Philip) Mfg Co 320 S Wayne Cincinnati 15 Ohio INFRA-RED Pryne and Company Inc 140 N Towne Pomona Calif INGERSOLL Reflectol Corp Subsidiary of Borg-Warner Corp 810 S Michigan Ave Chi-cago 4 Ill

Dearborn St Chicago 8 III INLAND TI-CO Inland Steel Co 38 S Dearborn St Chicago 8 III

INLAND TI-NAMEL Inland Steel Co 38 S Dearborn St Chicago 3 Ill

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ALL-WEATHER Ideal Co 24th & Mary Sts Waco Texas IDEAL FRAME-N-ALL Ideal Co 24th & Mary

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Passaic ILCO In

- INNER-SEAL Bridgeport Fabrics Inc 165 Holland Ave Bridgeport 9 Conn
   INSECTOCUTOR Detjen Corp Div Electro-cuting Fly Screen Co Post Office Bldg Pleas-ant Valley NY
   INSELBRIC Jones & Brown Inc 439 Sixth Ave Pittaburgh 19 Pa
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   INSELSTONE Mastic Asphalt Corp 131 S Taylor St South Bend 24 Ind
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   INSELUM Mastic Asphalt Corp 131 S Taylor St South Bend 24 Ind
   INSELWOOD Jones & Brown Inc 439 Sixth Ave Pittaburgh 19 Pa
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- INSL-COTTON Taylor Bedding Mfg Co Tay-
- Ior Texas INSORUST Standard Industrial Prods 1500 Park St Evansville 4 Ind INSOTHERM Standard Industrial Prods 1500 Park St Evansville 4 Ind INSULAG Quigley Co Inc 527 Fifth Ave New York 17 NY
- York 17 NY INSULAIRE Industrial Prods Co Inc Boswell
- St Mt Pleasant Tenn INSULAYMENT BOARD Camp Co Inc 6958
- INSULATMENT BOARD Camp Co Inc 6958 S State Chicago 21 Ill INSULGLO Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY INSULITE Insulite Co Minnesota & Ontario Paper So 500 Investora Bldg Minneapolis 2

- Paper So 500 Investors Bldg Minneapolis 2 Minn INSULPAYE Wright Hoist Div American Chain Co York Pa INSULROCK Smith & Kanzler Co East Linden Ave Linden NJ INTERCOTE National Chemical & Mfg Co 3617 & May St Chicago 9 Ill INTEGRALOCK Sargent & Co 45 Water St New Haven 9 Conn INTERLOCK Hubbell (Harvey) Inc State & Bostwick Bridgeport 5 Conn INTERLOCK Hubbell (Harvey) Inc State & Bostwick Bridgeport 5 Conn INTERNATIONAL International Harvester Co 180 % Michigan Ave Chicago 1 Ill INVERSAIRE Berger Furnace Corp 4th & Main St Belle Vernon Pa IRIDITED Ponnwoven Inc 70 E 45th St New York 17 NY IRONBOUND Robbins Flooring Co Reed City Mich
- Mich IRON-COTE Sullivan Co (The) 212 E Trigg Memphis 2 Tenn IRONWOOD Shuford Mills Ine PO Drawer 340 Hickory NC IVORY United States Gypsum Co 300 W Adams St Chicago 6 Ill IVORY-X Pass & Seymour Inc 50 Boyd Ave Syracuse 9 NY
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- J N BRAND Cook (F C) & Co 1208-13 Munsey Bidg Baltimore 2 Md JACK FROST Barrett Div Allied Chemical & Dye 40 Rector St New York 6 NY JACK-MASTER Imperial Knife Associated Co Inc 1776 Broadway New York 19 NY JACKLIFT Lewis-Shepard Prods Inc 1556 Walnut St Watertown 72 Mass JACKMANCO Jackson Mfg Co Lochiel Rd Harriaburg Pa
- Harrisburg Pa JACKSON Gerber Plumbing Fixtures 232 N Clark St Chicago 1 III JACKSON Vulcan Electric Co 88 Holten St
- JACKTRACTOR Lewis-Shepard Products Inc 1556 Walnut St Watertown 72 Mass JAL-O-VENT Superior Window Co 5300 N W

- 1856 Walnut St Watertown 72 Mass
  JAL-O-VENT Superior Window Co 5300 N W 37th Ave Miami Fin
  JALOUSUET Vulcan Metal Prods 2801 6th Ave S Birmingham Ala
  JALTERAD CHECKERED FLOOR PLATE Jones & Laughlin Steel Corp 3 Gateway Center Pittsburgh 30 Pa
  JAMBEX Beade X Sales Inc 4615 Eighth Av N W Seattle 7 Wash
  JANITROL Janitrol Heating & Air Con-ditioning Div Surface Combustion Corp. 400 Dublin Ave Columbus 16 Ohio
  JAY BEE Mexico Refractories Co Love and Cole Sta Mexico Mo
  JAY-CEE Ram Tool Corp 411 N Claremont Chicago 12 III
  JENSTEL Jensen Industries 159 S Anderson Los Angeles 33 Calif
  JETBLAK Ruberolo Cos 500 5th Ave New York 36 NY
  JETCETE Construction Machinery Co 420 Vinton St Waterloo Iowa
  JET Z Jet Tool Co Box 247 Lemon Grove Calif
  JET-OMATIC Goulds Pumps Inc 75 Fall St

- Calif JET-O-MATIC Goulds Pumps Inc 75 Fall St Seneca Falls NY JETO Lake Shore Inc E Magnetic St Iron Mountain Mich
- G16

- JEWEL Master Lock Co 2600 N 32nd St Milwaukee 45 Wis JEWEL Reliable Metal Novelty Co Inc 25 Elm Ave Mt Vernon NY

- MIWGUEGE 40 WIS JEWEL Reliable Metal Novelty Co Ine 25 Elm Ave Mt Vernon NY JIFFILINK SNOW FENCE Wheeler-Arnold Co Wittenberg Wis JIFFY Angel Novelty Co 340 Broad St Fitch-burg Mass JIFFY Busch (A G) & Co Inc 2632 N Central Ave Chicago 39 III JIFFY Busch (A G) & Co 349 Woodlawn Ave Aurora 4 III JIFFY Miner-Hillard Milling Co 826 Sec Nat Bank Wilkes Barre Pa JIFFY JACKS Superior Scaffold Co 5624 Bankfield Ave Cuiver City Calif JIFFY JOINT Cannelton Sewer Pipe Co 4th and Washington Cannelton Ind

- JIFFY JOINT Cannelton Sewer Pipe Co 4th and Washington Cannelton Ind JOHN DEERE Deere & Co Moline III JOHNSONITE Johnson Plastics Corp Box 312 Chagrin Falls Obio JOINT NAILS Wash Co Inc 720 N Bowman Ave Danville III JOINT SAVER Cannelton Sewer Pipe Co 4th and Washington Cannelton Ind JOINTARE Marvan Corp PO Box 219 W Hart-ford Con

- JOINTAPE Marvan Corp PO Box 219 W Hart-ford Conn JORDON Jordan Refrigerator Co 7900 Tabon Road Philadelphia 11 Pa JOURNEYMAN Dresden Mfg Co 2375 Walnut Ave Long Beach 6 Calif JUBILEE Monitile Inc N Montgomery St
- Newburgh JUBILEE N
- Newburgh NY JUBILEE PATTERN MOULFLEX Moultile Inc N Montgomery St Newburgh NY JUMBO Certain-teen Prods Corp 120 E Lan-

- JUMBO Certain-teen Prods Corp '120 E Lan-caster Av Ardmore Pa JUMBO Wood (Gar) Industries Inc Michigan Blvd Wayne Mich JUNIOR BEAMS Jones & Laughlin Steel Corp 3 Gateway Center Pittsburgh 30 Pa JUNIOR CHANNELS Jones & Laughlin Steel Corp 3 Gateway Center Pittsburgh 30 Pa JUSTRITE Justrite Mfg Co 2061 N Southport Chicago 14 III
  - K
- K-D K D Mfg Co 526 Plum St Lancaster Pa KDS Kedmont Waterproofing Co 330 S Dear-born Chicago 4 Ill K-S-V Kernchen Co 612 N Michigan Ave Chi-
- cago 11 Ill K-V K-
- o 11 III Knape & Vogt Mfg Co 658 Richmond W Grand Rapids 4 Mich E International Twist Drill Corp 618 andotte St Kansas City 5 Mo W K 8
- K-LINE Kneisley Electric Co 2501-9 Lagrange

- Wyandotte St Kansas City 5 Mo K-LLNE Kneisley Electric Co 2501-9 Lagrange St Toledo 3 Ohio K-VENIENCE Knape & Vogt Mfg Co 658 Richmond N W Grand Rapids 4 Mich KAIBAB STONE Western States Stone Co PØ Box 312 Santa Clara Calif KAIKITE Pressite Engineering Co 3900 Chouteau Ave St Louis 10 Mo KAISER Kaiser Aluminum & Chemical Sales 1924 Broadway Oakland 12 Calif KALISTRON United States Plywood Corp 55 W 44th St New York 36 NY KALITE Certain-teed Prods Corp 120 E Lan-caster Av Ardmore Pa KALITEX United States Plywood Corp 55 W 44th St New York 36 NY KALO GLAZED GOLDEN ROD Kalo Brick & Tironto Cay Mfg Co Spring St Box 128 Toronto Ohio
- Toronto Ohio KANT-LEAK Sullivan Co (The) 212 E Trigg Memphis 2 Tenn KANT-SAG United Steel Products Co 104 W 86th St Minneapolis 20 Minn KANTLEAK Curry Steel Products Co 417 S Spring Independence Mo KARBOLITH American Mason Safety Tread Co 125 Perry St Lowell Mass KARRY KRANE Hyster Co 2902 NE Clacka-mes Pourland & Overcon

- RANKI RAARE Hyster Co Zuvz NE Clacka-mas Fortland 8 Oregon KASOTA STONE Babcock Co Kasota Minn KAUKIT Sonneborn & Sons Bldg Prods 404 Fourth Ave New York 16 NY KEIL Trine Mfg Corp 1430 Ferris New York al NY
- KEILSON Bommer Spring Hinge Co Inc
- KEILSON Bommer Spring Hinge Co Inc Landrum SC
  KELLY PERFECT True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio
  KELVINATOR WATER COOLER Ebco Mfg Co 235 N Hamilton Rd Columbus 13 Ohio
  KEM-GLO Acme Quality Paints Inc 8250 St Aubin Av Detroit 11 Mich
  KEM-TOR Acme Quality Paints Inc 8250 St Aubin Av Detroit 11 Mich
  KEM-TORE Acme Quality Paints Inc 8250 St Aubin Av Detroit 11 Mich
  KEM-KAL Sullivan Co (The) 212 E Trigg Memphis 2 Tenn
  KEMIKO Rohloff & Co 918 N Western Ave Hollywood 29 Calif
  KEMKO AQUA-TITE Rohloff & Co 918 N Western Ave Hollywood 29 Calif
  KEMKO TRANSCEL NO 5 Rohloff & Co 918 N Western Ave Hollywood 29 Calif
  KEMIKO TRANSCEL NO 5 Rohloff & Co 918 N Western Ave Hollywood 29 Calif
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  KEMIKO TRANSCEL NO 5 Rohloff & Co 918 N Western Ave Hollywood 29 Calif
  KENA-VIEW SLIDING WINDOW Kemarobe Corp 18425 Parthenia St Nerthridge Calif

KENDALE Puritan Cordage Mills Inc 1205 Washington St Louisville 6 Ky KENCORK Kentile Inc 58 Second Ave Brook-

- KENFLEX Kentile Inc 58 Second Ave Brook-
- lyn 15 NY KENFLOR Kentile Inc 58 Second Ave Brook-KENFLOR Kentile Inc 58 Second Ave Brook-lyn 15 NY
   KENMAR Kenmar Mfg Co Albert & Martha St Philadelphia 25 Pa
   KENNARR Kenmatrack Corp Rte 5 E Jackson Bi Elkhart Ind
   KENNAGUIDE Kennatrack Corp Rte 5 E Jackson Bi Elkhart Ind
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   KENNEBER Kentile Inc 58 Second Ave Brooklyn 15 NY
   KENT-SLIP Standard Register Co Campbell & Albany Dayton 1 Ohio
   KENT-SLIP Standard Register Co Campbell & KENCKY COLONEL General Plywood Corp 3131 W Market Louisville 12 Ky
   KERMERATOR Kener Incinerator Div 80 Fifth Ave New York 11 NY
   KEROLECTRIC Warner Mfg Co 801 16th Ave SE Minneapolis Minn
   KEWARE Walworth Co 60 East 42nd St New York 17 NY
   KEWARE CONVEYORS Lake Shore Inc Div Lake Shore Engineering E Magnetic St Iron Mountain Mich

REWANEE CONVEYORS Lake Shore Inc Div Lake Shore Engineering E Magnetic St Iron Mountain Mich KEWANEE HI-TEST Kewanee Boiler Div American Standard Corp 101 Franklin St Kewanee Ill

Kewanee III KEWANEE SCOTTIE JR Kewanee Boller Div American Standard Corp 101 Franklin St Kewanee III KEWANEE SQUARE-HEAT Kewanee Boller Div American Standard Corp 101 Franklin St Kewanee III

St Kewanee III KEWANEE TABASCO Kewanee Boiler Div American Standard Corp 101 Franklin St Kewanee III

American Standard Corp in Franking Kewanes III KEY-HAK Producers & Distributors Inc 1321 Hanover St Allentown Pa KEY-LUX Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY KEY-TEX Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY KEYBEAD Keystone Steel & Wire Co 7000 S Adams Peoria 7 III KEYCONNER Keystone Steel & Wire Co 7000

KEYBEAD Keystone Steel & Wire Co 7000 S Adams Peoria 7 III
KEYCORNER Keystone Steel & Wire Co 7000 S Adams Peoria 7 III
KEYLINE Calder Mfg Co 630 N Prince St Lancaster 12 Pa
KEYMESH Keystone Steel & Wire Co 7000 S Adams Peoria 7 III
KEYMESH Keystone Steel & Wire Co 7000 S
Adams Peoria 7 III
KEYN KNOB Lockwood Hardware Mfg Co 1950 Clephorn St Fitchburg Mass
KEYNOTE Edwards Co Inc Post Hill Rd Norwalk Conn
KEYSTONA Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY
KEYSTONE Standard Wire Cloth & Screen Co E St & Pennsy RY York Pa
KEYSTONE-HAZAPRENE Hazard Insulated Wire Works Div Okonite Corp 70-72 Hazel St Passaie NJ
KILNOISE Kelley Island Co 1132 Leader Bldg

Wire Works Div Okonite Corp 70-72 Hazel St Passaie NJ KILNOISE Kelley Island Co 1132 Leader Bldg Cleveland 14 Ohio KIMBUE GLASS TOWEL BARS Owens-Illinois PO Box 1035 Toledo 1 Ohio KIMSUL Kimberly-Clark Corp 128 N Com-mercial Neenah Wis KIMWOOD DOOR Hardwood Products Corp PO Box 191 Neenah Wis KING HOIST King Mfg Corp 3158 W Chicago Ave Chicago 22 Ill KING SIZE Hyde Mfg Co Eastford & Clem-ence Southbridge Mass KINGSTON Glen-Gery Shale Brick Corp Box 182 Wyomissing Pa

182 Wyomissing Pa KINNEAR ROLLING Kinnear Mfg Co 7th & Fields Ave Columbus 16 Ohio KINTRIM Kinkead Industries Inc 5860 N Pulaski Rd Chicago 30 III KIRK TAX KALCULATOR Kirk Plastics Co

170 E Jefferson Los Angeles Calif KITCH N-HANDY Washington Steel Prods 1940 East 11th St Tacoma 2 Wash KITCH-N-VENTOR Universal Blower Co 1090

KITCHEN-AIRE Stewart Industries Inc 320 E St Joseph Indianapolia Ind KLEARTONE Standard-Toch Chemicals Inc 2600 Richmond Terrace Staten Island NY

KLEEN-AIRE Steel City Furnace Corp Springdale Pa KLEEN-EZY Hudson (H D) Mfg Co 587-91 E Illinois Chicago 11 Ill KLEENOLENE Thomas Moulding Floor Co Inc 325 West Huron St Chicago 10 Ill KLEEN VU RECESSED TROFFERS Neo-Ray Products Inc 313-23 East 22nd S New York 10 NY

KLINGSTONE Cleveland Gypsum Co 1276 W Third St Cleveland 13 Ohio KLINKII Pagific Coast Co Sonoro Calif

AMERICAN BUILDER

S Adams Ave Birmingham Mich KITCHEN AID Hobart Mfg Co 711 Pennsyl-

Troy Ohio .

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KLIXON Metals Controls Div Spencer Thermostat Corp 30 Foress Attleboro Mass
 KNIGHT Barland Weatherstrip Material 1960
 E 56th St Cleveland 3 Ohio
 KNO-DRAFT Connor Engineering Corp 2000
 Shelter Rock Danbury Conn
 KNOX-OUT Penna Salt Mfg Co 3 Penn Central Plaza Philadelphia 7 Pa
 KOCH Johnswood Co 13833 S Indiana Av Chicago 27 III

Chicago 27 Ill KOHLER OF KOHLER Kohler Co 44 High St KOL-MASTER Kol-Master Corp 124 Walberg

Kohler Wis Kol-MASTER Kol-Master Corp 124 Walberg St Oregon III KOLORSHITE Martin-Senour Có 2520 S Quarry St Chicago 8 III KOLORPINS Independent Nail & Packing Co Stone St Bridgewater Mass KOLORPOINT Continental Chemical Com-pany 841 Ducommun St Los Angeles 12 Cal KONSEAL Sullivan Co (The) 212 E Trigg Memphis 2 Tenn KONSET Sullivan Co (The) 212 E Trigg Memphis 2 Tenn KONSET Sullivan Co (The) 212 E Trigg Memphis 2 Tenn KONSET Sullivan Co (The) 212 E Trigg Memphis 2 Tenn KOL-TOP Verflex Sales Corp 115-117 Moon-achie Carlatadt NJ KOOLPORE Bay State Abrasive Prods Co Union St Westboro Mass KOOLSHADE Reflectal Corp Subsidiary Borg Warner 310 So Michigan Av Chicago 4 III KOOLVENT Kool-Vent Aluminum Awning Corp Po Box 9586 Pittaburgh 23 Pa KORALUM Lyf-Alum Inc 164 E Wisconsin Av Oconomowoe Wis

KORALUM Lyf-Anum inc io 2 Av Oconomowoc Wis KORD Sterling Paint & Varnish Co 184 Com-mercial St Malden 48 Mass KORINA United States Plywood Corp 55 W 44th St New York 36 NY KORKER Mobile Paint Mfg Co PO Box 1686

Mobile Ala KORKER U S Expansion Bolt Co 500 State St

York Pa KORNER KING RCS Tool Corp 220 N Broad-

York Pa KORNER KING RCS Tool Corp 220 N Broad-way Joliet III KOROSEAL Goodrich (B F) Co Flooring Div 36 Nichols Ave Watertown 72 Mass KORPAK Concrete Equipment Co 514 Ottawa Ave Holland Mich KOSMORTAR Kosmos Portland Cement Co 1529 Starks Bldg Louisville 2 Ky KOVELOCK Parker (8) Hdwe Mfg Corp 27 Ludlow St New York 2 NY KOVEN Koven & Bros Inc 154 Ogden Ave Jersey City 7 NJ KOVERFLOR Standard-Toch Chemicals Inc 2600 Richmond Terr Staten Island NY KRAFTILE Kraftile Co Niles Calif KRAKT-KOTE General Paint Corp 2627 Army Street San Francisco Calif KURKKOME Master Builders Co 7016 Euclid Ave Cleveland 3 Ohio KUBHIONED Extension Drawer Support Co 2319 W Washington Los Angeles 18 Calif KWICK CHANGE Anderson (V E) Mfg Co 1515 E 18th St Owenaboro Ky

KWICK CHANGE Anderson (V E) Mfg Co 1515 E 18th St Owenaboro Ky
KWIK-SEAL Armstrong Co 1001 East 103rd St Chicago 28 III
KWIK-WAY Hart & Cooley Mfg Co 500 E 8th St Holland Mich
KWIK-WELD Chemical Products Aberdeen Md KWIKSAND SANDING BLOCKS Kwiksand Inc 529 Merchants Rd Rochester 9 NY
KWIKSET LOCKSETS Kwikset Sales & Ser Co 516 E Santa Ana Anaheim Calif

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L C H N S W Co 12900 Auburn Ave Detroit 23 Mich LCN LCN Clossers Inc 111 W Railroad Ave

Princeton III VC Square D Co 6060 Rivard Detroit 11 LÝC

- LVC Square D Co 6060 Rivard Detroit 11 Mich L & H LECTRO-HOST Norris Thermador Corp 5215 S Boyle Ave Los Angeles 58 Calif L-BLOW ROOF EXHAUSTERS Trade-Wind Motor Fans Inc 7755 Paramount Bvd Rivera Calif L-VATOR Bosworth Mfg Co Mills Road Avon

LANDEN BOSWORD MIG CO MIDE ROAD AVON
 Ohio
 LADSCAF Universal Mfg Corp W New Castle Zelienople Pa
 LADY UTILINE Shuford Mills Inc PO Draw-er 340 Hickory NC
 LAMIDALL Woodall Industries Inc 3500 Oak-ton Ave Skokie III
 LAMIDALL Fabricon Products Div Eagle Picher 13055 E Los Nictos Whittier Calif
 LAMNECK Clayton & Lambert Mfg Co 1701 Dixie Hwy Louisville 10 Ky
 LANDEN QUALITY Landen Putty Works 45 Irving St Malden Mass
 LANES - STY Lanchero Mfg Co 110 Main St W Foughkeepsie NY
 LANGEN-ACME Miller Falla Co 57 Wells

LANGDON-ACME Miller Falls Co 57 Wells Street Greenfield Mass

LA PERLA Acme Brick Co PO Box 425 Ft Worth Texas

LAP-LOE Robinson Clay Product Co 65 West State St Akron 9 Obio LAPIDOLITH Sonneborn & Sons Bldg Prod-ucts 404 Fourth Ave New York 16 NY LASTIKALK Lastik Prods Co Inc 203 Iroquois Bldg Pittsburgh 13 Pa

LATEX CONCRETE TOPPING Camp Co Inc. 6958 S State Chicago 21 Ill LATEX #7 Camp Co Inc 6958 S State Chicago

LATEX #7 Camp Co inc cosos S state Chicago 21 ill LATEX QUICK FLOOR PATCH Camp Co Inc 6958 8 State Chicago 21 Ill LAUNDROMAT Westinghouse Electric Corp PO Box 868 Pittsburgh 30 Pa LAVANETTE Toledo Desk and Fixture Co 1920 Ford Rd Maumee Ohio LAVAX Pittsburgh Plate Glass Co 632 Fort Duquesne Pittsburgh 22 Pa LAWCO Velocity Power Tool Co 201 N Brad-dock Ave Pittsburgh 8 Pa LAWCO Velocity Power Tool Co 201 N Brad-dock Ave Pittsburgh 8 Pa LAWCO Velocity Power Tool Co 201 N Brad-dock Ave Pittsburgh 8 Pa LAWCO Velocity Rever Tool Co 201 N Brad-dock Ave Pittsburgh 8 Pa LAWRENCE STSTEM Lawrence Warehouse Co 37 Drumm St San Francisco 11 Calif LAWRENCE TIGER BHAND Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa p.

19 Pa LAYRITE Standard Paste & Glue Co Inc 3620 W 38th St Chicago 32 Ill LAYTITE Connor Lumber & Land Co 231 Thomas St Wausau Wis LEAD-SEAL Deniston Co 4856 S Western

LEADER Lufkin Rule Co 1730 Hess Ave

LEADER Lufkin Rule Co 1730 Hess Ave Saginaw Mich
LEATHERITE Insulite Co Minnesota & On-tario Paper Co 500 Investors Bldg Minnea-polis 2 Minn
LEATHERWOOD Masonite Corp 111 W Washington Chicago 2 III
LEBANEX United States Plywood Corp 55 W 44th St New York 36 NY
LEBANEX Cascades Plywood Corp 1016 Public Service Bldg Portland 4 Ore
LECO-FLEX LATCH Laboratory Equipment Corp Hilltop Rd St Joseph 6 Mich
LECO-FLEX LATCH Laboratory Equipment Corp Hilltop Rd St Joseph 6 Mich
LECO-FLEX LATCH Laboratory Equipment Corp Hilltop Rd St Joseph 6 Mich
LECO-FLEX LATCH Laboratory Equipment Corp Hilltop Rd St Joseph 6 Mich
LECO-K U S Expansion Bolt Co 500 State St York Pa
LEGIN Lagion Stainless Sink Corp 21-07 40th Ave Long Island City 1 NY
LEKTRIK-AIR Hudson (H D) Mrg Co 587-91 E Illinois Chicago 11 III
LELAD MOTORS Leland Electric Co Div Amer Machine & Foundry 1501 Webster St Dayton I Ohio
LENOX American Saw and Mfg Co 67
Boylston St Springfield 1 Mass

Amer Machine & Foundry 1997, Heater 50 Dayton 1 Ohio Eventson Staw and Mfg Co 67 Boylston St Springfield 1 Mass LESLIE LOUVERS Lestie Welding Co Inc 2943 W Carroll Ave Chicago 12 Ill LEV-R LATCHES Soss Mfg Co 21777 Hoover

LEV-R LATCHES Soss Mig Co 21777 Hoover Rd Detroit 13 Mich LEVELALL Thom Wood Co 81 Webster St Rockland Mass LEVELEASY Hydrolevel 53 De Soto Ave

LEVELEASY Hydrolevel 53 De Soto Ave Ocean Springs Miss LEVELER Colson Corp Elyria Ohio LEVELINE Calder Mfg Co 630 N Prince St Lancaster 12 Pa LEVERLIFT Colson Corp Elyria Ohio LIBERTY Durall Prods Co York Pa LIBERTY Tilley (John S) Ladders Co Inc 112 Second St Watervliet NY LIBERTY READY-CUT HOMES Lewis Mfg Co Lafayette & Mich Bay City Mich LIDO Carey-McFall Co 2156 E Dauphin St Philadelphia 25 Pa

LIDO Carey-McFall Co 2156 E Dauphin St Philadelphia 25 Pa LIFE SAVER Knight Mfg Co 2930 S Wash-ington Saginaw Mich LIFETIME Atco Aluminum Products 1910 S Kuhl Av Orlando Fla LIFETIME H and W Enterprises 3521 Sweet-wood St Houston 19 Texas LIFETIME T and S Brass and Bronze Works 32 Urban Ave Westbury LI NY LIFETIME VINYL Robbins Floor Products Inc Tuseumbia Ala

LIFEATME WATE COURSES FOOT Frounds Inc Tuseumbia Ala LIFT-A-DOOR The Alliance Manufacturing Co Lake Park Blvd Alliance O LIFTAMATIC Sasgen Derrick Co 3101 West Grand Av Chicago 22 Ill

LIFT-O-MATIC Wood (Gar) Industries Inc Michigan Blvd Wayne Mich

LIGHT AND SOUND CONDITIONING SYS-TEM Curtis Lighting Inc 6135 W 65th St Chicago 38 Ill

LIGHT DUTY Russell & Erwin Div American Hardware 102 Washington New Britain Hardware Conn

LIGHTNING Lightning Adding Machine Sales 2306 W Slauson Ave Los Angeles 43 Calif LIGHTNING LINE Fay & Egan Co 2001 East-ern Ave Cincinnati 2 Ohio

LIGNOPHOL Sonneborn & Sons Bldg Prod-ucts 404 Fourth Ave New York 16 N Y

LIKKETY-KUT Sterling Paint & Varnish Co 184 Commercial St Malden 48 Mass

LIMPET Keasbey & Mattison Co Butler Ave Ambler Pa

LINDBECK Wooster Brush Co 600 Madison Ave Wooster Ohio

LINDIG HY-LOAD Lindig Mfg Company Inc 1875 W County Rd St Paul Minn LINE-O-LAMPS Wiremold Co Hartford 10

Conn LINGERWETT Wilson-Imperial Co 115 Chest-nut St Newark 5 N J LINHOLD The Commerical Paste Co Buttles at Mich Columbus 8 Ohio LINK American Sta-Dri Co 4102 41st St

LINK American Sta-Dri Co 4102 41st St Brentwood Md LINK-BELT Link-Belt Co 307 N Mich Ave Chicago 1 Ill LINSOYA Interstate Oil Co 250 South 5th St

Kansas City 1 Kans LION MITER MASTER Pootatuck Corp 50

Old Stratford II Shelton Conn LION UNIVERAL TRIMMER Pootatuck Corp

50 Old Stratford R Shelton Conn LIQUID ALUMINUM Chicago Bronze & Color Wks 2673 W Grand Ave Chicago 12 Ill LIQUID LITE Obrien Corp 101 N Johnson St

South Bend 21 Ind LIQUID STAINLESS STEEL Lockrey Co.

Southampton N Y LIQUID VELVET Obrien Corp 101 N Johnson St South Bend 21 Ind LIQUISAN Linseed Oil Products Co 1107 S

St. South Bend 21 Ind
LIQUISAN Linseed Oil Products Co 1107 S Fremont Ave Alhambra Calif
LITE BLOX Guth (Edwin F) Co 2615 Wash-ington St. Louis 3 Mo
LITE-MIX Certain-Teed Products Corp 120 E Lancaster Av Ardmore Pa
LITE-ROCK Cleveland Gypsum Co 1276 W Third St Cleveland 13 Ohio
LITEWATE Standard Conveyor Co 315 NW Second St N St Paul 9 Mina
LITLE GIANT Hyde Mfg Co Eastford & Clemence Southbridge Mass
LITTLE GIANT Master Lock Co 2600 N 32nd St Milwaukee 45 Wis
LITTLE WAJOR Arro Expansion Bolt Co 1526 N Boone Ave Marian Ohio
LITTLE WIZARD Round (David) & Son Inc P O Box 883 Cleveland 22 Ohio
LIETROC Cornell Iron Works Inc 36th Ave & 13th St Long Island 6 N Y
LOAD LIFTER Shaw-Box Chain & Hoist Div. Manning Maxwell & Moore Inc 414 Broadway Muskegon Mich
LOAD-PLUS Jaeger Machine Co 500 W Spring St Columbus 16 Ohio
LO-K INSULATION Lockport Mills Inc Elm-wood Ave Lockport N 915 OLAboma Citv 6 Okla

Sta Mexico Mo LOCK-JOINT EXPANSION Lock-Joint Win-dow Co 817 N W 61st Oklahoma City 6 Okla LOCKBACK Wilson Plastics Inc 1531 Milan Rd

Ohio

LOCKBACK When Frastics inc 1531 Milan Rd Sandusky Ohio
 LOCKPRIME Ferna Salt Mfg Co 3 Penn Cen-tral Plaza Philadelphia 7 Pa
 LOCKWEAVE Whiting Fence Co 130 Sixth St Cambridge 42 Mass
 LOCKWOOD Cloud Oak Flooring Co 1916 N Weller Springfield Mo
 LODESTAR Chisholm-Moore Hoist Div Fre-mont Ave Tonawanda NY
 LOG CABIN FINISH McCloskey Varnish Co 7600 State Rd Philadelphia 36 Pa
 LOGGERS DREAM Taylor Machine Works Louisville Miss
 LOGGERS DREAM YARDSTER Taylor Ma-chine Works Louisville Miss
 LOKATOR Edwards Co Inc Post Hill Rd

Norwalk Conn LOKD BAR Hopes Windows Inc 84 Hopkins Ave Jamestown NY LOK-JOINT LATH Insulite Co Minnesota & Ontario Paper Co 500 Investors Bldg Minne-apolis 2 Minn LOK-RIB Inland Steel Prods Co 4111 W Burn-

ham Milwaukee Wis LOK-TAB Old American Roofing Mills 7600 Truman Rd Kanasa City Mo LOK-TAB Ruberoid Co 500 5th Ave New York

36 NY LOKTITE US Expansion Bolt Co 500 State St

York Pa LOMA-LOOM Sidney Blumenthal Co Inc 1 Park Ave New York NY LONERGAN McGraw Electric Co Clark St Albion Mich

LONG BOY Wooster Brush Co 600 Madison

LOOKOUT HEGGIE-SIMPLEX Lookout Boiler & Mfg Co Mfg Rd & Compress Chat-tanooga Tenn

LOOKY-TALKY Sun Sash Co 38 Park Row New York 38 NY

LOOMWOOD Aeroshade Co 5696 Oakland Ave Waukesha Wis

LORAIN Thew Shovel Co 1374 E 28th St Lorain Ohio

LOUDEN Louden Machinery Co 1120 Broad-way Fairfield Iowa

LOUVER-GLASS Kirlin Co 3435 E Jefferson

LOUVREX Blue Ridge Glass Corp PO Box 631 Kingsport Tenn LUCKE LEAKPROOF Lucke (William B) Inc 514 Railroad Ave E Wilmette JII

LUDWIG Busch (A G) & Co Inc 2632 N Cen-tral Ave Chicago 39 Ill

LUMABRITE Penetone Co (The) 74 Hudson Ave Tenafly NJ

G17

Wooster Ohio

Detroit 7 Mich

LUMASKIN Angier Corp Fountain St Fram-

LUMASKIN Angier Corp Fountain St Fram-ingham Mass LUMBER LIFE McCloskey Varnish Co 7600 State Rd Philadelphia 36 Pa LUMI-PLASTIC Luminous Ceilings Inc 2500 W North Ave Chicago 47 Ill LUMINALL National Chemical & Mfg Co 3617 S May St Chicago 9 Ill LUMINETTE Neo-Ray Products Inc 313-23 E 22nd St New York 10 NY LUNA Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 Ill LUPTON Michael Flynn Mfg Co 700 E Godfrey Ave Philadelphia 24 Pa LUSTARITE Mobile Paint Mfg Co PO Box 1686 Mobile Ala

LUSTARITE Mobile Faint mig Co FO Los 1686 Mobile Ala LUSTERLITE Insulite Co Minnesota & Ontario Paper Co 500 Investors Bldg Minneapolis 2

Min to be investors blug animetrons z USTRACEYSTAL American Window Glass Co 9 West Plawy Pittsburgh 12 Pa USTRACEYSTAL American Window Glass Co 9 West Plawy Pittsburgh 12 Pa USTRAWHITE American Window Glass Co 9 West Plawy Pittsburgh 12 Pa USTRE TONE Orrien Corp 101 N Johnson St South Bend 21 Ind USTRE-UP Ohring Corp 101 N Johnson St South Bend 21 Fd

LUSTRE-UP Obrien Corp 101 N Johnson St South Bend 21 Ind LUSTRO DELUXE Lustro Tile Mfg Co 1066 Home Ave Akron 10 Ohio LUSTRO-LITE Lustro Tile Mfg Co 1066 Home Ave Akron 10 Ohio LUSTRO-WARE Columbus Plastic Prods Inc 1625 W Mound St Columbus 4 Ohio LUX-AIR Wolfe Prods Inc 71 Elinor Ave Akron 5 Ohio LUXAIRE Olsen (C A) Mfg Co Filbert St Elvris Ohio

LUXAINE Olsen (C A) Mfg Co Filbert St Elyria Ohio LUXALL National Mfg Corp 3343 Flanagan St Tonawanda NY LUX-LIFE Wolfe Prods Inc 71 Elinor Ave Akron 5 Ohio LUX-LIFE Wolfe Prods Inc 71 Elinor Ave

LUX-LITE Wolfe Frods Inc 11 Editor Ave Akron 5 Ohio LUXLITE COOLITE Mississippi Glass Co 88 Angelica St St Louis 7 Mo LUX-RIGHT Saint Paul Corrugating Co S End Wabasha St St Paul 1 Min LUX-VISELS MX Lux Co Inc 315 W Franklin Ge Eukest 9 Ind

Wannaka UX Vise MX Lux Co Inc 210 UX-VISELS MX Lux Co Inc 210 UX TONE Minnesota Paints Inc 1101 Third Sta Minneapolis Minn LUXTROL LIGHT CONTROL Superior Elec-tric Co 83 Laurel St Bristol Conn LYFALUM Lyf-Alum, Inc 164 E Wisconsin Ave Oconomowoc Wis

Ave Ocenomowoc Wis LYON Lyon Metal Prods Inc 25 Montgomery St Aurora III LYT-ALL Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY

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M L R Hendrick Mfg Corp 11 Selman St M L K Hendrick Mfg Corp 11 Seiman St Marblehead Mass MW-ONE Carey (Philip) Mfg Co 320 S Wayne Cincinnati 15 Ohio

Cincinnati 15 Ohio MW-50 Carey (Philip) Mfg Co 320 S Wayne Cincinnati 15 Ohio M&M Mitta & Merrill 1009 E Water St Sagi-naw Mich M P FALCON Wooster Brush Co 600 Madison

Ave Wooster Ohio M&R ENAMEL Wooster Finishes Corp Woos-

ter Ohio M-26 Mexico Refractories Co Love & Cole Sts

M-28 Mexico Nerrscorrez Co Adre Mexico Mo MA-CREPE May (D C) Div Co-Ma-Crepe Co 314 Morgan St Durham NC MACHETA Aerovent Fabricators Inc Ash & Benton Sts Piqua Ohio MACRETE MacLeod Co Box 452 Sharonville

MAESTRO COLORS Pittsburgh Plate Glass Co 632 Fort Duquesne Pittsburgh 22 Pa MAG-O-CRETE Camp Co Inc 6958 S State Chi-

cago 21 III MAGI-GREEN Lockprey Co Southampton NY MAGIC AIRE Huntington Industries Inc 2368 Prospect St Memphis Tenn MAGIC-FOLD Closures Inc 533 E Forest Ave

Mich

Detroit 1 Mich MAGIC LITE Guth (Edwin F) Co 2615 Wash-incton St Louis 3 Mo MAGIKOTER Wooster Brush Co 600 Madison

Ave Woster Ohio MACNA-TITE Engineered Prods Co 129 Smith St Flint 8 Mich

MAGNALITE Richards (J Merrill) 25 Hunt-ington Ave Boston 16 Mass

MAGNELITE Scharf (J H) Mfg Co 6120 Bin-ney St Omaha 4 Neb MAGNESITE

AGNESITE UNDERLAYMENT Thomas Moulding Floor Co Inc 325 West Huron St Chicago 10 Ill

MAGNETOOL Multifinish Mfg Co Magnetool Div 26431 W 8 Mile Rd Detroit 19 Mich

MAGNOLIA Southern Cement Co Div Amer-ican-Marietta 605 Protective Life Bldg Birmingham 3 Ala

MAGNOLIAN BRICK Whitaere-Greer Fire-proofing Co Waynesburg Ohio

G18

MAID OF ATHENS Athens Stove Works Inc Hicks St Athens Tenn MAILO-BOX Penn Greg Mfg Co 562-7th Ave N Minneapolis 11 Minn MAINLINER 500 Huttig Mfg Co Muscatine

Iowa MAJESTIC Heller Tool Co Heller Dr New-comerstown Ohio MAKE YOUR OWN Larson Co Ave G & C&NW Ry Sterling Ill

MAKE YOUR OWN LARSON CO AVE G & C&NW RY Sterling III MAL-LEAD BOLT ANCHOR Arro Expansion Bolt Co 1526 N Boone Ave Marion Ohio MALARKEY M & M Woodworking Co 2301 N Columbia Bitd Portland 17 Ore MALT-A-GLIDE Malta Mfg Co 35 Elliott St

MALT-A-MASTER Malta Mfg Co 35 Elliott

St Malta Ohio MALT-A-MATIC Malta Mfg Co 35 Elliott St

MALT-A-VENT Malta Mfg Co 35 Elliott St

falta Ohio LTESE CROSS BRAND Seattle Cedar umber Mfg Co 4703 Ballard Ave Seattle 7 MALTESE

Wash MAN O WAR ULTRA SPAR McCloskey Var-nish Co 7600 State Rd Philadelphia 36 Pa MANHATTAN Raybestos-Manhattan Ine Man-hattan Rubher Div 61 Willet St Passaie NJ MANSOTA STONE Babceck Co Kasota Minn MAR-GON United Gilaonite Laboratories 1396 Jefferson Ave Scranton 1 Pa MARB-L-COTE National Chemical & Mfg Co 2517 S May St Chience 0 Ul

3617 S May St Chicago 9 Ill MARBLE FLAIR Wallace Mfg Co 10th & Fayette North Kansas City Mo MARBLEHEAD E & F.King & Co Inc 640

MARBLEHEAD E & Fking & Co Inc 640 Pleasant St Norwood Mass MARBLETRED Thomas Moulding Floor Co Inc 325 W Huron St Chicago 10 Ill MARCO FOLDING STAIRWAYS Marschke Company Marco Stairway 1695 N Cleveland St Paul 8 Minn MARDI-GRAS United States Plywood Corp 55 W 44th St New York 36 NY MARFORGE TRUCKS Market Forge Co 35 Garvey St Everett 49 Mass MARIGOLD Heilig Bros Co 24 W North York Pa

MARIGOLD Heilig Bros Co 24 W North York Pa MARINE CATERPILLARS Caterpillar Trac-tor Co 600 W Washington East Peoria 8 111 MARION MIXERS Rapids Machinery Co 889-11th St Marion Iowa MARKWA Vermont Marble Co Proctor Vt MARLITE BLOCK Marsh Wall Products Inc 268 Main St Dover Ohio MARLITE HI GLOSS Marsh Wall Products Inc 268 Main St Dover Ohio

Inc 268 Main St Dover Ohio MARLITE MARBLE PANEL Marsh Wall Prods Inc 268 Main St Dover Ohio MARLITE PLANK Marsh Wall Prods Inc 268

Main St Dover Ohio MARLITE POLISH Marsh Wall Prods Inc

268 Main St Dover Ohio MARLITE WOODPANEL Marsh Wall Prods Inc 268 Main St Dover Ohio MARVAN TAPE Marvan Corp PO Box 219

Hartford Conn MARVEL Woodenware Prods Corp 122 N 7th St St Louis 1 Mo

W Hartlord Conn MARVEL Woodenware Prods Corp 122 N 7th St St Louis 1 Mo MARVEL-LIFT Crawford Door Co 20263 Hoover Rd Detroit 5 Mich MARVEL-UITE Conneborn & Sons Bldg Prods 404 Fourth Ave New York 16 NY MASK-IT Duran Chemical Corp 5415-19 St John Ave Kansas City 11 Mo MASON-American Mason Safety Tread Co 125 Perry St Lowell Mass MASON-DRI Sapolin Paints Inc 229 E 42nd St New York 17 NY MASON-DRI Sapolin Paint & Varniah Co 2612-26 N Martha Philadelphia 25 Pa MASTER Master Addresser Co 6500 W Lake St Minneapolis Minn MASTER Master Lock Co 2600 N 32nd St Milvaukee 45 Wis

Minneapolis Minn MASTER Master Lock Co 2600 N 32nd St Milwaukee 45 Wis MASTER Master Metal Prods Inc Box 95

Bullalo B NY MASTER Master Metal Strip Service Inc 1720 N Kilbourn Ave Chicago 39 Ill MASTER Master Vibrator Co 1752 Stanley Ave

Dayton Ohio MASTER Wendell Mfg Co 4234 N Lincoln Ave Chicago 18 Ill MASTER Woodenware Prods Corp 122 N 7th

St St Louis 1 Mo MASTER Z & K Tool Co 407 Sand Hill Rd

MASTER-BILT Bird & Son Inc 47 Wilson St East Walpole Mass

MASTER BUILDER Griffith Tool Works I 2nd St & Duncannon Philadelphia 20 Pa MASTER-CAULK Calbar Paint & Varnish Co 2612-26 N Martha Philadelphia 25 Pa

MASTER CLEANER & POLISH Miraplas Tile Co 980 Parsons Ave Columbus 6 Ohio

MASTER CRAFT Met-Cro Specialties Co Inc PO Box 406 Portchester NY

MASTER-FLUSH DOOR Hardwood Prods Corp PO Box 191 Neenah Wis

MASTER GLAZIERS Biddle Co 608-624 S Main St Louis 2 Mo

MASTER KRAFT Harvey-Whipple Inc 2155 Columbus Ave Springfield Mass

MASTER MASTIC Miraplas Tile 980 Parsons Ave Columbus 6 Ohio Company MASTER-MATIC Mastar Metal Strip Service Inc 1720 N Kilbourn Ave Chicago 39 Ill MASTER-MONOTROL Boice Crans Co 980 W Central Ave Toledo 6 Ohio MASTER NO-DRAFT Master Metal Strip Service Inc 1720 N Kilbourn Ave Chicago 39

III MASTERKURE Master Builders Co 7016 Eu-clid Ave Cleveland 3 Ohio MASTERMIX Master Builders Co 7016 Euclid

MASTERMIX Master Builders Co 7016 Euclid Ave Cleveland 3 Ohio MASTERPIECE Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 Ill MASTERPLATE Master Builders Co 7016 Eu-clid Ave Cleveland 3 Ohio MASTERTEX Master Builders Co 7016 Euclid Ave Cleveland 3 Ohio AstriCieveland 3 Ohio Camp Co Inc 6958 S State Chicago 12 Ill Camp Co Inc 6958 S State clid Ave Cleveland 3 Ohio
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MASTEREX Master Builders Co 7016 Euclid MASTECOARD Camp Co Inc 6958 S State Chicago 21 III
MASUE-COLOR Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md
MASUE-COLOR Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md
MATICO Mastic Tile Corp of America N Montgomery Newburgh NY
MATICO ARISTOFIEX Mastic Tile Corp of America N Montgomery Newburgh NY
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MATICO CARQUETRY Mastic Tile Corp of America N Montgomery Newburgh NY
MATICO CHARQUETRY Mastic Tile Corp of America N Montgomery Newburgh NY
MATICO LARGUETRY Mastic Tile Corp of America N Montgomery Newburgh NY
MATICA L Cummins Portable Tools Div J Oster 5055 N Lydell Milwaukee 17 Wis
MAXDRIL Cummins Portable Tools Div J Oster 5055 N Lydell Milwaukee 17 Wis
MAXIMEL Cummins Portable Tools Div J Otar 5055 N Lydell Ave Milwaukee 17 Wis
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MEXMANG Globe American Corp Box 740 K2KMMER
MEXMANG Globe American Corp Box 740 K2KMMER
MENAND Lehang Ave Chicago 1 III
MECCO Cartin Mig & Ababatos Co 29 Lewis Wharf Boston 10 Mass
MEDRA Devices Inc Div Miracle Adhesives 214 E Sord New York 22 NY
MELTOMATIC Wayne Chemical P

Tenn METAL MASTER Wiss (J) & Sons Co 11-45 Littleton Newark 7 NJ METALANE Monarch Metal Weatherstrip Co 6333 Etzel Ave St Louis 14 Mo METALIZED Central Paint & Varniah Wks 59 Prosenet St Brooklyn 1 NY METALLIC Lufkin Rule Co 1730 Hess Ave

METALLIC Lufkin Rule Co 1730 Hess Ave Saginaw Mich METALOK Johns-Manville Corp 22 E 40th St New York 16 NY METALPREP Neilson Chemical Co 6564 Ben-son St Detroit 7 Mich METALSET Smooth-On Mfg Co 574 Commu-nipaw Jersey City 4 NJ METEOR Chisholm-Moore Hoist Div Fremont Ave Tonawanda NY METLWAL Martin-Parry Corp 1455 W Alexis Rd Todelo Ohio METRO Unham (C A) Co 400 W Madison St Chicago 6 Ill

METRO-MIX Certain-Teed Prods Corp 120 E

METRODECK Goldsmith Metal Lath Co 4501 Chickering Cincinnati Ohio MEZURALL Lufkin Rule Co 1730 Hess Ave Saginaw Mich

MIAMI-CAREY Carey (Philip) Mfg Co 320 E Wayne Cincinnati 15 Ohio

MICAFIL Sisco Vermiculite Mines Ltd 907 Dominion Sq Montreal Quebec Canada

MICARTA United States Plywood Corp 55 W 44th St New York 36 NY

MICARTA Westinghouse Electric Corp PO Box 868 Pittsburgh 30 Pa

AMERICAN BUILDER

Philip

MIAMI-CAREY Miami Cabinet Div Carey 1950 Grand Ave Middletown Ohio

Lancaster Ave Ardmore Pa

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MICARTABORD United States Plywood Corp 55 W 44th St New York 36 NY MICROLITE L-O-F Glass Fibers Company 1810

MICROLITE LO-F Glass Fibers Company 1810 Madison Ave Toledo 1 Ohio MICROLOY Capewell Manufacturing Co 60 Governor St Hartford 2 Conn MICROMET Calgon Inc 323 Fourth Ave Pitts-

burgh Pa MIDGET Utica Radiator Corp 2201 Dwyer

Ave Utica 2 NY MIDGET ROLLER Metzgar Conveyor Co 413 Douglas NW Grand Rapids 4 Mich MIDGET WHEEL Metzgar Conveyor Co 413

MILUET WHEEL Metzgar Conveyor Co 413 Douglas NW Grand Rapids 4 Mich MIDGET SLAT CLOSURE Wilson (J G) Corp 370 Lexington Ave New York 17 NY MIGHTY MIDGET PULLERS Coffing Hoist Div Duff-Norton Co 800 Walters St Danville III

III MIKE Cleveland Mills Co Lawndale NC MILCOR Inland Steel Products Co 4111 W Burnham Milwaukee Wis MILFORD International Twist Drill Corp 618 Wyandotte St Kansas City 5 Mo MILO CABINET-WALL Milo Products Co

Grantham Pa Grantham Pa MILWAUKEE Milwaukee Electric Tool Corp 5356 W State St Milwaukee Tool & Equipment Co 2773 S 29th St Milwaukee 46 Wis MINALITH American Lumber & Treating Co 323 S Michigan Ave Chicago 4 III MINIAC Marchant Calculators Inc 1475 Powell St Oakland & Calif

MINIAC Marchant Calculators Inc 1475 Powell St Oakland 8 Calif MINNACOTE Minnesota Paints Inc 1101 Third St Minneapolis Minn MINNFLO Minnesota Paints Inc 1101 Third St Minneapolis Minn MINNSPAR Minnesota Paints Inc 1101 Third St Minneapolis Minn MINUT-BARB Dare Prods Inc PO Box 157 Battle Creek Mich MINUTE MAN Dare Prods Inc PO Box 157 Battle Creek Mich

Battle Creek Mich MINUTE MAN Slaymaker Lock Co 115 SW End Ave Lancaster Pa MIRACLE Corson (G&W H) Inc Plymouth

MIRACLE CORON (Jaw Ar) in the Meeting Pa MIRACLE Newark Ladder & Bracket Co Inc 17 Walnut Ave (Clark) Rahway NJ MIRACLE Tylac Co Greely & High Sts Mon-

MIRACLE Tylac Co Greely & Hign Sta mon-ticello III MIRACLE ANCHOR Miracle Adhesives Corp 214 E 53rd St New York 22 NY MIRACLE BLACK MAGIC Miracle Adhesives Corp 214 E 53rd St New York 22 NY MIRACLE BRITE MAGIC Miracle Adhesives Corp 214 E 53rd St New York 22 NY MIRACLE FLOOR Camp Co Inc 6958 S State Chicago 21 III

MIRACLE FLOOR Camp Co Inc owns S state Chicago 21 III MIRACLE R-MIR-DEK Miracle Adhesives 214 E 53rd St New York 22 NY MIRACLE-WOOD Newton Manufacturing Co PO Box 386 Nashua NH MIRATRIM Miraplas Tile Company 980 Par-sons Ave Columbus 6 Ohio MIRAWAL Universal Major Electric Appli-ance Corp Box 928 Baltimore Md MIRAWALTILE Universal Major Electric Ap-pliance Corp Box 928 Baltimore Md MIRAWALTILE Universal Major Electric Ap-pliance Corp Box 928 Baltimore Md MIRARICO-BOND Camp Co Inc 6958 S State Chicago 21 III

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Chicago 21 Ill MIST RAY Melnor Metal Products Co Inc 10-40 45th Ave Long Island City NY MITCO Hendrick Mfg Co Dundaff St Carbon-

dale Pa MITCO Mitchell Moulding Co 1501 Circle Ave Forest Park III MITERMASTER Hendrick Mfg Corp 11 Sel-man St Marblehead Mass MITI-MITE Harnischfeger Corp 4400 W Na-tional Miwaukce 46 Wis MIX ELVATOR Air Placement Equipment Co 1009 11 W 24th SKansas City 8 Mo MOBILWALLS Virginia Metal Prods Inc Dept A 44 Orange Va

A 41 Orange Va MODERNFOLD New Castle Prods Inc Box 353

New Castle Ind MODNAR Tile-Tex Div Flintkote Co 1232 Mc-

MODNAK The-Tex Div Flintkote Co 1232 Mc-Kinley Ave Chicago Heights III MODU-AIRE United States Air Conditioning Como Ave SE at 33 Minneapolis Minn MODULART Weber Showcase & Fixture Co 5700 Avalon Blvd Los Angeles 54 Calif MOLCOR Bemis Mfg Co Broadway Sheboygan Evil Wit

MOLDISC Raybestos-Manhattan Inc 61 Willett

St Passic NJ MOLDOCHIL Capewell Manufacturing Co 60 Governor St Hartford 2 Con MOLINE Moline Iron Works Moline III MOLWOD\_Plumbers Woodwork Co Box 157

Wi MONARCH Martin-Senour Co 2520 S Quarry St Chicago 8 Ill

MONARCH-IN-A-SLIDE New Monarch Ma-chine & Stamping 406 SW Ninth St Des Moines 9 Iowa

MONITOR Baker Mfg Co 133 Enterprise St Evansville Wis MONO-CHROME Mexico Refractories Co Love

& Cole Sts Mexico Mo MONO-FIBRIK Mexico Refractories Co Love & Cole Sts Mexico Mo

MONOGRAM Wilson (Grant) Inc 141 W Jack-son Blvd Chicago 4 Ill

MONOTOP General Electric Co 1 Plastics Ave Pittsfield Mass
 MONTEREY Fiat Metal Mfg Co 9301 W Bel-mont Ave Franklin Park III
 MONUMENTAL Ware Laboratories Inc 3700 NW 25th St Miami Fia
 MOOREKILN Moore Dry Kiln Co 1220 W State St Jacksonville Fla
 MOOREF.FIN Moore Dry Kiln Co 1220 W State St Jacksonville Fla
 MOOREF.FIN Moore Dry Kiln Co 1220 W State St Jacksonville Fla
 MOPACOVAR Mobile Plant Mfg Co PO Box 1686 Mobile Ala

MOPACOVAR Mobile Faint 1686 Mobile Ala MOR-SUN Morrison Steel Prods Inc 601 Am-herst St Buffalo 7 NY MORGAN QUALITY WOODWORK Morgan MORGAN QUALITY WOODWORK Morgan MORGAN QUALITY WOODWORK Morgan

Co 520 Oregon St Oshkosh Wis MOROCCAN LEATHERBORD Wallace Mfg Co

MOROCCAN LEATHERBORD Wallace Mfg Co 10th & Fayette North Kansas City Mo MORTASEAL United States Gypsum Co 300 W Adams St Chicago 6 111 MORTEX #5 Mortell (J W) Co 550 N Hobbie Ave Kankakee II1 MORTITE Mortell (J W) Co 550 N Hobbie Ave Kenther and W

MORTITE MOTEII (3 W) Co sou A House A Kankakee III MOTO-BUG Kochring Co & Subsidiaries 3026 W Concordia Milwaukee 16 Wis MOTO-CRANE Thew Shovel Co 1374 E 28th St

Lorain Ohio MOTO-MIXER Chain Belt Co 4689 W Green-field Milwaukee 1 Wis field Milwaukee 1 Wis MOTO-TRIMMER Bosworth Mfg Co Mills Rd

Avon Ohio MOTOTURB Uno Ventilator Co 1236 Eastern

Ave Malden 48 Mass MOULCORK Moultile Inc N Montgomery St Newburgh NY MOULFLEX Moultile Inc N Montgomery St Newburgh NY

Newburgh NY MOULSTONE Thomas Moulding Floor Co Inc 325 West Huron St Chicago 10 Ill MOUNT VERNON Gerber Plumbing Fixtures 232 N Clark St Chicago 1 Ill MOYNO Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio MUD-JACK Koehring Co & Subsidiaries 3026 W Concordia Milwaukee 16 Wis MULE-HIDE Lehon Co Madison at 25th Ave Bellweed Ill

Bellwood III MULLER POWER TROWEL Muller Machin-ery Co Inc PO Box 248 Metuchen 4 NJ MULSOMASTIC Tremco Mfg Co 8701 Kinsman

Rd Cleveland Ohio MULTI-CELL Pal-O-Pak Insulation Co Inc

MULTI-CELL Pal-O-Pak Insulation Co Ine Hartland Wis MULTI-COIL Ruud Mfg Co 2025 Factory St Kalamazoo 24 Mich MULTI CUT Western Saw Mfrs Ine 1842 W Washington Los Angeles 7 Calif MULTI-DIAMETER US Expansion Bolt Co 500 State St York Pa MULTI-FIN Ruud Mfg Co 2025 Factory St Kalamazoo 24 Mich

MULTI-MAST Utility Service Co Inc 921 13th

Racine Wis MULTI-PURPOSE Flint & Walling Mfg Co Inc 95 Oak St Kendallville Ind MULTI-SHINGLES Barrett Div Allied Chem-ical & Dye Corp 40 Rector St New York

MULTI-SPRING Master Lock Co 2600 N 32nd

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 <sup>6</sup> WULTI-VENT Pyle-National Co 1334 N Kostner Chicago 51 Ill
 <sup>6</sup> MULTILVENT Pyle-National Co 1334 N Kostner Chicago 51 Ill
 <sup>6</sup> MULTILTH Addressograph-Multigraph Corp 1200 Babbitt Rd Cleveland 17 Ohio
 <sup>6</sup> MULTILITH Addressograph-Multigraph Corp 1200 Babbitt Rd Cleveland 17 Ohio
 <sup>6</sup> MULTILITH Addressograph-Multigraph Corp 1200 Babbitt Rd Cleveland 17 Ohio
 <sup>6</sup> MULTITITS seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
 <sup>6</sup> MURADE Murdock Mfg & Supph Co 426-30 Plum St Cincinnati 2 Ohio
 <sup>6</sup> MURATEX Tile-Tex Div Flinktote Co 1232
 <sup>6</sup> McKinley Ave Chicago Heights Ill
 <sup>8</sup> MURATILE Mosaic Tile Co 1949 Pershing Ave Zanesville Ohio
 <sup>8</sup> MURCO Murray (D J) Mfg Co 1024 Third St Wansau Wis

MURCU MURTHY (D. 87) May Wausau Wis MUSIC-MASTER New Castle Prods Inc Box 353 New Castle Ind MUSI-KOM Home Music Systems Inc 644 Madi-son St Memphis Tenn MUVIT Sterling Paint & Varnish Co 184 Com-mercial St Malden 48 Mass MYERS Myers (F E) & Bro Co 424-34 Orange St Ashiand Ohio

MYERS Myers (F E) & Bro Co 424-34 Orange St Ashland Ohio MYSTONE Penetone Co The 74 Hudson Ave

Tenafy NJ MYTI-DRI Masonry Waterproofing Co Inc Box 1061 North Station Arlington 7 Va

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NAILON-BRICK Ludowici-Celadon Co 75 E Wacker Dr Chicago 1 Ill NAIROIL National Airoil Burner Co 1284 E Sedgley Ave Philadelphia 34 Pa

NAKORA United States Plywood Corp 55 W 44th St New York 36 NY

NALCO National Lead Co 111 Broadway New

York 6 NY

NALTEX Nalle Plastics Inc 108-112 W Second Austin 1 Texas

NAM-A-LAC Mobile Paint Mfg Co PO Box 1686 Mobile Ala NANCY WARREN United Wallpaper Inc PO

NANCY WARREN United Wallpaper Inc PO Box 348 Aurora II NARROWALL Holly Mfg Co 875 Arroyo Pkwy Pasadena 2 Calif NASHOTAH-PAKT Nashotah Moulding & Mfg Co Nashota Wis NAT BLAK National Rock Wool Sales Inc Lawre Lawre

Largo Ind NAT ROC National Rock Wool Sales Inc Largo Ind NATCHEZ FLAT ENAMEL Mobile Paint Mfg

Co PO Box 1686 Mobile Ala NATCHEZ LUSTER-NAMEL Mobile Paint NATCHEZ LUSTER-NAMEL Mobile Paint Mfg Co PO Box 1686 Mobile Ala NATIONAL Columbia-Geneva Div US Steel Russ Bldg San Francisco & Calif NATIONAL Metal Trims Inc PO Box 1072

Youngstown 1 Ohio NATIONAL DISPOSER National Rubber Ma-chinery 47 W Exchange St Akron 8 Ohio NATIONAL LIFETIME TILE National Tile & Mfg Co East 26th St Anderson Ind NAVAJO Chicago Paints Inc 4500 W 14th Chicago 92 Ul

NAVAJO Chicago Paints Inc 4500 W 14th Chicago 23 Ill NAVAL Sloan Valve Co 4300 W Lake St Chi-cago 24 Ill NAVEE 427 Penetone Co (The) 74 Hudson Ave

Tenafly NJ NEGATOR BALANCETTE Caldwell Mfg Co 68 Commercial St Rochester 14 NY NEOCETA Pittsburgh Plate Glass Co 632 Fort Duquesne Pittsburgh 22 Pa NEOCOAT Penna Salt Mfg Co 3 Penn Central Plaza Philadelphia 7 Pa NEOPRIME Penna Salt Mfg Co 3 Penn Cen-tral Plaza Philadelphia 7 Pa NEOSOTE Protexol Corp 162 Market St Kenil-

worth NJ NEPTUNE Fiat Metal Mfg Co 9301 W Belmont Ave Franklin Park III NEPTUNE Washington Stove Works 3402-22 Smith St Everett Wash

NEFTUNE Washington Stove Works 3402-22 Smith St Everett Wash NERVA KOTE Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY NERVA-PLAST Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY NERVASTRAL J F Rubber & Plastics Com-pound Co 30 Rockefeller Plaza New York 20 NY

20 NY NERVASTRAL SEAL-PRUF Rubber & Plas-tics Compound Co 30 Rockefeller Plaza New York 20 NY NEU-IONE Martin-Senour Co 2520 S Quarry

York 20 NY NEU-TONE Martin-Senour Co 2520 S Quarry St Chicago 8 III NEVA-BREAK Plumbers Woodwork Co Box 157 Algoma Wis NEVER-STAIN Nichols Wire & Aluminum Co 1725 Rockingham Rd Davenport Iowa NEW EBFORD New Bedford Cordage Co 131 Court St New Berford Mass NEW ERA Acme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich NEW STANDARD Extension Drawer Support Co 2319 W Washington Los Angeles 18 Calif NEW LTE Cheeseman-Elliot Co Inc 645 Kent Ave Brooklyn 11 NY NIAGARA Mingara Furnace Div Forest City Foundries 2500 W 27th St Cleveland 13 Ohio NICHOLS Nichols Metal Strip Service 2108 Gilbert Cincinnati 6 Ohio NI-CLAD Lufkin Rule Co 1730 Hess Ave Sagi-naw Mich

naw Mich NINETY Glen-Gery Shale Brick Corp Box 182

NINETY Glen-Gery Shale Brick Corp Box 182 Wyomissing Pa NIXALITE Nixalite Co of America 115-19 W 3rd St Davenport Iowa NO DRIP Mortell (J W) Co 550 N Hobbie Ave Kankakee III NO-FLAME Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 III NO-ROT American Asbestos Prods Co 8000 Franklin Blvd Cleveland Ohio NO-SAG Farley & Loetscher Mfg Co Dubuque Iowa

Iowa Iowa NO SHOK Bell Electric Co 1844 W 21st SU Chicaro 8 Ill NO-SHIRINK Reliable Paste & Chemical Co 2560 S Shields Ave Chicago 9 Ill NOISEMASTER Simpson Logging Co Shelton Work

Whah NOMEC Lock-Joint Window Co 817 NW 61st Oklahoma City 6 Olka NON CON DIX Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 Ill NORCRAFT MacGillis & Gibbs Co 1615 E Roy-all PI Milwaukee 2 Wia NORE General Hardware Mfg Co Inc 80 White St New York 13 NY

NORMAN Chatham Brick & Tile Co Inc Gulf NORMAN INN-A-WAL Norman Prods Co 1150 Chesapeake Columbus 12 Ohio

NORMAN SOUTHERNER Norman Prods Co<sup>\*</sup> 1150 Chesapeake Columbus 12 Ohio

NORMAN THREE-SIXTY Norman Prods Co 1150 Chesapeake Columbus 12 Ohio

NORMAN TWINFUEL Norman Prods Co 1150 Chesapeake Columbus 12 Ohio NORTH-LITE Great Northern Mfg Corp 1056 N Wood St Chicago 22 Ill

NORTHERN-AIRE Great Northern Mfg Corp 1056 N Wood St Chicago 22 Ill

NORTON Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY

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NORWESCO Northwest Metal Prods Inc 55 Spokane St Seattle 4 Wash NOURSE FLEXO FLINT Nourse Oil Co Clin-ton & Frisco Kansas City 8 Mo NOURSE FORM OIL Nourse Oil Co Clinton

ton & Frisco Kansa City 8 Mo NOURSE FORM OIL Nourse Oil Co Clinton & Frisco Kansas City 8 Mo NOVACRETE Noval Sales Co Trenton 3 NJ NOVACRETE Nova Sales Co Trenton 3 NJ NOVAFOLD Nova Sales Co Trenton 3 NJ NOVALSTIC Nova Sales Co Trenton 3 NJ NOVAMIX Nova Sales Co Trenton 3 NJ NOVAMIX Nova Sales Co Trenton 3 NJ NOVAPIME Mova Sales Co Trenton 3 NJ NOVAFUME Mova Sales Co Trenton 3 NJ NOVAPIME Mova Sales Co Trenton 4 NJ NOVAFUME Mova Sales Co Trenton 5 NJ NOVAFUME Nova Sales Co Trenton 5 NJ NUCAFUME New York 6 NY NU-AIR Meier Electric & Machine Co Inc 3525 E Washington Indianapolis Ind NU-DA Indianapolis Paint & Color Co 640 N Capitol Ave Indianapolis Paint & Color Co 640 N UCAFTOR Air Placement Equipment Co 1009 11 W 24th St Kansas City 8 Mo NU-FRAME Rudiger-Lang Co 2701-8th St Berkeley 10 Calif NU-HUE Martin-Senour Co 2520 S Quarry St Chicago 8 III NUKEMITE Nukem Prods Corp 111 Colgate Ave Buiffalo 20 NY

NUKEMITE Nukem From Corp Art Constant Ave Buffalo 20 NYARD Midwest Plywood Co 10101 Lyndon Ave Detroit 38 Mich NU-RAIL Hollaender Mfg Co 3841 Spring Grove Cincinnati 23 Ohio NU-REVERSIBLE Huttig Mfg Co Muscatine

NUPRIMEX Claronex Prods Inc 239 Java Brooklyn 22 NY NU-WALL Nu-Wall Mfg Co 3100 W State St

MU-WALL Nu-Wall Mfg Co 3100 W State St Milwaukee 8 Wis NU-WOOD Wood Conversion Co 1st Natl Bank Bidg St Paul 1 Minn NVLO Metzger Conveyor Co 413 Douglas NW Grand Rapids 4 Mich

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O-E Arro Expansion Bolt Co 1526 N Boone

O-E Arro Expansion Bolt Co 1526 N Boone Ave Marion Ohio
 OTC Owatonna Tool Co 341 Cedar St Owa-tonna Minn
 OAKUM St Louis Cordage Mills 11th & Lafay-ette St Louis 4 Mo
 OASIS WATER COOLER Ebeo Mfg Co 235 N Hamilton Rd Columbua 13 Ohio
 OBERG Sandvik Saw & Tool Div Sandvik Steel 1702 Warren St New York 7 NY
 ODOROUT Westinghouse Electric Corp Lamp Div Rhoemfeld NJ

OHIO AUTOCLAVED Ohio Lime Co Wood-

OHIO EVER-READY Ohio Lime Co Woodville

Ohio OHIO SANLIME Ohio Lime Co Woodville Ohio OHIO WHITE Ohio Lime Co Woodville Ohio OIL-A-FIRE Automatic Firing Corp 4417 Oleatha Ave St Louis 16 Molas Engineers Main St Trucksville Pa OIL-FLO Coal-O-Matic Div Dallas Engineers Main St Trucksville Pa OIL SPECIAL The Williamson Co 3500 Mad-ison Rd Cincinnati 9 Ohio OIL SUPER The Williamson Co 3500 Madison Rd Cincinnati 9 Ohio

OIL SUPER The Williamson Co 3500 Madison Rd Cincinnati 9 Ohio OIL TONE Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo. OILY WASTE CANS Diener Mfg Co 400 N Monticello Chicago 24 Ill OLD ENGLISH Boyle-Midway Inc 22 E 40th St New York 16 NY OLD GRAN DAD Dad & Lad Co PO Box 235 New Lenox Ill

New Lenox Ill OLD TRUSTY Wooster Brush Co 600 Madison

Ave Wooster Ohio OLD VIRGINIA WHITE Cabot (Samuel) Inc 141 Milk St Boston 9 Mass OLEY Hasco Industries Inc Railroad Ave E Northport LI NY

Northport LI NY OLSON LINE Olson Mfg Co 620-24 S Broad-way Albert Lea Minn OLYMPIA General Metalcraft Inc PO Box 57

way Albert Lea Minn
OLYMPIA General Metalcraft Inc PO Box 57 Olympia Wash
OLYMPIC Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY
OLYMPIC Washington Stove Works 3402-22 Smith St Everett Wash
OLYMPIC FERFECT-FIT Olympic Stained Prods Co 1118 Leary Way Seattle 7 Wash
OLYMPIC TEXTERIOR Olympic Stained Prods Co 1118 Leary Way Seattle 7 Wash
OLYMPIC TEXTERIOR Olympic Stained Prods Co 1118 Leary Way Seattle 7 Wash
OLYMPIC TEXTERIOR Olympic Stained Prods Co 1118 Leary Way Seattle 7 Wash
OLYMPIC TEXTERIOR Olympic Stained Prods Co 1118 Leary Way Seattle 7 Wash
OLYMPIC TEXTERIOR Olympic Stained Prods Co 1118 Leary Way Seattle 7 Wash
OMEGA Tilley (John 51 Ladders Co Inc 112 Second St Waterville NY
ON-A-DOOR Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 III
OPAL Durall Prods Co York Pa
ORANGE Virginia Metal Prods Inc Dept A44 Orange Va
ORANGEBURG Orangeburg Mfg Co Inc

Orange Va ORANGEBURG Orangeburg Mfg Co Inc Orangeburg NY

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ORIENTAL United States Gypsum Co 300 W

Adams 5 chiese Gypsum Co 300 W ORTHODINLOROBENZENE Solvay Process-Allied Chemical & Dye Corp 61 Broadway New York 6 NY

New York 6 NY ORTHO-GRO California Spray-Chemical Corp Lucas & Ortho Way Richmond Calif ORTHOCIDE California Spray-Chemical Corp Lucas & Ortho Way Richmond Calif OSBORNE JAMB TYPE Arrowsmith Tool & Die Co 9700 Bellanca Ave Los Angeles 45 Die Sco 9700 Bellanca Ave Los Angeles 45

Calif OSBORNE LIFT-LITE Arrowsmith Tool & Die Co 9700 Bellanca Ave Los Angeles 45 Colié

Calif OSMOPLASTIC Osmose Wood Preserving Co of America 980 Ellicott St Buffalo 9 NY OSMOSALTS Osmose Wood Preserving Co of America 980 Ellicott St Buffalo 9 NY OSPHO Rusticide Co 3125 Perkins Ave Cleve-led U Obic

OVERDOORS Barber Colman Co Park Plant

Rockford III OVERHEAD DOOR THE Overhead Door Corp.

PRR & Kickapoo St Hartford City Ind OWENS-ILLINOIS GLASS BLOCK Owens-Illinois PO Box 1035 Toleda ; Ott Illinois PO Box 1035 Toledo 1 Ohio OWENS-ILLINOIS PANEL-VENT Owens-Illi-

nois PO Box 1035 Toledo 1 Ohio OWENS-ILLINOIS PLYWOOD Owens-Illinois

PO Box 1035 Toledo 1 Ohio OWENS-ILLINOIS TOPLITE Owens-Illinois PO Box 1035 Toledo 1 Ohio OXALUMA Cortland Grinding Wheels Corp 1 Huntington St Chester Mass OXWALL Ox-Wall Tool Co 928 Broadway New York 10 NY

P-F SLIDER Schultes Level Inc 17403 Gable Ave Detroit 12 Mich
 P H Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 Ill
 P-K Parker-Kalon Div Clifton NJ
 P-M Sterling Grinding Wheel Co 1430 Wall St Trime 2 Obio

Tiffin 3 Ohio P-M LINE Wethrill (George D) & Co Inc 113 Arch St Philadelphia 6 Pa PVA SPEED SEALER Seidlitz Paint & Var-nish Co 18th & 4 mfield St Kansas City 10

MO PACEMAKER McQuay Inc 1600 Broadway NE Minneapolis Minn PACIFIC Breneman-Hartshorn Inc 2045 Read-

PACETY Kluegel & Co 169 W Kellog St Paul

2 Minn PAGE Page Steel & Wire Div American Chain First & River Sts Monessen Pa PAINTERS PRIDE Wooster Brush Co 600 Madison Ave Wooste, Ohio PAINTGUN Root-Lowell Corp 445 N Lake Sh

Drive Chicago III PALLADIUM Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa PALMAIRE Palmer Mfg Co 2200 W Fillmore

Phoenix Ariz PANACALITE Panacalite Div Combined Met-als 202 Felt Bildg Salt Lake City Utah PANAL American Window Glass Co 9 West Pkwy Pittaburgh 12 Pa Allist Chemical &

PANAL American Window Gass Construction
 Phew Pittaburgh 12 Pa
 PANAMOID Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 PANAVIEW Glide Windows Inc 7463 Varna Ave N Hollywood Calif
 PANCAKE Wiremold Co Hartford 10 Conn
 PANEL PLY Masonite Corp 111 W Washington Chicago 2 III
 PANEL TE Ceco Steel Products Corp 5601 W 26th St Chicago 50 III
 PANEL-BILT Marietta Concrete Corp 1949
 Register Ave Marietta Onio Roofing Mills 7600 Truman Rd Kansas City Mo
 PANELSTONE Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY

PANELSTONE Ruberoid Co 500 5th Ave New

York 36 NY PANELUX Wilson Plastics Inc 1531 Milan Rd PANELWOOD Masonite Corp 111 W Washing-

ton Chicago 2 III PANELYTE St Regis Sales Corp Panelyte Division 230 Park Ave New York 17 NY PAPOOSE Capewell Mfg Co 60 Governor St Hartford 2 Con

Hartford 2 Conn PAQUA Moore (Benjamin) & Co 511 Canal St New York 13 NY PAR PLUS Metal Proda Corp 510 First Ave

Haven Conn

PARA-HUE Sapolin Paints Inc 229 E 42nd St New York 17 NY

PARADICHLOROBENZENE Solvay Process-Allied Chemical & Dye Corp 61 Broadway New York 6 NY

PARAFLO Dravo Corp Machinery Division Dravo Bldg Pittsburgh 22 Pa PARAGON Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY

PARALINE Loomis Industries Box 442 Berke-ley T Calif PARA-PLASTIC Servicised Prods Corp 6051 W 65th St Chicago 38 III PARCO Parker-Rust Roof Co 2177 E Milwau-kee Detroit 11 Mich

kee Detroit 11 Mich PARKWOOD DECORATIVE Parkwood Corp

24 Water St Wakefield Mass PARMELEE Walworth Co 60 E 42nd St New

York 17 NY PAROID Bird & Son Inc 47 Wilson St East Walpole Mass PARQUET Robbins Flooring Co Reed City

Mich PARRALL PLASTIC Robinson Clay Prods Co

PARKALL PLASTIC RODINGO Clay From Co 65 West State St Akron 9 Ohio PATRICIAN Tilley (John S) Ladders Co Inc 112 Second St Watervliet NY PAVISEAL Pavinoleum Inc 1239 St Nicholas

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New York 32 NY PAYLOADER Hough (Frank G) Co The 811 Sunnyside Ave Libertyville III PAYLOADER International Harvester Co 180 N Michigan Ave Chicago 1 III PAYSWELL Sellco Corp 157 W Kellogg St

NO 1. Paul 2 Minn PC GLASS BLOCK Pittsburgh Corning Corp I Gateway Center Pittsburgh 22 Pa PEARL Gilbert & Bennett Mfg Co 600 Mil-

ler Ave Georgetown Conn PEARL SANDSTONE Pearl Sandstone Co

PEARL SANDSTONE Pearl Sandstone Co R R 3 Fresno Obio PEARLITE Lustro Tile Mfg Co 1066 Home Ave Akron 10 Obio PEASE HOMES Pease Woodwork Co 900 For-est Ave Hamilton Obio PEE GEE Astrup Co 2937 W 25th St Cleveland

PEE GEE Astrup Co 234 w 2011 St Crevenan-13 Ohio PEE GEE Devoe & Raynolds Co Inc 401 N Main St Louisville 2 Ky PEE GEE Penslee-Gaulbert Paint Varnish 223 N 15th St Louisville Ky PEEP SPOT Neo-Ray Products Inc 313-23 E 22nd St New York 10 NY PEERLESS Reliable Metal Novelty Co Inc 25 Elm Ave Mt Vernon NY PEERLESS BRAND Peerless Mfg Co Inc 2100 N Elevanth St Rending Pa

N Eleventh St Reading Pa PEERLESS DIKAP Feerless Arg Co Inc 2100 PEERLESS DIKE Feerless Cement Corp 1144 Free Press Bidg Detroit 26 Mich PEG-BOARD Butler (B B) Mfg Co Inc 3150 Randolph Bellwood III

Randolph Bellwood Ill PEG-BOARD Masonite Corp 111 W Washing-

Randolph Bellwood III PEG-BOARD Masonite Corp 111 W Washing-ton Chicago 2 III PELICAN Buck Equipment Corp 720 Anderson Rd Cincinnati 38 Ohio PELLA Rolscreen Co Main St Pella Iowa PEM Standard Dry Wall Prods Inc 77 Hud-mont St New Eagle Pa PEMCO Philadelphia 21 Pa PENCH LOR Pennsylvania Salt Mfg Co 3 Penn Central Pinza Philadelphia 7 Pa PENCHCOME Obrien Corp 101 N Johnson St South Bend 21 Ind PENCHCOME Obrien Corp 101 N Johnson St South Bend 21 Ind PENCHCOME Obrien Corp 101 N Johnson St South Bend 21 Ind PENCHROME Obrien Corp 101 N Johnson St South Bend 21 Ind PENCHROME Obrien Corp 101 N Johnson St South Send 21 Ind PENCHROME Obrien Corp 101 N Johnson St South Send 21 Ind PENCHASS Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa PENN STATE Pennsylvania Saw Corp York PENN TONE Doro Corto Paulo Co 20th & Lippincett Sts Philadelphia 32 Pa

PAN OTATE Frankrichte Late Lang Frankrichten PENN TONE Penn Crete Prods Co 20th & Lippincott Sts Philadelphia 32 Pa PENNPAINT Pennsylvania Mfg Co 3 Penn Central Plaza Philadelphia 7 Pa PENNSALT Pennsylvania Salt Mfg Co 3 Penn Central Plaza Philadelphia 7 Pa PENNVERNON Pittsburgh 22 Pa PENPLY Pennsula Plywood Corp Marine Drive Port Angeles Wash PEN-SHEEN Obrien Corp 101 N Johnson St South Bend 21 Ind

PEN-SHEEN Obrien Corp 101 N Johnson St South Bend 21 Ind PENTA STAIN Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo PENTAFLEX Moore (Benjamin) & Co 511 Canal St New York 13 NY PENTASOTE Protexol Corp 162 Market St Kenilworth NJ

Kenilworth NJ PENTECOR Mississippi Glass Co 88 Angelica St St Louis 7 Mo

PEN-TEX Obvien Corp 101 N Johnson St South Bend 21 Ind PENTIDE Bonide Chemical Co 384 N Genesee

PENTOX Osmose Wood Preserving Co of America 980 Ellicott St Buffalo 9 NY PENTRONOL Pioneer Mfg Co 3053 E 87th St

PEQUOD Breneman-Hartshorn Inc 2045 Read-ing Rd Cincinnati 2 Ohio PER-FIT Schultes Level Inc 17403 Gable Ave Detroit 12 Mich

PER-FIT SLIDER Per-Fit Prods Corp 1200 E 52nd St Indianapolis 5 Ind

PERF.A.TAPE United States Gypaum Co 300 W Adams St Chicago 6 Ill PERFECESEAL Reces Metal Weatherstrip Co 712 Park Ave Minneapolis Minn

PERFECTION Arkansas Oak Flooring Co 2200 W Fifth Ave Pine Bluff Ark

AMERICAN BUILDER

Utica 4 NY

land 4 Ohio

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PERFECTION American Steel & Wire Div 1420 Rockefeller Cleveland 13 Ohio PERFECTION Diener Mfg Co 400 N Monti-cello Chicago 24 III PERFECTION Lufkin Rule Co 1730 Hess Ave

Saginaw Mich PERFECTION Riverton Lime & Stone Co Inc.

Riverton Va PERFECTION True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio PERFECTO Metal Prod Co Wolfe & Jackson Fredericksburg Va

Fredericksburg Va PERFOLATH Certain-Teed Prods Corp 120 E

Lancaster Ave Ardmore Pa Eancaster Ave Ardmore Pa PERF-O-MATIC Crofoot Mfg Co 217 Ever-green Mt Prospect III PERFO-METAL Tach Fast Mfg Co Lonacon-

ing Md PERFORALL Woodall Industries Inc 3500 Oak-

PERFORALL Woodall Industries Inc 2000 Gan-ton Ave Skokie III PERIM-A-BASE Berger Furnace Corp 4th & Main St Belle Vernon Pa PERIMETER INSULATION Corson (G&W H)

Main St Belle Vernon Pa PERIMETER INSULATION Corson (G&W H) Inc Plymouth Meeting Pa PERL-AG Western Mineral Prods Co 1720 Madison NE Minneapolis Minn PERL-CRETE Western Mineral Prods Co 1720 Madison NE Minneapolis Minn PERL-FLOTE Western Mineral Prods Co 1720 Madison NE Minneapolis Minn PERL-FLOTE Western Mineral Prods Co 1720 Madison NE Minneapolis Minn PERL-TROWL Western Mineral Prods Co 1720 Madison NE Minneapolis Minn PERL-TE Builders Fireplace & Supply 2604 Link Road Houston Texas PERL-TE Western Mineral Prods Co 1720 Madison NE Minneapolis Minn PERL-TE SWENTER Mineral Prods Co 1720 Madison NE Minneapolis Minn PERL-ALIGN Cummina Portable Tools Div J Oster 5055 N Lydell Ave Milwaukee 17 Wis PERMA-BILT Vulcan Metal Prods 2801 6th Ave S Birmingham Ala

Ave S Birmingham Ala PERMA-CUSHION Robbins Flooring Co Reed

PERMA-GARD Gilbert & Bennett Mfg Co 600

Miller Ave Georgetown Conn PERMA GLAZE Biddle Co 608-624 S Main

PERMA-LOK Logan-Long CO 6000 S Central Ave Chicago 38 III PERMA-NETTING Gilbert & Bennett Mfg Co 600 Miller Ave Georgetown Conn PERMA SEAL Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa PERMA-VENEER Standard Industrial Prod-ucts 1500 Park St Evansville 4 Ind PERMA-VENEER Standard Industrial Prod-ucts 1500 Park St Evansville 4 Ind PERMA-WALL Logan-Long Co 6600 S Cen-tral Ave Chicago 38 III PERMACOUSTIC Johna-Manville Corp 22 East 40th St New York 16 NY PERMACLAS Smith (A O) Corp Permagina Div PO Box 28 Kankakee III PERMALITE Permalite Mfg Co Arch St PO Box 478 Carnegie Pa

PERMALITE Permalite Mfg Co Arch St PO Box 478 Carnegie Pa PERMALITE Virginia Perlite Corp PO Box 687 Hopewell Va PERMATAB Logan-Long Co 6600 S Central Ave Chicago 38 III PERMATITE Durkee-Atwood Co 217 N E 7th St Minneapolis 13 Minn PERMATITE General Bronze Corp Stewart Avenue Garden City LI NY PERMERAL Rock-Tred Corp 7440 N St Louis Skokie III

Skokie III PERMITE

Skokie III Skoki red Corp 1440 R St Louis PERMITE Aluminum Industries Inc 3670 Werk Rd Cincinnati 11 Ohio PERMO Fiat Metal Mfg Co 9301 W Belmont Ave Franklin Park III PERMODIP E & F King Co Inc 640 Pleasant St Norwood Maas PERMUTIT ELECTRO-MATIC Permutit Co 330 W 42nd St New York 36 NY PERSIANS Watsontown Brick Co Watson-town Pa

town Part Monte Calif PETCO Petterson (J C) Corp 2227 N Chico Ave El Monte Calif PETER PUTTERS Schalk Chemical Co 351 **D** 2nd St Los Angeles 12 Cal PHANTOM SYSTEM Nati System of Garage Ventilating Inc 138 West William Decatur Ulinois

Illinois PHOENIX Samson Cordage Works 470 Atlan-tic Av Boston 10 Mass PIC Dart Union Co 134 Thurbers Ave Provi-dence 5 RI PIGMY Capewell Manufacturing Co 60 Gov-ernor St Hartford 2 Conn

PINE CRAFT White Pine Sash Co E 4005 Broadway Spokane Wash PIONEER Puritan Cordage Mills Inc 1205 Washington St Louisville 6 Kg

PERMA GLAZE Biddle Co 608-624 S Main St Louis 2 Mo PERMA GLAZE Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa PERMA GLOW Reflecto Letters Co 411 E 101 St New York 29 NY PERMAGLOSS Thomas Moulding Floor Co Inc 325 West Huron St Chicago 10 III PERMAGUM Pressite Engineering Co 3900 Chouteau Ave St Louis 10 Mo PERMA-LOK Logan-Long Co 6600 S Central Ave Chicago 38 III PERMA-NETTING Gilbert & Bennett Mfr Co

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PIGSKIN Industrial Canvas Prods Corp 15-25 Flax St Delaware Ohio

PILOT Fiat Metal Mfg Co 9301 W Belmont Ave Franklin Park III

PILOT Johns-Manville Corp 22 East 40th St New York 16 NY

PINCOR Pioneer Motor Corp 5841 W Dickens Chicago 39 Ill

APRIL 1956

PIONITE Pioneer Plastics Corp 28 Goodhue

PREMIER Mackin Venetian Blind Co 300 W

PREMIER Mackin Venetian Blind Co 300 w 6th St Momence III PREMIER Metal Trims Inc PO Box 1072 Youngstown 1 Ohio PRESERVATEX Kedmont Waterproofing Co 330 S Dearborn Chicago 4 III PRESTILE Wall-Tile Mfg Co 5850 W Ogden

Cicero III PREST-O-LLOYD Garrison Wagner Co 2018 Washington Av St Louis 3 Mo PRESTO LOGS New Mexico Timber Co PO Box 988 Albuquerque NM PRESSWELD Colson Corp Elyria Ohio PRESTELINE Stevens (Geo T) & Associates 612 N Michigan Ave Chicago 11 III PRESTO-SET United States Plywood Corp 55 W 4th St New York 36 NY PRIDE Johnson (S C) & Co Inc 1525 Howe St Racine Wis

PRIDE Johnson (S C) & Co Inc 1525 Howe St Racine Wis PRIMUS Sandvik Saw & Tool Div Sandvik Steel 1702 Warren St New York 7 NY PRINCESS Curtis Lighting Inc 6135 W 65th St Chicago 38 Ill PRIVATE LINE Connecticut Telephone & Electric Co 70 Britannia St Meriden Conn PROFI-MATIC Hudson (H D) Mfrg Co 587-91 E Illinois Chicago 11 Ill PROJECT-0-VENT Superior Window Co 5300 N W 37th Ave Miami Fla PROPR-TEMP HEAT PUMPS Typhoon Air Conditioning Co Inc 505 Carroll St Brooklyn 15 NY

15 NY PROPELLAIR Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio PROSLATE Bird & Son Inc 47 Wilson St East Walpole Mass PROTECT-O-MATS Angier Corp Fountain St

PROTECT-O-MATS Angier Corp Fountain St Framingham Mass PROTECTOL Price Fire & Water Proofing Co Poughkeepsie NY PROTEKWOOD United States Plywood Corp 55 W 44th St New York 36 NY PROTEX Autolene Lubricants Co 1331 W Evans Denver 9 Colo

Evana Denver 9 Colo PROTEX Wayne Chemical Prods Co Copeland & Mc RR Detroit 17 Mich PROTEXIDE Protexol Corp 162 Market St Kenilworth NJ PROTEXOL Protexol Corp 162 Market St Kenilworth NJ PRY-LITE Pryne & Co Inc 140 N Towne Pomona Calif PRYMALL Mobile Paint Mfg Co PO Box 1686 Mobile Ale

PRYMALL module rank and the Ala Mobile Ala PRYME-SHAKES FYNAL KOLOR Creo-Dipt Co Inc 986 Oliver St North Tonawanda NY PRYME-SHAKES Weatherbest Corp 986 Oliver St North Tonawanda NY PULL E-Z Colson Corp Elyria Ohio PULLPWOOD DREAM Taylor Machine Works

PULL E-Z Colson Corp Elyria Ohio
PULL E-Z Colson Corp Elyria Ohio
PULPWOOD DREAM Taylor Machine Works Louisville Miss
PURCHY Curtis Lighting Ine 6135 W 65th St Chicago 38 III
PURE-WITE Certain-teed Prods Corp 120 E Lancaster Av Ardmore Pa
PUROIL Wooster Finishes Corp Wooster Ohio
PUSH E-Z Colson Corp Elyria Ohio
PUTTER KUTTER J M J Industries Inc 226 Centerville Av Belleville III
PUTTER KUTTER J M J Industries Inc 226 Centerville Av Belleville III
PYLETS Pyle-National Co 1334 N Kostner Chicago 51 III
PYRAMID Goulda Punps Inc 75 Fall St State St Akron 9 Ohio
PYRESOFE Protexol Corp 162 Market St Kenikworth NJ
PHOBAR United States Gypsum Co 300 W Adams St Chicago 61 III
PYROFAX Pyrofax Gas Corp 40 East 41st St New York 17 NY

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Q SEAL Quigley Co Inc 527 Fifth Ave New York 17 NY York 17 NY QUAKER Quaker Mfg Co 1147 Merchandiae Mart Chicago III QUAKER Seidlitz Paint & Varnish Co 18th & Garfield St Kanasa City 10 Mo QUALITYBILT Farley & Loetscher Mfg Co Dubucut Lours

QUEEN Toledo Desk and Fixture Co 1020 Ford Rd Maumee Ohio QUEEN CITY Richbilt Manufacturing Co 3277

QUEEN CITY Richolit Manufacturing Co 3277 Spring Grove Cincinnati 25 Ohio QUICK CUT Obrien Corp 101 N Johnson St South Bend 21 Ind QUICK-CUTTER Hartmeister Mfg Co Inc 2020 W Barberry Pl Denver 4 Colo QUICK-MIX Ohio Lime Co Woodville Ohio QUICK-MIX Ohio Lime Co Woodville Ohio

QUICK-NAMEL Minnesota Paints Inc 1101 Third Sts Minneapolis Minn

QUICK PLUG Reardon Co 7501 Page Ave St Louis 14 Mo QUICK SERVICE Diener Mfg Co 400 N Monticello Chicago 24 Ill

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PIONITE Pioneer Plastics Corp 28 Goodhwe St Salem Maas PIPE-SEAL Calbar Paint & Varnish Co 2612-26 N Martha Philadelphia 25 Pa PIPE/ITE-STIK Lade Chemical Co 3052 W Carroll Chicago 12 Ill PITTSBURGH Automatic Gas Equipment Co 301 Brushton Ave Pittsburgh 21 Pa PITTSBURGH INTERLOCK Jones & Brown Inc 439 Sixth Ave Pittsburgh 19 Pa PITTSBURGH PANELTEX Jones & Brown Inc 439 Sixth Ave Pittsburgh 19 Pa PITTSBURGH PANLTEX Pittsburgh Plastic PITTSBURGH PANLTEX Pittsburgh Plastic Prods Inc 131 & Taylor St South Bend 24 Ind

PLANET Johns-Manville Corp 22 East 40th St

PLANET Johns-Manville Corp 22 East 40th St New York 16 NY PLANKWELD United States Plywood Corp 55 W 44th St New York 36 NY PLANMASTER Stace Equipment Co 768 E New York Ave Brooklyn 3 NY PLANTEX United States Plywood Corp 55 W 44th St New York 36 NY PLANTEX United States Plywood Corp 55 W 44th St New York 36 NY PLANTEX United States Plywood Corp 55 W 44th St New York 36 NY PLASTER United Larsen Products Corp 4934 Elm St Bethesda Md PLASTER PATCH United Gilsonite Labora-tories 1396 Jefferson Ave Scranton 1 Pa PLASTERLITE Perlite Mfg Co Arch St PO Box 478 Carnegie Pa

PLASTERLITE Peritte Mig Co Arch St Fo Box 478 Carnegie Pa PLASTIC ROCK United Laboratories Inc 16801 Euclid Ave Cleveland 12 Obio PLASTIC WOOD Boyle-Midway Inc 22 E

16301 Euclid Ave Cleveland 12 Ohio PLASTIC WOOD Boyle-Midway Inc 22 E 40th St New York 16 NY PLASTICO Barrett Div Allied Chemical & Dye Co 40 Rector St New York 6 NY PLASTICO Douglas & Sturgess 475 Bryant St San Francisco Calif PLASTICALASS Flex-0-Glass Inc 1100 N Cicero Ave Chicago 51 Ill PLASTICALASE Plastic Products Co 6473 Georgia Ave Detroit 11 Mich PLASTICALZE Plastic Products Co 6473 Georgia Ave Detroit 11 Mich PLASTICATE Albacs Bronze & Color Wks 2673 W Grand Ave Chicago 12 Ill PLASTIKOTE Albachtine Paint Prods 2629 Grand Ave Chicago 12 Ill PLASTIKOTE Albachtine Paint Prods 2629 Orand Ave Chicago 12 Ill PLASTIKOTE State Chemical Corp 35 Greg-ory Ave Passaic NJ PLASTISHADE Breneman-Hartshorn Inc 2045

PLASTIMENT Sika Chemical Corp 35 Greg-ory Ave Passaic NJ PLASTISHADE Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio PLASTOID Plastic Products Co 6473 Georgia Ave Detroit 11 Mich PLASTRA-TONE Superior Paint & Varnish Works 2256 N Elston Chicago Ill PLASWOOD Southern Plaswood Corp PO Box 123 Hope Ark PLATON Minnesota Platon Corp Platon Bldg Pipestone Minn PLAX-COTE Lowe Bros 436 E 3rd St Dayton 2 Ohio

2 Ohio PLUG-IN STRIP National Electric Prods Corp 2 Gateway Center Pittsburgh 22 Pa PLUGMOLD Wiremold Co. Hartford 10 Conn PLURALITE Mississippi Glass Co 88 Angelica St St Louis 7 Mo PLYMOLITE Plymold Co 2707 Tulare Ave Buybach Calif

PLYMOLITE Plymold Co 2707 Tulare Ave Burbank Calif PLYMOUTH Gerber Plumbing Fixtures 232 N Clark St Chicago 1 Ill POLAR WHITE Linseed Oil Products Co 1107 S Fremont Ave Alhambra Calif POLISHED MISCO Mississippi Glass Co 88 Angelica St St Louis 7 Mo POLONAISE Paxton Brick Co Lock Box 154 Watsendum Pa

POLONAISE Paxton Brick Co Lock Box 154 Watsontown Pa POLYPHANE Ralston (W) & Co Inc 177 St & Harlem Rv Bronx 53 NY POPAX Pressitie Engineering Co 3900 Chouteau Ave St Louis 10 Mo PORCELIRON Ingram-Richardson Mfg Co 32nd St Beaver Falls Pa PORC. DI.N.PLY United States Plywood Corp 55 W 44th St New York 36 NY PORETHERM Porete Mfg Co Porete Ave N Arlington NJ POREX Porete Mfg Co Porete Ave N Arling-ton NJ

PORTER SPRING WINDER Advance Car Mover Inc 112 N Outagamie St Appleton

Wis

Wis POSTMASTER Master Addresser Co 6500 W Lake St Minneapolis Minn POWER-GRIP Armour & Co Abrasive Div 1355 W 31st St Chicago 9 III POWER Guide Ram Tool Corp 411 N Clare-mont Chicago 12 III POWER HELPER Metzgar Conveyor Co 413 Douglas NW GR Rapida 4 Mich POWERIRE FURNACES Jackson & Church Co 321 N Hamilton St Saginaw Mich POWERLINE Chelsea Fan & Blower Co Inc 639 S Avenue Plainfield NJ POWER-TWIN Owstonna Tool Co 341 Cedar

POWER-TWIN Owatonna Tool Co 341 Cedar St Owatonna Minn

POWR-BLADE Hudson (H D) Mfg Co 587-91 E Illinois Chicago 11 Ill

POWRMATIC Kresno-Stamm Mfg Corp 115 W Palisades Blvd Palisades Park NJ

PRAIRIE CHIEF Chicago Paints Inc 4500 W 14th Chicago 23 111

PRECIPITRON Westinghouse Air Cond Div Box 510 Staunton Va

PRECISION-CONTOUR Amerco Plastics 177 Broadway New York 7 NY PRECISION Folding Stairway Precision Parts Corp 400 N First St Nashville 7 Tenn

QUICK SET DADO Consolidated Machine & Supply Co Ltd 2031 Santa Fe Ave Los

Appole of Call 2001 Saila Fe Five Los QUICKSMOOTHER Thomas Moulding Floor Co Inc 325 West Huron St Chicago 10 III QUICK SPRAY Sheffield Bronze Paint Corp 17814 Waterloo Cleveland 19 Ohio QUICK STICK The Commercial Paste Co Buttles At Mich Columbus 8 Ohio QUIK-SET Moore (Goodloe E) Inc PO Box 846 Danville III QUIK-TEX Sapolin Paints Inc 229 E 42nd St New York 17 NY

QUIK-TEX Sapolin Paints Inc 229 E 42nd St New York 17 NY
QUIK-WAY FURRING CLIPS Peterson Prod-ucts Co 1013-17 N Bluff St Janesville Wis
QUIGLEY Quigley Co Inc 527 Fifth Ave New York 17 NY
QUIKBIK American Cement Products 7306 Puritan Ave Detroit 38 Mich
QUIKLBIK American Cement Products 7306 Puritan Ave Detroit 38 Mich
QUIKLIGHE Brass Works Inc 250 East Fifth St St Paul 1 Minn
QUIK-LIPT Coffing Hoist/Duff-Norton Co 800 Walters St Danville III
QUIK-LOK Meldrum Mfg & Engineering 473 N Cleveland Av St Paul 4 Minn
QUIK-SLAK Marblehead Lime Co 300 W Washington Chicago 6 III
QUISSET Stran-Steel Corp Ecorse IId Detroit 29 Mich

29 Mich QUONSET & LONG-SPAN Stran-Steel Unit of National Steel Great Lakes Steel Div Detroit 29 Mich

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RFD ROWNSKIN Angier Corp Fountain St Framingham Mass RIW FLINTOX Toch Bros 2600 Richmond

 RIW FLINTOX Toch Bros 2600 Richmond Terr Staten Island 3 NY

 RIW MARINE CEMENT Toch Bros 2600 Richmond Ter Staten Island 3 NY

 RIW PLUGALEAK Toch Bros 2600 Richmond Terrace Staten Island 3 NY

 RIW ROCKTOP Toch Bros 2600 Richmond Terrace Staten Island 3 NY

 RIW TOXEMENT Toch Bros 2600 Richmond Terrace Staten Island 3 NY

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 Richmond Terrace Staten Island 3. NY
 RIW 232 Toch Bros 2600 Richmond Terrace
 Staten Island 3. NY
 R & M Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio
 ROW ROW Sales Co 1365 Academy Ferndale 20 Micht

20 Mich Arvey Corp 3500 N Kimball Ave Chicago 18 Ill RACK-A-NEER Ken-Ro-Bil Co Van Buren

RACO All-Steel Equipment Co Inc 245 John

RACO All-Steel Equipment Council and St Aurora III RADER LUMBER CALCULATOR Rader (Everett) Co PO Box 122 New York 4 NY RADER STEEL BEAM SELECTOR Rader (Everett) Co PO Box 122 New York 4 NY RADER WOOD JOIST & RAFTER Rader (Everett) Co PO Box 122 New York 4 NY RADIA Shepler Mig Co 1115 Arlington Ave Pittaburgh 33 Pa RADIA McQuay Inc 1600 Broadway N E Minneanolis Minn

RADIA Snepres Pittsburgh 33 Pa RADIAL McQuay Inc 1600 Broadway N & Minneapolis Minn RADIANT Boyle-Midway Inc 22 E 40th St Naw York 16 NY Naw York 16 NY

RAIN-THE Clifton Mig Co 323 Pleasant St E. Waco Texas OCK General Engines Co Inc Route 130 Thorofare NJ RAINZEL Wenzel (H) Tent & Duck Co 1035 Hickory St St Louis Mo RAMCO CREST Reliable Metal Nov Co Inc 25 Elm Ave Mt Vernon NY RAMSAW Ram Tool Corp 411 N Claremont Chicago 12 III

Chicago 12 Ill RAMSET DUO-JOBMASTER Ramset Olin Industries Inc 12117 Berea Rd Cleve land 11 Ohio Div

RAMSET PLUS-POWER JOBMASTER Ram-set Div Olin Industries Inc 12117 Berea Rd

land SUPER-POWER JOBMAST Ram RAMSET

RAMSET SUPER-POWER JOBMAST Ram-set Div Olin Industries Inc 12117 Berea Rd Cleveland 11 Ohio RAMSET FRU-SET FASTENERS Ramset Div Olin Industries Inc 12117 Berea Rd Cleve-land 11 Ohio RANCHO Tubbs Cordage Co 200 Bush St San Evension, Colif

Francisco Calif RANCHTILE Congoleum-Nairn Inc 195 Bel-grove Dr Kearny NJ RANCHWOOD Southwood Corp PO Box 391

Fort Worth Texas RANDOMWOOD United States Plywood Corp 55 W 44th St New York 36 NY RANGAIRE Roberts Mfg Co PO Box 177 Cleburne Texas

Cleburne Texas RANGE-VENTOR Universal Blower Co 1090 S Adams Ave Birmingham Mich

RANGER Roberts Mfg Co PO Box 177 Cle-

RAWL DRIVES Rawplug Co Inc Industrial Div 271 Church St New York 13 NY

RAWPLUGS Rawplug Co Inc Industrial Div 271 Church St New York 13 NY

RAY-O-VENT Superior Window Co 5300 N W 37th Ave Miami Fla RAZON Tremco Mfg Co 8701 Kinsman Rd

Ohio

RAZON Tremeco MIE Co ortot Elinsman ava Cleveland Ohio
 RE-MO-TROL Templeton Kenly & Co Gardner Rd Broadview III
 READING Hardware Prods Inc 806-812 126th St Reading Pa
 READY HUNG DOORS Ready Hung Door Corp 204 Neil Anderson Fort Worth 2 Texas
 READYBUILT FIREPLACES Readybuilt Prods Co 1707 McHenry St Baltimore 23 Md
 RED BRAND Keystone Steel & Wire Co 7000 S Adams Peoria 7 III
 RED CAP Warner Ventilator Co 217 E Spring St La Grange Ind

RED CAP Warner Ventilator Co 217 E Spring St La Grange Ind RED CROWN Hynes & Cox Electric Co Cohoes Rd & Elm St Watervliet N Y RED DEMON Amer Kitchens Div Avco Mfg Corp 18th and Columbia Connersville Ind RED END Lufkin Rule Co 1730 Hess Ave Saginaw Mich RED END Simonds Saw & Steel Co 470 Main Street Fitchburg Mass

Street Fitebburg Mass RED LABEL Johnson (S C) & Co Inc 1525 Howe St Racine Wis RED STREAK Simonds Saw & Steel Co 470 Main Street Fitebburg Mass RED-STRIPE Clover Mfg Co 327 Main St

Norwalk Conn RED STRIPE Pittsburgh Plate Glass Co 632 Fort Duquesne Pittsburgh 22 Pa RED TAG Cyclone Fence Dept Amer Steel Box 260 Waukegan 1 Ill RED TANG Simonds Saw & Steel Co 470 Main

Box 200 Walancesan the RED TANG Simonds Saw & Steel Co 470 Main Street Fitchburg Mass RED TOP Keystone Steel & Wire Co 7000 S Adams Peoria 7 Ill RED TOP United States Gypsum Co 300 W Adams St Chicago 6 Ill RED WING Pittsburgh Plate Glass Co 632 Fort Duquesne Pittsburgh 22 Pa REDEGE National Electric Products Corp 2 Gateway Center Pittsburgh 22 Pa REDDI-MOUNT Chesler (J) & Sons Inc 41-49 Variek Ave Brooklyn 37 NY 9 Variek Ave Brooklyn 37 NY

REDDI-MOUNT Chesler (J) & Sons Inc 41-49 Varick Ave Brooklyn 37 NY REDI-RAIL Tennessee Fabricating Co 1490 Grimes St Memphis Tenn REDUCIT Obrien Corp 101 N Johnson St South Bend 21 Ind

South Bend 21 Ind **REDWOODIE** Redwood Garden Materials Co 7130 Romaine St Los Angeles 46 Calif **REELITE** Appleton Electric Co 1701-59 Wel-lington Chicago 13 Ill **REFRACT-O-CRETE** Acme Brick Co PO Box

REFRIGERATED-KOOLER-AIRE United

REFRIGERATED RIGHT Come Ave SE at 33 Minneapolis Minn REGAL Athens Stove Works Inc Hicks St Athens Tenn REGAL Johns-Manville Corp 22 East 40th St

New York 16 NY REGALWALL SHAKES Chew (Joseph) Shin-gle Co Ltd 309 W Esplande N Vancouver BC

gie Co Lid 309 W Espiande N Vancouver BC Canada Ajax Building Bracket Co 1551 Rydal Mt Rd Cleveland Hta Ohio RELIABLE Richbilt Manufacturing Co 3277 Spring Grove Cincinnati 25 Ohio RELIANCE Trine Mfg Corp 1430 Ferris New York 61 NY RELY-ON Armstrong Co 1001 East 103rd St Chicaeo 28 Ill REMINGTON STUD DRIVER MODEL 455 Remington Arms Co Ine 939 Barnum Ave Bridgeport 2 Conn

REMOV-A-SEAL Farley & Loetscher Mfg Co

REMPE FLAG MAST Rempe Co 340 N Sacra-

mento Chicago 12 Ill REMPE HOT SPOT Rempe Co 340 N Sacra-mento Chicago 12 Ill REPUBLIC Odin Stove Mfg Co 342 West 12th

Erie Pa RESINIZED SPEED-GRITS

Behr-Mannin Corn Div Norton Co 1360 Howe St Troy NY RESTOREX Penetone Co The 74 Hudson Ave Tenafty NJ RESURFO Reardon Co 7501 Page Ave St Louis 14 Mo

Louis 14 Mo RETARDO Moore (Benjamin) & Co 511 Canal St New York 13 NY REVOLVO Frick-Gallacher Mfg Co S Michi-gan Ave Wellston Ohio REX Chain Belt Co 4689 W Greenfield Mil-wnukee 1 Wis REX Cleveland Heater Co 2310 Superior Ave Cleveland 14 Ohio REX Kees (F D) Mfg Co 700 Park Ave Reatrice Nebr REX Prent Cereals Co 13.55 Readers 7

tent Cereals Co 13-55 Bradford St REX Pate

REX AIR-PAK Cleveland Heater Co 2310 Superior Ave Cleveland 14 Ohio

REX AIRATE Cleveland Heater Co 2310 Su-perior Ave Cleveland 14 Ohio

REXALUM Consolidated General Prod Inc PO Box 7425 Houston Texas

REXCEL Patent Cereals Co 13-55 Bradford St Geneva NY EZ Roddis Plywood Corp 1155 Palmetto Marshfield Wis

REZ Monsanto Chemical Co 1700 \$ Second St St Louis 4 Mo

REZO Paine Lumber Company Ltd 73 West Algoma Oshkosh Wis

RIBAC Harris Mfg Co Grover at Walnut Johnson City Tenn RICE Rice Pump & Machine Co 400 Park Ave Belgum Wis RICHBEAD Richkraft Co 510 N Dearborn St

Chicago 10 Ill RICHBILT SAFETY Richbilt Manufacturing

CO 3277 Spring Grove Cincinnati 25 Ohio RICHFLEX Richkraft Co 510 N Dearborn St Chicago 10 Ill RICHKRAFT 65 Richkraft Co 510 N Dearborn

10 III St Chicago 10 III RICHTOME Lowe Bros 436 E 3rd St Dayton 2

Ohio **RIDGID PATTERN WHEELS** Collmer Bros 420 S St Joseph St South Bend 1 Ind **RIGID BEAM** Eastern Machine Prods Co 1601 Wicomico St Baltimore 30 Md **RIGID-TEX METAL** Rigidized Metals Corp 687 Ohio St Buffalo 3 NY

687 Ohio St Buffalo 3 NY RIPPLE-FIN-RIPPLE-TUBE McQuay Inc

RIPPLE-FIN-RIPPLE-TÜBE McQuay Inc 1600 Broadway N E Minneapolis Minn RIST-O-KRAT Acorn Mfg Co Mansfield Mass RITE-LOCK Adams Rite Mfg Co 540 W Chevy Chase Glendale 4 Calif RITE-ON-BLACK Sapolin Paints Inc 229 E 42nd St New York 17 NY RITE-ON-GREEN Sapolin Paints Inc 229 E 42nd St New York 17 NY RITE-PULL Adams Rite Mfg Co 540 W Chevy Chase Glendale 4 Calif RO-WAY Rowe Mfg Co 614 W Third St Galesburg III

Galesburg III ROBBINS FLAME SYSTEM Robbins Light-

ROBBINS LAY-TITE Robbins Flooring Co. Reed City Mich ROBCO TURNINGS Cooke Mfg Co Cooke

Place Orange Mass ROBOT Robot Appliances Inc 7041 Orchard Dearborn Mich ROCK CORK Johns-Manville Corp 22 East

40th St New York 16 NY ROCK-TEX Rockford Paint Mfg Co 200 Sayre

ROCK-TEX Rockford Paint Mfg Co 200 Sayre St Rockford III ROCK-TEX Jones & Brown Ine 439 Sixth Ave Pittaburgh 19 Pa ROCKET Concrete Transport Mixer Co 4985 Eyler Ave St Louis 9 Mo ROCKET Round (David) & Son Inc PO Box 883 Cleveland 22 Ohio 843 Cleveland 22 Ohio 91 Se KET 1000 Grant Pulley & Hardware Corp 91 Se KET 1000 Grant Pulley & Hardware Corp

ROCKET 1000 Grant Pulley & Hardware Corp 31-85 Whitestone Flushing 54 NY ROCKET MIXER Mar-Rail Conveyor Co 560 York Ave Pawtucket RI ROCKLATH United States Gypsum Co 300 W Adams 54 Chicago 6 Ill ROCOP Rome-Turney Radiator Co Canal St Deven W

Berkeley 10 Calif ROLL-EEZ Junior-Pro Products Co 118 Mar-ceau St St Louis 16 Mo ROLL-ON Wooster Brush Co 600 Madison Ave

Wooster O ROLL-OR-WHEEL Buschman (E W) Co Inc Clifton at Winton Cincinnati 32 Ohio ROLLA-HEAD Eastern Machine Prods Co 1601 Wicomico St Baltimore 30 Md ROLLAWAY Frantz Mfg Co 301 W 3rd St

ROLLAWAY Frantz Mig Co 301 W 3rd St Sterling III
ROLLMASTER Tamms Industries Inc 228 N La Salle St Chicago 1 III
ROLLTOP Curry Steel Products Co 417 S Spring Independence Mo
ROLLWELD Moore Dry Kiln Co 1220 W State St Jacksonville Fla
ROLLTITE CEMENT Mideontinent Adhesive Co 70 Sunshine Dr Grove City Ohio
ROLTDOOR Morrison Steel Products Inc 601 Amherst St Buffalo 7 NY
ROMAN Chatham Brick & Tile Co Inc Gulf NC

NC ROMANCRETE General Concrete Prods Inc 15025 Oxnard St Van Nuys Calif

ROMANY United States Ceramic Tile Co 217 Fourth St NE Canton 2 Ohio ROMEX General Cable Corp 420 Lexington Ave New York 17 NY

ROMEXUF General Cable Corp 420 Lexing, ton Ave New York 17 NY

ROOF-SHIELD Ensign Prods Co 3529 E 76th St Cleveland 5 Ohio

ROOFINSUL Johns-Manville Corp 22 East 40th St New York 16 NY ROOM MATES York Wall Paper Co 750 Linden Ave York Pa

ROOS COLUMN CLAMPS Baker Roos Inc 602 W McCarty St Indianapolis 6 Ind

ROOSHORS Baker Roos Inc 602 W McCarty St Indianapolis 6 Ind

ROPER DRY AIRE Roper (Geo D) Corp Blackhawk Park Ave Rockford Ill

ROT-STOP Rockford Paint Mfg Co 200 Sayre St Rockford Ill

AMERICAN BUILDER

ng Protection 124 East 2nd St Maryville

ROTARY Swartwout Co 18511 Euclid Ave Cleveland 12 Ohio ROTECIDE Rotenone Prods Co 110 Eaton Place

- ROTECIDE Ectenome Prods Co 110 Eaton Place East Orange NJ ROTO-GLO Pass & Seymour Inc 50 Boyd Ave Syracuse 9 NY ROTO SPEED PLANER Honeycutt Mfg Co Inc 2715 Oak St Kansas City 8 Mo ROTO STRIP Neo-Ray Products Inc 313-23 East 22nd St New York 10 NY ROTO-TRAY American Kitchens Div Aveo Mfg Corp 18th and Columbia Connersville Ind

- Mfg Corp 18th and Columbia Connersville Ind ROTO TROWELS Stow Manufacturing Co 443 State St Binghamton NY ROTO-WATTERS Sedgwick Machine Works 80 Elighth Av New York 11 NY ROTOWOOD Parkwood Corp 24 Water St Wakefield Maas ROX MASONRY PAINT Rox Products Co 9930 Freeland Detroit 27 Mich ROXBOARD National Tileboard Corp 1314 Blondell Ave New York 61 NY ROYAL Independent Metal Strap Co Inc 230 3rd St Brooklyn 15 NY ROYAL Sloan Valve Co 4300 W Lake St Chi-cago 24 Ill ROYAL Special Products Co Judd St Chattan-nooga 6 Tenn ROYAL Special Products Co Judd St Chattan-nooga 6 Tenn ROYAL EAGLE Eagle Rule Mfg Corp 510 Hunta Pt Ave New York 59 NY RUBR-COTA Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md RUBATEX INSULATION HARDBOARD Rubatez Div Great American Industries Eed-Rubatex INSULATION HARDBOARD Rubatex Div Great American Industries Bed-ford Va

RUBBERCOT Wilbur & Williams Co 130 Lincoln Boston Mass RUBBERCOTE Thomas Moulding Floor Co Inc 325 West Huron St Chicago 10 Ill RUBBERLIKE Bird & Son Inc 47 Wilson St East Walpole Mass RUBBERLOCK Mitchel Rubber Prods Inc 2114 San Fernando Los Angeles 65 Calif RUBBERSHIELD Verflex Sales Corp 115-157 Moonachie Carlstadt NJ RUGBY Standard Brick & Tile Corp 123 NW 4th St Evanaville 8 Ind RULTITE Consoweld Corp Wisconsin Rapids Wis

Wis RUNWELL Frantz Mfg Co 301 W 3rd St

RUNWELL Frantz Mfg Co 301 W 3rd St Sterling III RUSCO Russell (F C) Co 1100 Chester Ave Cleveland 1 Ohio RUST-NO-MORE Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md RUSTREM Speco Inc 7308 Associate Ave Cleveland 9 Ohio RUTLAND KEX Rutland Fire Clay Co Curtis Ave Rutland Fire Clay Co Curtis

RUTLAND KEX Rutland Fire Clay Co Curtis Ave Rutland Vt RUUD ALCOA ALLOY Ruud Mfg Co 2025 Factory St Kalamazoo 24 Mich RUUDATOR Ruud Mfg Co 2025 Factory St Kalamazoo 24 Mich RUUDIATOR Ruud Mfg Co 2025 Factory St Kalamazoo 24 Mich RYOLEX Silbrico Corp 5901 W 66th St Chi-cago 25 Ill

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SBP Berger Furnace Corp 4th & Main St Belle Vernon Pa
S-I-P Standard Industrial Products 1500 Park St Evansville 4 Ind
I B Barrett Div Allied Chemical & Dye Co 40 Rector St New York 6 NY
S-P Aerovent Fan Co Inc Ash and Beacon Sts Piqua Ohio
SP Service Parts Systems Inc 13380 E Nine Mile Reast Detroit Mich Fourth Ave New York 16 NY
S P SUPREME Southern Pine Lumber Co Diboll Texas

S P SUPREME Southern Pine Lumber Co Diboli Texas
 SABINITE United States Gypsum Co 300 W Adams St Chicago 6 Ill
 SACHEM Samson Cordage Works 470 Atlantic Av Booton 10 Mass
 SAFT-CUT Bay State Abrasive Products Co Union St Westboro Mass
 SAFT-HOT Hedges (M M) Mfg Co Inc 700 E Main St Chattanogga Tenn
 SAFT-LOCK Certain-Teed Products Corp 120 E Lancester Av Ardmore Ps

SAF-T-LOCK Certain-Teed Products Corp 120
 E Lancaster Av Ardmore Pa
 SAF-TE Wilson-Imperial Co 115 Chestnut St Newark 5 NJ
 SAFE-O-MATIC Crofoot Mfg Co 217 Ever-green Mt Prospect III
 SAFETECH Capewell Manufacturing Co 60
 Governor St Hartford 2 Conn
 SAFETY PULL Coffing Hoist Div Duff-Norton Co 800 Walters St Danville III
 SAFETY TRUCK BRAKE Advance Car Mover Inc 112 N Outagamie St Apoleton Wis

Inc 112 N Outsgamie St Appleton Wis SAFEWAY Logan-Long Co 6600 Z Central Ave Chicago 38 Ilel Products Inc 6228 W State St Milwaukee Wis

ST PAUL Saint Paul Corrugating Co S End Wabasha St St Paul 1 Minn

SAL-MO Sall Mountain Co Box 777 Hamilton Ohio

SALEM Johns-Manville Corp 22 East 40th St New York 16 NY

SALEM LINE Irmanton Products Inc 80-24 SALEM LINE Irmanton Products Inc 80-24 Trotting Course Glendale 27 NY SAMARA United States Plywood Corp 55 W 44th St New York 36 NY SAMCO Syracuse Alloy Metals Corp Case-novia Rd Manlius N Y SAMPSON Richbilt Manufacturing Co 3277

GAMPSON Richbilt Manufacturing Co 3277 Spring Grove Cincinnati 25 Ohio
 SAN-EQUIP Vega Industries Inc 1208 E Brighton Syracuse 5 NY
 SANACOUSTIC Johns-Manville Corp 22 East 40th St New York 16 NY
 SANATOR Pittsburgh Incinerator Co 130 Beam Way Pittsburgh 11 Pa
 SAND-0-FLEX Merit Prods Inc 4023 Irving Place Culver Citr Calif
 SAND-0-FLEX Merit Prods Inc 4023 Irving Place Culver Citr Calif
 SANDSTER Atlas Floor Surfacing Ma-chinery Co 248 East 34th St New York 16 NY

chinery Co 248 East 34th St New York 16 NY SANDRAN Sandura Company Inc 17th & Sansom St Philadelphia 3 Pa SANETTE Master Metal Prods Inc Box 95 Buffalo 5 NY SANI-CART American Conveyor Co 1115 W Adams Chicago 7 111 SANI-FLAT Moore (Benjamin) & Co 511 Canal St New York 13 N Y SANI-KLEEN Hudson (H D) Mfg Co 587-91 E Illinois Chicago 11 111 SANI-FLEEN Hudson (H D) Mfg Co 587-91 E Illinois Chicago 11 111 SANI-MASTER Raud Mfg Co 2025 Factory St Kalamazoo 24 Mich SANI-SETT Ever-Plastics Corp 420 Lexington Ave New York 17 N Y SANGVIK Sandvik Saw & Tool Div Sandvik Steel 1702 Warren St New York 7 N Y SARAN-LINED Dow Chemical Co 1000 Main St Midland Mich

St Midland Mich SATEEN Obrien Corp 101 N Johnson St South

SATEEN Obrien Corp 101 N Johnson St South Bend 21 Ind SATIN SPAR Certain-Teed Products Corp 120 E Lancaster Av Ardmore Pa SATINHIDE Pittsburgh Plate Glass Co 632 Fort Duquesne Pittsburgh 22 Pa SATINLAC United States Plywood Corp 55 W 44th St New York 36 N Y SATINOL Blue Ridge Glass Corp P O Box 631 Kingsport Tenn SATINTEX Seidlitz Paint & Varnish Co 18th & Garfield St Kanasa Citr V0 Mo

SATINTEX Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo SATINTONE Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo SATUROCK Carter Waters Corp 2440 Penn-way Kansas City 8 Mo SAV-A-SCREEN Farley & Loetscher Mfg Co Dubnous Is

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Elkhart Ind Slaymaker Lock Co 115 SW End Ave

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SCOUT 70 Shawnee Mfg Co Inc 1947 N Toroka Topeka Kans SCREEN-GLASS Flex-O-Ghass Inc 1100 N Cicero Ave Chicago 51 III SCREENMASTER - STANDARD Engineered Prods Co 129 Smith St Flint 3 Mich SCREW-TITE NAILS Independent Nail & Packing Co Stone St Bridgewater Mass SCRU-TITE Mastercraft Plastics Co Inc 95-01 150th St Jamaica 35 'N Y SCUF CHAMP Stocker Manufacturing Co Netcomer N J

Netcong N J SCUTL Scott (O M) & Sons Co Marysville

Ohio SEA SWIRL United States Plywood Corp 55 W 44th St New York 36 N Y SEAL-ALL ROOF CLIPS Seal-All Clip Co 4376 W Pasadena Flint Mich SEAL-ALL SHINGLE TAB ROOF Seal-All Clip Co 4376 W Pasadena Flint Mich SEAL-BOND Vita-Var Corp 10 Commerce Ct

Newark N J SEALCURE #66 Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa

SEAL-FOIL Sealtite Insulation Mfg Corp 115 Madison St Waukesha Wis

SEALGLAS Sealtite Insulation Mfg Corp 115 Madison St Waukesha Wis

SEAL GRIP Verflex Sales Corp 115-117 Moon-achie Carlstadt N J

SEALIT Sullivan Co (The) 212 E Trigg Mem-phis 2 Tenn

SEAL-LOCK Gold Seal Asphalt Roofing, Co P O Box 302 Chicago Heights Ill

SEAL-A-MATIC Superior Window Co 5300 N W 37th Ave Miami Fla

SEAL-O-MATIC Johns-Manville Corp 22 East 40th St New York 16 N Y

SEAL-PLY Vita-Var Corp 10 Commerce Ct Newark N J
 SEAL-TEC Verflex Sales Corp 115-117 Moon-achie Carlstadt N J
 SEALTIGHT Meadows (W R) Inc 2 Kimball

Elzin III SEAL TITE Grand Rapids Hardware Co 560 Eleventh St NW Grand Rapids 2 Mich SEAL-TITE Starline Inc 300 W Front St

SEAL-TITE Starline Inc 300 W Front St Harvard III SEALTITE Warnica Products 6416-18 S Ash-land Av Chicago S6 III SEAL-TREAT King Chemical Co 2342 S Laud-erdale Memphis Tenn SEALUXE Universal Corp 6710 Denton Dr

erolie Memphis Jenn SEALUXE Universal Corp 6710 Denton Dr Dallas Texas SEASON-ALL Prentice (F W) & Co 430 N Dean St Adrian Mich SEASON-MASTER McQuay Inc 1600 Broad-way N E Minneapolis Minn SECO Seco-Lite Mfg Co 4916 Easton Ave St Louis Mo SECRET SERVICE Master Lock Co 2600 N 32nd St Milwaukee 45 Wis SECTIONFOLD DOORS Wilson (J G) Corp 370 Lexington Ave New York 17 N Y SECURITE Blue Ridge Glass Corp P O Box 631 Kingsport Tenn SECURTY Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill SECURITY SIX Slaymaker Lock Co 115 SW End Ave Lancaster Pa SEDCON Sterling Electronic Door Corp 323 W 2nd St Rock Falls Ill SEELIX Guth (Edwin F) Co 2615 Washing-ton St Louis 3 Mo SEEP AL Rock-Tred Corp 7440 N St Louis Skokie Ill SEIRAKOTE Salby Bettenby & Co 5220

SEEP SEAL Rock-Tred Corp 7440 N St Louis Skokie III
SELBAKOTE Selby Battersby & Co 5220 Whitby Ave Philadelphia 43 Pa
SELBALLTH Selby Battersby & Co 5220 Whitby Ave Philadelphia 43 Pa
SELBATEX Selby Battersby & Co 5220 Whitby Ave Philadelphia 43 Pa
SELCKRAFT Selok (Walter E) & Co 223 West Hubbard Chicago 10 III
SELECTO-PHONE Kellogg Switchboard & Supply 79 W Monroe St Chicago 3 III
SELFCTONTAINED WEATHERMAKER Car-rier Corp 302 S Geddes St Syracuse 1 N Y
SEMINDE Chicago Paints Inc 4500 W 14th Chicago 23 III
SENCAR Sencea Wire & Mfg Co Vine St Fostoria Ohio
SENIOR Penetone Co The 74 Hudson Ave

Fostoria Ohio SENIOR Penetone Co The 74 Hudson Ave Tenafly N J SENTINEL Allied Metal Inc 14 Hamilton St

Tenafly N J SENTINEL Allied Metal Inc 14 Hamilton St New London Conn SENTINEL General Water Heater Corp 1 E Magnolia Blvd Burbank Calif SENTINEL Speakman Co 30th & Spruce Sta Wilmington 99 Del SENTRY DOOR SEAL Sentry Stop-A-Draft 715 St Clair Ave Cleveland 13 Ohio SENTRY STOP-A-DRAFT Sentry Stop-A-Draft 715 St Clair Ave Cleveland 13 Ohio SERVARET Hyde Park Products Co Burch Ave & N&WRR Cincinnati 8 Ohio SERVINET Myde Park Products Co Burch Ave & N&WRR Cincinnati 8 Ohio SERVINET Myde Park Products Co Burch Ave & N&WRR Cincinnati 8 Ohio SERVINE-MASTER McCabe Powers Auto Body Co 5900 N Broadway St Louis 15 Mo SERVICE-MASTER McCabe Powers Auto Body Co 5900 N Broadway St Louis 15 Mo SERVICE-WAY Heatilator Inc 1008 E Bright-on Av Syracuse 5 N Y ST-reze Mich SEVENTY Glen-Gery Shale Brick Corp Box 12 Wromissing Pa 75 HOUSE PAINT Obrien Corp 101 N Johnaon St South Bend 21 Ind 77 Palishe Paste & Chemical Co 3560 S

To HOUSE PAINT Obtion Corp 101 N Jonason
 St South Bend 21 Ind
 Reliable Paste & Chemical Co 3560 S
 Shields Ave Chicago 9 III
 SWERTITE Carey (Philip) Mfg Co 320 S
 Wayne Cincinnati 15 Ohio
 SHADE-BETTER Clifton Mfg Co 323 Pleasant
 Chicago Tartes

St E Waco Texas SHADE SCREEN Rudiger-Lang Co 2701-8th St Berkeley 10 Calif

St Berkeley 10 Calif SHAD-O-LINE Upson Co 43 Upson Pt Lockport N Y SHADOWEDGE Ruberoid Co 500 5th Ave

New York 35 N Y SHADOW-KOOL Pioneer-Flintkote Co Termi-nal Annex Box 2218 Los Angeles 54 Calif SHADOWLINE Long Fir Gutter Co 600 Dewey

SHADOWVENT SIDING Masonite Corp 111 W Washington Chicago 2 Ill

SHAKERTOWN Perma Products Co 20310 Kinsman Rd Cleveland 32 Ohio

SHALETEX Streator Brick Div Hydraulie Frees Brick Co 321 E Main St Streator III SHALIMAR Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio

SHAM-ROCK Masonry Waterproofing Co Inc Box 1061 North Sta Arlington 7 Va

SHARP SMITH Belsaw Machinery Co 315 Westport Rd Kansas City 11 Mo

SHARPS AUTOMATIC FRAMING SQUARE Sharps Mfg Co P O Box 332 Salem Ore

SHASTA Wooster Brush Co 600 Madison Ave Wooster O

SHASTETTE Wooster Brush Co 600 Madison

SHAW Quinn Wire & Iron Works 1200 Cedar

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SHAWNEE 62 Shawnee Mfg Co Inc 1947 N Topeka Topeka Kansas SHAWNEE HYDRO-CLAM Shawnee Mfg Co

Inc 1947 N Topeka Topeka Kansas SHAWNEE SCOUT DITCHER Shawnee Mfg Co Inc 1947 N Topeka Topeka Kansas

Inc 1947 N Topeka Topeka Kansas SHAWNEE SCOUT DITCHER Shawnee Mfg Co Inc 1947 N Topeka Topeka Kansas SHEDWELL Frantz Mfg Co 301 W 3rd St Sterling III SHEEIROCK United States Gypsum Co 300 W Adams St Chicago 6 III SHELBY Columbia-Geneva Div U S Steel Russ Bidg San Francisco 6 Calif SHELBY Bhelby Spring Hinge Co Shelby Ohio SHELLANE Shell Oil Co Inc 50 W 50th St New York 20 N Y SHELV-IT-ALL Hirsh (S A) Mfg Co 8051 N Central Pk Skokie III SHERARDUCT National Electric Products Corp 2 Gateway Center Pittsburgh 22 Pa SHERMAN FORK LIFT Sherman Products Inc 14 Mile & Coolidge Royal Oak Mich SHERARN POWER DIGGER Sherman Prod-ucts Inc 14 Mile & Coolidge Royal Oak Mich

Mich SHIELDALL Youngstown Industries Inc 710 S State St Girard O SHINGLE-SEAL Dewatex Mfg Corp 424 W 42nd St New York 36 N Y SHINGLSTIK Old American Roofing Mills 7600 Truman Rd Kanasas City Mo SHINGLSTIK Old American Roofing Mills Div Ruberoid Corp 500 Fifth Ave New York 36 NY

36 NX SHINO Pioneer Mfg Co 3053 E 87th St Cleve-

SHINO Pioneer Mfg Co 3053 E 87th St Cleveland 4 Ohio
SHOPSMITH Montgomery Ward & Co 618 W Chicago Chicago 7 Ill
SHOVELAIRE C & H Air Conditioning Fan Co 1591-1623 Dekalh Atlanta Ga
SHOVELOADER Baker Lull Corp 314 W 90th St Minneanolia Minn
SHOWERL Schwartz Showell Corp 842 Goodale Elud Columbus 8 Ohio
SHOWERMASTER Harrison Steel Cabinet Co 2612-26 N Martha Philadelphia 25 Pa
SHOWER-PROOF Calbar Paint & Varnish Co 2612-26 N Martha Philadelphia 25 Pa
SHOWERLE Hirrison (S A) Mfg Co 8051 N Central Park Skokie Ill
SHOE DGE ROBEON CULERY CO Inc 3646 Case St Perry NY
SHURE BOND UNIT SYSTEM Goldsmith Metal Lath Co 4501 Chickering Cincinnati Ohio

Metal Lath Co 4501 Chickering Cincinnati Ohio SHURLOK Pass & Seymour Inc 50 Boyd Ave Syrncuse 9 NY SHURLOK Metallon Prods Inc 2050 E 48th St Los Angeles SC calif SHURON FLOOR Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 Ill SHUR-TRED Johnson (S C) & Co Inc 1525 Howe St Racine Wis SI-CLONE Simonds Saw & Steel Co 470 Main St Fitchburg Mass SIERRA Fiat Metal Mfg Co 9301 W Belmont Ave Franklin Park Ill SIGNUTERES Commonwealth Paint & Var-nish Co 4124 W Parker Ave Chicago 39 III SIGUNTESIka Chemical Corp 35 Gregory Ave Passaie NJ SIKACRETE Sika Chemical Corp 35 Gregory

SIGUNIT Sika Chemical Corp 35 Gregory Ave Passaic NJ
 SIKACRETE Sika Chemical Corp 35 Gregory Ave Passaic NJ
 SIKA KOTE Sika Chemical Corp 35 Gregory Ave Passaic NJ
 SIKA RFC Sika Chemical Corp 35 Gregory Ave Passaic NJ
 SIKA SEAL Sika Chemical Corp 35 Gregory Ave Passaic NJ
 SIKA SEAL Sika Chemical Corp 35 Gregory Ave Passaic NJ
 SILACOT American Asbestos Prods Co 8000 Franklin Blvd Cleveland Ohio
 SILAKOE Weatherguard Service Inc 564 Jackson Ave New York 55 NY
 SILATEX Stanley (William W) Co Inc 401 Broadway New York 13 N Y
 SILATEX Tamma Industries Inc 228 N La-Saile St Chicago I III
 SIL-CARB Clover Mfg Co 327 Main St Nor-walk Con

SIL-CARB Clover Mfg Co 327 Main St Nor-walk Conn SILENDOR Weisberg-Baer Co 4-05 26th Ave Long Island City 2 NY SILENT GLIDE Weatherproof Prods Corp Waldo Station Box 8498 Kansas City 5 Mo SILENTVANE Westinghouse Electric Corp PO Box 868 Pittsburgh 30 Pa SILICONIZ Lockrey Co Southampton NY SILICONIZ Lockrey Co Southa

SILVERCOTE DUPLEX Silvercote Prods Inc.

SILVERCOTE DUPLEX Silvercote Prods Inc 161 E Frie Chicago III SILVERCOTE SIMPLEX Silvercote Prods Inc 161 E Erie Chicago III SILVER ENE Seidlitz Paint & Varnish Co 18th & Garfield St Kanasa City 10 Mo SILVER LINE Union Machine Co 708 Colfax Ave Kenilworth NJ SILVER SENTINEL Slaymaker Lock Co 115 SW End Ave Lancaster Pa SILVERTILE Cheeseman-Elliot Co Inc 645 Kent Ave Brooklyn 11 NY SIMPLEX Ironer Div of Speed Queen Corp Algonquin III

SIMPLEX Mansfield Sanitary Pottery Inc. Perrysville Ohio

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SIMPLEX Templeton Kenly & Co Gardner Rd Broadview III
SIMPLEX FOLDING STAIRWAY Precision Parts Corp 400 N First St Nashville 7 Tenn SIMPLEX FOLDING STAIRWAY Precision Parts Corp 400 N First St Nashville 7 Tenn SIMPSON Coast Insulating Proda 2316 San Fernando Los Angeles 65 Calif
SISALKRAFT American Sisalkraft Corp 55 Starkey Ave Attleboro Mass
SISALKRAFT American Sisalkraft Corp 55 Starkey Ave Attleboro Mass
SISALKRAFT American Sisalkraft Corp 55 Starkey Ave Attleboro Mass
SITE-SAVER International Lighting Co 6511 Easton Ave St Louis 14 Mo
#633 TILE ADHESIVE Tamma Industries Inc 228 N La Salle St Chicago 38 III
Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY
SKID-LOADER Drott Mfg Corp 3841 W Wis-consin Milwaukee 8 Wis
SKID-SHOVEL Drott Mfg Corp 3841 W Wis-consin Milwaukee 8 Wis
SKIPPER Astrup Co 2937 W 25th St Cleve-land 13 Ohio
SKIPPER Fist Metal Mfg Co 9301 W Bel-mont Ave Franklin Park III
SKUFPRUF Richkraft Co 510 N Dearborn St Chicago 18 III
SKUFPRUF Richkraft Co 510 N Dearborn St Chicago 10 III
SKYLIKE Silvray Lighting Inc 100 West Main St Bund Brook NJ
SKYTROL Pittaburgh Corning Corp 1 Gate-way Center Fittaburgh 2 Pa
SLATEKOTE Jonna-Manville Corp 22 E 40th St New York 16 NY
SLOCK-SPRAY Busch (A G) & Co Inc 2632 N Centan Ave Chicago 26 III

SLENDER Dunkirk Radiator Corp 85 Middle Rd Dunkirk NY SLICK-SPRAY Busch (A G) & Co Inc 2632 N Central Ave Chicago 39 III SLIDE-A-FOLD Craig Wood Prods Co Bren-nan Rd Columbus Ga SLIDETOP Curry Steel Prods Co 417 S Spring Independence Mo SLIDE-O-RAMIC Wisco Aluminum Corp 3945 A St Detroit Mich

Independence Mo
 SLIDE-O-RAMIC Wisco Aluminum Corp 3945 A St Detroit Mich
 SLIDE-O-RAMIC Wisco Aluminum Corp 3945 A St Detroit Mich
 SLIMFOLD American Steel Door Co 11148 Harper Ave Detroit 13 Mich
 SLIMFOLD American Steel Door Co 11148
 Harper Ave Detroit 13 Mich
 SLIMEUX Guth (Edwin F) Co 2615 Washington St Louis 3 Mo
 Clay Tobal State Aluminum Policies
 SLIMPSTONE General Concrete Prods Inc
 15025 Oxnard St Van Nuya Calif
 SMART SET DELUXE Consolidated General Prod Ine FO Box 7425 Houston Texas
 SMITH & EGGE Turner & Seymour Mig Co Lawton St Torrington Conn
 SMITHKO Smith Chemical & Color Co 55 John St Brooklyn 1 N Y
 SMITHMOBILE Smith (T L) Co 2835 N 32nd St Milwaukee Wis
 SMOOTHGRAIN Johns-Manville Corp 22 E 40th St New York 16 NY
 SMOOTHLITE Insulite Co Minnesota & On-tario Paper Co 500 Investora Bidg Minne-apolis 2 Minn
 SMOOTHLEN Clover Mig Co 327 Main St Norwalk Conn

Norvalk Conn SNAPICALK Seal Rite Caulking Co 17300 Wyoming Ave Detroit Mich SNAPICOLL Wiremold Co Hartford 10 Conn SNAP-ON Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn SNO-BREEZE Palmer Mfg Co 2200 W Fill-

SNO-BREEZE Paimer mig Co 2200 w Filt-more Phoenix Aris SNO-GO Doran Chemical Corp 5415-19 St John Ave Kanasa City 11 Mo SNOW DRIFT United States Gypsum Co 300 W Adams St Chicago 6 III

SNOW WHITE Tamma Industries Inc 228 N La Salle St Chicago 1 Ill

SNOWITE Continental Chemical Co 841 Du-commun St Los Angeles 12 Calif SNUG FIT Paine Co 7 Westgate Rd Addison

111 SNUGGERS Casement Hardware Co 612 N

Michigan Ave Chicago 11 Ill

SNUG-TITE Engineered Prods Co 129 Smith St Flint 3 Mich SODIUM

ODIUM NITRITE Solvay Process-Allied Chemical & Dye Co 61 Broadway New York 6 NY

BOFAMATIC American Bed & Spring Co 5255 Delmar St St Louis Mo SO HARD SCREWS Southington Hardware Mfg Co 168 Center St Southington Conn

SOLAR SHADES Superior Window Co 5300 NW 37th Ave Miami Fla

SOLEX Pittsburgh Plate Glass Co 632 Fort Duquesne Pittsburgh 22 Pa

SOLIDEX Pratt & Lambert Inc 75 Tona-wanda St Buffalo 7 NY

SOLIDOR Farley & Loetscher Mfg Co Du-Iowa SOLUTAX Hayes Adhesives Co Inc Union Blvd at Brown St Louis 15 Mo SOLVAY AIR-DRYETTE Solvay Process-Allied Chemical & Dye Corp 61 Broadway New York 6 NY SONOAIRDUCT Sonoco Prods Construction

Proda Construction

New York 6 NY SONOAIRBUCT Sonoco Prods Construction Prods Div South St Hartsville SC SONOAIRBUCTEP Sonoco Prods Construction Prods Div South St Hartsville SC SONOLASTIC Sonneborn & Sons Bldg Prods 404 Fourth Ave New York 18 NY SONOMEND Sonneborn & Sons Bldg Prods 404 Fourth Ave New York 18 NY SONOPACH Sonneborn & Sons Bldg Prods 404 Fourth Ave New York 18 NY SONOPACH Sonneborn & Sons Bldg Prods 404 Fourth Ave New York 18 NY SONOBLEEN Sonneborn & Sons Bldg Prods 404 Fourth Ave New York 18 NY SONOTHES Sonoc Prods Construction Prods Div South St Hartsville SC SOUNDELT Puget Sound Plywood Co 230 E F St Tacoma Wash SOUTHERN BRAND Southern Lumber Co

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DIV South St Hartsville SC SOUNDBLIT Fuget Sound Plywood Co 230 E F St Tacoma Wash SOUTHERN BRAND Southern Lumber Co PO Box 510 Warren Ark SOUTHEATE Puritan Cordage Mills Inc 1205 Washington St Louisville 6 Ky SOVEREIGN Speed-O-Print Corp 1801 W Larchmont Chicago 13 III SPACE KLIPS Reflector Hdwe Corp 2245 S Western Ave Chicago 8 III SPACE MASTER Reflector Hdwe Corp 2245 S Western Ave Chicago 8 III SPACE MASTER Areme National Refrigeration Co 29 24 40th Ave Long Island City NY SPACEMASTER Lewis-Shepard Prods Inc 1556 Walnut St Watertown 72 Mass SPACEMASTER New Castle Prods Inc Box 363 New Castle Ind SPACE-SAVER Mengel Co 4th & Colorado Louisville 1 Ky

363 New Castle Ind
SPACE-SAVER Mengel Co 4th & Colorado Louisville 1 Ky
SPACE-SAVER International Homes Inc 3896 Mahoning Ave Youngstown Ohio
SPAKE-SAVER International Homes Inc 228 N La Salle St Chicago 1 Ill
SPANGLEAM Spang-Chalfant Div National Supply PO Box 416 Pittsburgh 30 Pa
SPANGLEAM Spang-Chalfant Div National Supply PO Box 416 Pittsburgh 30 Pa
SPANJER 8 Spanjer Brothers Inc 1160 N Howe Chicago 10 Ill
SPARCLIN Commonwealth Paint & Varnish Co 4124 W Parker Ave Chicago 29 Ill
SPARTAN Mansfield Sanitary Pottery Inc Perrysville Ohio
SPARTAN Parker (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY
SPA-SAVER Acme National Refrigeration Co 29-24 40th Ave Long Island City NY
SPECIFICATION Barrett Div Allied Chemical & Dye Co 40 Rector St New York 6 NY
SPECTRIM Pittsburgh Plate Glass Co 632 For Duquesne Pittsburgh 22 Pa
SPECTRO-MATIC TINTING SYSTEM Rock-ford Paint Mfg Co 200 Sayre St Rockford Ill

SPECIAD-BAILC HART SISTEM ROCKARD
 TOT PAINT M'S SISTEM ROCKARD
 SPECIAD-MATIC WOOD TONES Rockford
 SPECIBORY Acme Quality Paints Ine 8250
 St Aubin Ave Detroit 11 Mich
 SPEE-DE Dalton M's Co 20 S Central 'Ave
 St Louis 5 Mo
 SPEED E Datton M's Co 20 S Central 'Ave
 St Louis 5 Mo
 SPEED E Datton M's Co 20 S Central 'Ave
 St Louis 5 Mo
 SPEED E Datton M's Co 20 S Central 'Ave
 STEED E Datton M's Co 20 S Central 'Ave
 STEED Speedway M's Div Thor Power Tool
 Co 1834 S S2nd Ave Cleero 50 II
 SPEED ENT'S Tinnerman Prods Ine Dept 16
 PO 6688 Cleveland 1 Ohio
 SPEED E PRINTER Peck & Harvey 5650
 N Western Ave Chicago III
 SPEED-BAILt Hollaender M's Co 3841 Spring
 Grove Cincinnati 23 Ohio
 SPEEDE KIMAT Addressograph-Multigraph
 Corp 1200 Babbitt Rd Cleveland 17 Ohio
 SPEEDEK Mobile Paint M's Co 70 Box
 1686 Mobile Ala
 SPEEDEATERS Westinghouse Air Cond Div

SPEEDECK Mobile Paint Mfg Co PO Box 1686 Mobile Ala
 SPEEDHEATERS Westinghouse Air Cond Div Box 510 Staunton Va
 SPEEDH-GLU White Adhesives Co 2 Har-rington St Newtonville Mass
 SPEEDMOUNT Bell Electric Co 1844 W 21st St Chicago 8 III
 SPEEDMUL Lockwood Hardware Mfg Co 1950 Cleghorn St Fitchburg Mass
 SPEEDSTER Hyde Mfg Co Eastford & Clem-ence Southbridge Mass
 SPEEDTILE Rockford Brick & Tile Co Rock-ford Iowa

ford Iowa SPEEDWAY Wright Hoist Div American Chain Co York Pa SPEEDY SPRAYERS Brown (W R) Corp 2701 N Normandy Ave Chicago 35 III

SPENCER Lycoming Spencer Heater Div Avco Mfg Corp Williamsport Pa SPINDRIER Easy Washing Machine Div Mur-ray Corp Solar & Spencer Sts Syracuse 1 NY

SPINTEX Johns-Manville Corp 22 E 40th St New York 16 NY

SPIRAFLEX Caldwell Mfg Co # Commercial St Rochester 14 NY

SPIRAL Maze (W H) Co Church St & River Peru Ill

SPIRALATOR AUTOMATIC WASHER Easy Washing Machine Div Murray Corp Solar & Spencer Ste Syracuse 1 NY

AMERICAN BUILDER

SPIREX Caldwell Mfg Co 68 Commercial St Rochester 14 NY SPIROLOC Universal Form Clamp Co 1238 N Kostner Ave Chicago 51 III SPLASH VALLEY Tennison Bros Inc 450 N Bellevue Memphia 1 Tenn SPOT Samson Cordage Works 470 Atlantic Ave Boston 10 Mass SPOTAIRE Drayson-Hanson Div. National US Radiator Corp 3301 Medford St Los An-reles 63 Colif

- Radiator Corp 3301 Medford St Los An-geles 63 Calif SPOTTY Curtis Lighting Inc 6135 W 65th St

Chicago 38 III SPANDRELITE Pittsburgh Plate Glass Co 632 Fort Dauesne Blvd Pittsburgh 22 Pa SPRAY-ACOUSTIC Sprayo-Flake Co 2727 W Irving Park Chicago III SPRAY-COTE Sprayo-Flake Co 2727 W Irving Park Chicago III SPRAYCRAFT Smith & Kanzler Co East Lin-

SPKAYCKAFT Smith & Kanzler Co East Lin-den Ave Linden NJ SPRAYIT Electric Sprayit Thomas Industries 1415 Illinois Ave Sheboygan Wis SPRAY MIX Melnor Metal Prods Co Inc 10-40 45th Ave Long Island City NY SPRAY-SEAL Sprayo-Flake Co 2127 W Irving

SPKAY-SEAL Sprayo-Flake Co 2727 w revius Park Chicago III SPRAYSHIELD Lehman Sprayshield Co 3355 York Rd Philadelphia 40 Pa SPREAD-EASY Debs Decorators 701 S Shore Dr Madison 5 Wis SPRING LOCK Tilley (John S) Ladders Co Inc 112 Second St Watervliet NY SPRING-TITE Weatherproof Prods Corp Waldo Station Box 8498 Kansas City 5 Mo SPRING WING Paine Co 7 Westgate Rd Addian III

SPRING WING Paine Co 7 Westgate Rd Addison III
 SQUARE GEE Grabler Mfg Co 6565 Broad-way Cleveland 5 Ohio
 SQUAREHED NAILS Independent Nail & Packing Co Stone St Bridgewater Mass
 SQUARE SQUIRT Melnor Metal Prods Co Inc 10-40 45th Ave Long Island City NY
 STA-DRI MASONRY PAINT American Sta-Dri Co 4102 41st St Brentwood Md
 STA-JCH MASONRY PAINT American Sta-Dri Co 4102 41st St Brentwood Md
 STA-DRI MASONRY PAINT American Sta-Dri Co 4102 41st St Brentwood Md
 STA-LOK Federal Pacific Electric Co 50 Paris St Newark 1 NJ
 STABELTE Horn (A C) Co Inc 252 Town-send St San Francisco Calif
 STAINHOLD Cheeseman-Elliot Co Inc 645 Kent Ave Brooklyn 11 NY

- STAINHOLD Cheesseman-Elliot Co Inc 645 Kent Ave Brooklyn 11 NY STAIR-CHAIRS Sedgwick Machine Works 80 Eighth Ave New York 11 NY STAIR-FAN Huntington Industries Inc 2368 Prospect St Memphis Tenn STAIR-TRAVELORS Sedgwick Machine Works of Elekth Aven York 11 Work 10
- STAIR-TRAVELORS Sedgwick Machine Works 80 Eighth Ave New York 11 NY STAKMASTER Stacor Equipment Co 768 E New York Ave Brooklyn 3 NY STALLPACK Carthage Marble Corp Box 612 Carthage Mo STAND-ALL Simonds Saw & Steel Co 470 Main Street Fitchburg Mass STAND-ALL Simonds Saw & Steel Co 470 Main Street Fitchburg Mass STAND-ALL Simonds Saw & Steel Co 470 Main Street Fitchburg Mass STAND-ALL Simonds Saw & Steel Co 470 Main Street Fitchburg Mass STAND-ALL Simonds Saw & Steel Co 470 Main Street Fitchburg Mass STAND-ALL Simonds Saw & Steel Co 470 Main Street Fitchburg Mass STAND-ALL Simonds Saw & Steel Co 470 Main Street Fitchburg Mass STANDARD Harris Preble Fire Doors Inc 4608 W 20th St Chicago 50 III STANDARD Shelby Metal Prods Co PO Box 525 Shelby Ohio

- 525 Shelby Ohio STANDARD CORK TILE Dodge Cork Co Inc

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- STANDARD CORR TILE Donge COR Corne 23 Laurel St Lancaster Pa STANDARD ELECTRIC FAN Standard Elec-tric Mfg Co Ine Haddon Ave W Berlin NJ STANDARD-FLUSH DOOR Hardwood Prods Corp PO Box 191 Neenah Wis STANDARD PRESDWOOD Masonite Corp 111 W Weibington Chengen 9
- STANDARD PRESDWOOD Masonite Corp 111 W Washington Chicago 2 111 STANDARDS Standard Paste & Glue Co Inc 3620 W 38th St Chicago 32 111 STANTEX Stanley (William W) Co Inc 401 Brondway New York 13 NY STAINTOX Abesto Mfg Corp 131 Wabash St Michigan City Ind STAPLECRAFT Acme Staple Co 1643 Haddon Ave Camden 3 NJ STAR Acrovent Fabricators Inc Ash & Ben-ton Sts Piqua Ohio STAR Clemson Bros Inc Cottage St Middle-town NY

- STAR Clemson Bros Inc Cottage St Mindle-town NY STAR Richbilt Mfg Co 3277 Spring Grove Cincinnati 25 Ohio STAR CLOSIN Star Expansion Bolt Co 142 Liberty St New York NY STAR DRVVIN HAMMERDRIVE Star Ex-pansion Bolt Co 142 Liberty St New York
- NY STAR GLASDRILL Star Expansion Bolt Co 142 Liberty St New York NY STAR-HAMRFLUTE Star Expansion Bolt Co 142 Liberty St New York NY STAR-LITE Bestile Mfg Co PO Box 71 On-tario Calif
- STAR RAND Turner & Seymour Mfg Co Law-ton St Torrington Conn
- STAR ROTRTWIST Star Expansion Bolt Co 142 Liberty St New York NY
- STAR SPRINGIN Star Expansion Bolt Co 142 Liberty St New York NY
- STAR THREADED SOCKETS Star Expansion Bolt Co 142 Liberty St New York NY
- STARALUM ALCLAD Hanover Wire Cloth Div Continental Copper 1945 Continental Hanover Pa
  - STARANIZED Hanover Wire Cloth Div Conti-nental Copper 1945 Continental Hanover Pa

APRIL 1956

- STAZON Plastic Prods Co 6473 Georgia Ave Detroit 11 Mich STEAROLITH Master Builders Co 7016 Euc-lid Ave Cleveland 3 Ohio STEEL-FASHIONED Walters Mfg Co 140 Pennsylvania Oakmont Pa STEELBINDER Gerrard (A J) & Co 1950 Hawthorne Sq Melrose Park III STEELTEX Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa STEEP-SLOPE Bennett-Ireland Inc 23 State St Norwich NY
- St Norwich NY STEP SAVER Schenck (William) & Co Evans
- City Pa STERBON Sterling Grinding Wheel Co 1430 Wall St Tiffin 3 Ohio STERFAST Sterling Grinding Wheel Co 1430 Wall St Tiffin 3 Ohio STERGLAZE Sterling Paint & Varnish Co 184 Commercial St Malden 48 Mass STERILAMPS Westinghouse Electric Corp

- STERILAMPS Westinghouse Electric Corp Lamp Div Bloomfield NJ STERLING Sterling-Freeland Industries 4701 N Western Ave Chicago 25 Ill STERLING Waldorf Heater Co 1421 Chestnut St Dhidolphia & Paater Co 1421 Chestnut
- St Philadelphia 2 Pa STERLING Warren-Knight Co 136 N 12th St
- Philadelphia 7 Pa STERLING GLYDEAWAY Sterling-Freeland Industries 4701 N Western Ave Chicago 25

- Industries 4701 N Western Ave Chicago 25 III STERLITH Sterling Grinding Wheel Co 1430 Wall St Tiffin 3 Ohio STERMOUNT Sterling Grinding Wheel Co 1430 Wall St Tiffin 3 Ohio STIL-WITE Moore (Benjamin) & Co 511 Canal St New York 13 NY STILEMANOR Russell & Erwin Div American Hdw 102 Washington New Britain Conn STILES Bridgewater Brick Co Spring St E Bridgewater Mass STOKER-VEYOR American Conveyor Co 1115 W Adams Chicago 7 III STOKEL Chicago Stoker Corp PO Box 458 Wheeling III STONEL PRI Sapolin Paints Inc 229 E 42nd St

- STOKOL Chicago Stoker Corp FO BOX 400 Wheeling III
   STONE-DRI Sapolin Paints Inc 229 E 42nd St New York 17 NY
   STON-DRI Sapolin Paints Inc 229 E 42nd St New York 17 NY
   STONEFIL Thomas Moulding Floor Co Inc 225 West Huron St Chicago 10 III
   STONEWALL BOARD Old American Roofing Mills 7600 Truman Rd Kansas City Mo STONEWALL BOARD Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
   STONEWALL BOARD Ruberoid Co 500 5th Ave New York 36 NY

- STONEWALL BOARD Ruberoid Co 500 5th Ave New York 36 NY STOP GAP Sapolin Paints Inc 229 E 42nd St New York 17 NY STOP 11 Tamms Industries Inc 228 N La Salle St Chicago 1 Ill STOP NFLO Melnor Metal Prods Co Inc 10-40 45th Ave Long Island City NY STOP-RUST PP Stop-Rust Co (The) Box 2054 Chattanooga 9 Tenn STOP.RUST 700 Stop-Rust Co (The) Box 2054 Chattanooga 9 Tenn STORAGK American Steel & Iron Works 5800 and S Lowe Chicago 21 Ill STORMGUARD Maze (W H) Co 200 Church St & River Peru 9 Ill STORMSEAL Gardner Wire Co 1325 S Cicero Chicago 50 Ill
- 50 III
- Chicago 50 Ill STORM KING Chicago Paints Inc 4500 W 14th Chicago 23 Ill
- STORMTIGHT Sonneborn & Sons Bldg Prods 404 Fourth Ave New York 16 NY
- STOWAWAYS Orchard Bros Inc 63 Meadow Rd Rutherford NJ
- STRADDLE TRUCK Hyster Co 2902 NE Clackamas Portland 8 Ore
- STRANOSTEEL FRAMING Stran-Steel Corp Div National Steel Corp Ecorse Detroit 29 Div Miela
- STRAN-STEEL FRAMING Stran-Steel Unit of National Steel Corp Great Lakes Steel Detroit 29 Mich
- STRAND Detroit Steel Prod Co 2250 E Grand Blvd Detroit 11 Mich
- STRAPBINDER Gerrard (A J) & Co 1950 Hawthorne Sq Melrose Park Ill
- STREAM-LINE Rotary Clothes Dryer Co Inc 840 Lawrence St Allentown Pa
- STREAMLINE Mueller Brass Co 1925 Lapeer Ave Port Huron Mich

- STREAMLINER Ferguson (Harry J) Co 141 Weat Ave Jenkintown Pa STRIPEX Burbank Electrical Prods Burbank
- STRIPEX Burbank Electrical Prods Burbank Calif
   STRONG-ARM HOISTS Wood (Gar) Indus-tries Inc Michigan Blvd Wayne Mich
   STRONG BOY Master Lock Co 2600 N 32nd St MölWaukee 45 Wis
   STRONGBARN Granite City Steel Co 20th & Madison Granite City III
   STRONGHOLD Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
   STRONGHOLD TAILS Independent Nail & Packing Co Stone St Bridgewater Mass
   STRONGAN Southern Galvanizing Co 1620 Bush St AB Baltimore 30 Md
   STRUCIGLAS International Molded Plastics 4387 W 35th St Cleveland 9 Ohio
   STRUCIFLIFE United States Gypsum Co 300 W Adams St Chicago 6 III
   STUBBY Holly Mig Co 875 Arroyo Pkwy Pasadena 2 Calif

- STÜBBY Holly Mfg Co 87a Arroyo Kaw, Pasadena 2 Calif STUCCO GRIP Verflex Sales Corp 115-117 Moonachie Carlstadt NJ STUD JACKS Superior Scaffold Co 5624 Bank-field Ave Culver City Calif STUD-PAK US Mineral Wool Co Stanhope

NJ STURDIWOOD Exiner (Alexander) Co Mer-chandise Mart Chicago 54 III STURDY Calder Mfg Co 630 N Prince St Lancaster 12 Pa STYLINE Toledo Desk & Fixture Co 1020 Ford Rd Maumee Ohio STYROFOAM Corson (G&W H) Inc Plym-

outh Meeting Pa STYROFOAM Dow Chemical Co 1000 Main St Midland Mich SUBURBAN Ruberoid Co 500 5th Ave New York 36 NY SUDDEN DEPTH Paine Co 7 Westgate Rd

Addison Ill SULCO Sullivan Co (The) 212 E Trigg Mem-

SULCO Sullivan Co (The) 212 E Trigg Mem-phis 2 Tenn SUN-BURST Delta Heating Corp 1 Cole St. Trenton 8 NJ SUNFLOWER Certain-Teed Products Corp 120 E Lancaster Ave Ardmore Pa SUN FUEL-MASTER Patten (J V) Co 550 Dekabh Ave Sycamore III SUN-PROOF Pittsburgh Plate Glass Co 632 Event Drougene Büttsburgh Plate Glass Co 632

SUN-PROOF Pittsburgh Plate Glass Co 632 Fort Duquesne Pittsburgh 22 Pa SUNRAY The Sunray Stove Co 155 S San-dusky N Delaware Ohio SUNRAY FABRICS Peerless Mfg Co Inc 2100 N Eleventh St Reading Pa SUN-SASH Sun Sash Co 38 Park Row New York 38 NY SUN-SEAL Sun Sash Co 38 Park Row New York 38 NY SUN-SEAL Sance Co 13-55 Bradford St Geneva NY

St Geneva NY SUN SHEEN Standard Industrial Prods 1500

SUN SHEEN Standard Industrial Proda 1500 Park St Evansville 4 Ind SUNTILE Cambridge Tile Mfg Co Box 71 Cincinnati 15 Ohio SUPER CHIEF Chicago Paints Inc 4500 W 14th Chicago 23 Ill SUPER CLEANSER Solvay Process-Allied Chemical & Dye Co 61 Broadway New York 6 NY

6 NY SUPER-DUTY Harris Preble Fire Doors Inc 4608 W 20th St Chicago 50 Ill SUPER-FINE L-O-F Glass Fibers Company 1810 Madison Ave Toledo 1 Ohio SUPER-HARBORD Harbor Plywood Corp Box

940 Aberdeen Waa Acme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich 8UPER KEM-TONE Acme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich 8UPER KOVERWALL Standard-Toch Chem-icals Inc 2600 Richmond Ter Staten Island

SUPER MEZURALL Lufkin Rule Co 1730 Hess Ave Saginaw Mich SUPER SANITAS Standard Coated Prods Inc

SUPER SANITAS Standard Coated Prods Inc Buchanan NY SUPER SAW RCS Tool Corp 220 N Broadway Joliet III SUPER SEAL Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY SUPER SHOKLESS Kneisley Electric Co 2501-9 LaGrange St Toledo 3 Ohio SUPER SLUGGER Tempo Prods Co 2075 E 65th St Cleveland 3 Ohio SUPER STEEL Union Steel Chest Corp 54 Church St Le Roy NY SUPER T Tork Clock Co Inc 1 Grove St Mt Vernon NY

SUPER-TITE United States Gypsum Co 300 W Adams St Chicago 6 Ill

SUPER WEATHER-TIGHT Evans Pipe Co 23 Newport Ave Uhrichsville Ohio

SUPERAIRE General Water Heater Corp 1 E Magnolia Blvd Burbank Calif

SUPERCEDAR Brown (George C) & Co Inc 1730 W Lee St Greensboro NC

SUPERCEL Reardon Co 7501 Page Ave St Louis 14 Mo

SUPEREX Johns-Manville Corp 22 E 40th St New York 16 NY

SUPERFAN Queen Stove Works Inc 505 Front St Albert Lea Minn

SUPERFAST Superior (Fastener) Corp 2949 Elston Ave Chicago 18 Ill

SUPERFLAME Queen Stove Works Inc 505 Front St Albert Lea Minn

G25

SUPERIOR Grand Rapids Hardware Co 560 Eleventh St NW Grand Rapids 2 Mich SUPERIOR Jones Superior Machine Co 1270 W North Ave Chicago 22 Ill SUPERIOR Round (David) & Son Inc PO Box 883 Cleveland 22 Ohio SUPERIOR Vulcan Metal Prods 2801 6th Ave

SUPROCO Tuffalt ine 137 Bausman ot Free-burgh 10 Pa SURE GRIP Melnor Metal Prods Co Inc 10-40 45th Ave Long Island City NY SURE GRIP Samson Cordage Works 470 At-Iantic Ave Boston 10 Mass SURE GRIP Tuck Mfg Co 74 Ames St Brock-

SURE GRIP Tuck Mig Co 14 Anes Co Joint ton 39 Mass SUREBOND American Asbestos Prods Co 8000 Franklin Blvd Cleveland Ohio SUREKRETE American Asbestos Prods Co 8000 Franklin Blvd Cleveland Ohio SUREMASTIC Camp Chemical Co Inc 170 Second Ave Brooklyn 15 NY SUREMASTIC Camp Co Inc 6958 S State

SUREMASTIC Camp Co Inc 6958 S State Chicago 21 Ill SURE PRIME Jaeger Machine Co 500 W Spring St Columbus 16 Ohio SURFCO ROCK Surface Protection Co 16799 Euclid Ave Cleveland 12 Ohio SURFCO SILASEAL Surface Protection Co 16799 Euclid Ave Cleveland 12 Ohio SURFCO SHIELD Surface Protection Co 16799 Euclid Ave Cleveland 12 Ohio SURFCO SHIELD Surface Protection Co 16799 Euclid Ave Cleveland 12 Ohio SURFCE Pass & Seymour Inc 50 Boyd Ave Syracuse 9 NY SURFLANK United States Plywood Corp

Syrange 9 NY SURPPLANK United States Plywood Corp 55 W 44th St New York 36 NY SURFWOOD United States Plywood Corp 55 W 44th St New York 36 NY SURFWOOD United States Plywood Corp Shasta Div PO Box 1688 Redding Calif SURFWOOD United States Plywood Corp 55 W 44th St New York 38 NY SWAN Lehman Sprayshield Co 3355 York Rd Philadobhia 40 Pa

SWAN Lehman Sprayshield Co 3399 IOFR Bu Philadelphia 40 Pa SWANSON SPEED SQUARE Swanson Tool Co 9113 S 53rd Ave Oak Lawn Ill SWARTWOUT DEXTER Swartwout Co 18511 Euclid Ave Cleveland 12 Ohio SWEEPOLENE Thomas Moulding Floor Co Inc 325 W Huron St Chicago 10 Ill SWEET HOME Oregon Plywood Corp Oak St Sweet Home Ore

SWEET HOME Oregon Plywood Corp Oak St Sweet Home Ore
SWINGIN SPRAY Melnor Metal Prods Co Inc 10-40 45th Ave Long Island City NY
SYLVA-PLY MacMillan & Bloedel Ltd 837 Hastings St Vancouver BC Canada
SYLVANOID Pennwoven Inc 70 E 45th St New York 17 NY
SYRALL Syracuae Alloy Metals Corp Case-novia Rd Manlius NY
SYRALL Standard Brick & Tile Corp 123 NW 4th St Evansville & Inic Corp 123 NW 4th St Evansville & Syracuse 1 NY
SYSTEM WEATHERMAKER Carrier Corp 302 S Geddes St Syracuse 1 NY
SYSTEMAT Addressograph-Multigraph Corp 1200 Babbitt Rd Cleveland 17 Ohio

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TDL Penetone Co (The) 74 Hudson Ave Tenafly NJ T.V.P. Tamms Industries Inc 228 N La Salle St Chicago 1 Ill

St Chicago 1 III T-CHORD Haven Busch Co 519 Front Ave NW Grand Rapids 4 Mich TA-PER-TAPE Marvan Corp PO Box 219 West Hartford Conn TABLE-CABLE Buschman (E W) Co Inc Clifton at Winton Cincinnati 32 Ohio TACK-IT Obrien Corp 101 N Johnson St South Bend 21 Ind TACK-O-MATIC Crofoot Mfg Co 217 Ever-green Mt Prospect III

TAINTOR Smith (Seymour) & Son Oakville

TAMCO Tamms Industries Inc 228 N La Salle St Chicago 1 Ill

TAM COTE Tamms Industries Inc 228 N La Salle St Chicago 1 Ill

TAMPA McPherson Inc 4603 W Osborne Ave Tampa 3 Fla

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TAMTEX Tamma Industries Inc 228 N La Salle St Chicago 1 III.
 TAPCO Triangle Aluminum Prods Inc 3552 NW 50th St Miami Fia
 TAPER Capitol Prods Co 1839 S Main Box 351 Jacksonville III
 TARGET Evans (Robert G) Co 7204 Wyandotte Kansas City 14 Mo
 TAR-ROK Barrett Div Allied Chemical & Dye Co 40 Rector St New York 6 NY
 TAYLOR MADE Taylor Bedding Mfg Co Taylor Texas

lor Texas TEBCO Evans Brick Co 23 Newport Ave Uhrichaville Ohio TECHNAMATIC Capewell Mfg Co 60 Gover-nor St Hartford 2 Conn

nor St Hartford 2 Conn TECHNITE Capewell Mig Co 60 Governor St Hartford 2 Conn TECO Timber Engineering Co 1319 18th St NW Washington # DC

Washington # DC TECTUM R Tectum Corp 105 S Sixth Newark

Onio TEE-COR DOORS Morgan Co 520 Oregon St Oshkosh Wis TEEL Grainger (W W) Inc 118 S Oakley Blvd

TEEL Grainger (W W) Inc 118 S Oakley Blvd Chicago 12 Ill TEGCO Metallon Prods Inc 2050 E 48th St Los Angeles 58 Calif TEKWOOD United States Plywood Corp 55 W 44th St New York 36 NY TELETALK Webster Electric Co 1900 Clark St Racine Wis TEL-0-POST Brainard Steel Div Sharon Steel Griswold St Warren Ohio TEMLITE Consolidated General Prods Inc PO Box 7425 Houston Texes

TEMLITE Consolidated General Prods Ine PO Box 7425 Houston Texas TEMPACRETE Fort Pitt Chemical Co 26th & Smallman Sts Pittsburgh 22 Pa TEMPERED DUOLUX Masonite Corp 111 W Washington Chicago 2 III TEMPERED PRESSWOOD Masonite Corp 111

W Washington Chicago 2 Ill TEMPLE Southern Pine Lumber Co Diboll

Texas TEMPRTILE Masonite Corp 111 W Washing-ton Chicago 2 Ill TENKOTE American Asbestos Products Co 8000 Franklin Blvd Cleveland Ohio TENNANT HAND REVO-TOOL Tennant (G H) Co 2566 N Second St Minneapolis Mint

10 H) CO 2000 P GEORG & Iron Div US Minn TENNESEAL Tennessee Coal & Iron Div US Steel PO Box 599 Fairfield Ala TENNESSEE VARIEGATED Turner Bros Stone Co PO Box 27 Crossville Tenn TENNQUARTZ Tennessee Stone Co Inc 705 Broadway NE Knosville 17 Tenn TENSION TITE Rudiger-Lang Co 2701-8th St Eucleave 10 Calif

TENSION TITE Rudiger-Lang Co Z701-8th St Berkeley 10 Calif TERALITE Chase Brass & Copper Co Inc 236 Grand St Waterbury 20 Conn TERMI-SHIELD Tennison Bros Inc 450 N Bellevue Memphis 1 Tenn TERNE-TILE Tach Fast Mfg Co Longconing

TERRA-LIFT American Tractor Corp Terra

TERRA-LIFT American Tractor Corp Terra Drive Churubusco Ind TERRACRETE General Concrete Prods Inc 15025 Oxnard St Van Nuys Calif TERRAFLEX Johns-Manville Corp 22 E 40th St New York 16 NY TERRALOADR American Tractor Corp Terra Drive Churubusco Ind TERRAC American Tractor Corp Terra

Drive Churubusco Ind TERRATRAC American Tractor Corp Terra Drive Churubusco Ind TEXCUTTER Texas Foundries Inc PO Box 180

Texas

Lufkin Texas TEX-TAB Ruberoid Co 500 5th Ave New York

TEX-IAB Ruberola Co but and Ave New York 35 NY TEXOLITE United States Gypsum Co 300 W Adams St Chicago 6 Ill TEXTOLITE General Electric Co 1 Plastics Ave Pittafield Mass TEXTONE United States Gypsum Co 300 W Adams St Chicago 6 Ill TEXTONE V-4 Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio TEXTUR-SEAL Tamms Industries Inc 228 N La Salle St Chicago 1 Ill TEXTURE ONE-ELEVEN Puget Sound Ply-wood Co 230 East F St Tacoma Wash TEX-VIT Texas Vitrified Pipe Co Box 111 Mineral Wells Texas THAT BETTER KIND Nashotah Moulding & Mfg Co Nashotah Wis

Mfg Co Nashotah Wis THE KNIGHT Knight Mfg Co 2930 5 Wash-ington Coging With ington Saginaw Mich THE NATIONS BUILDING STONE Woolery

Stone Co Ine PO Box 49 Bloomington Ind THERMADOR Thermador Electric Mfg Co 5119 District Blvd Los Angeles 22 Calif THERMO-BASE Gerwin Industries 214 Spring

Michigan City Ind THERMOBESTOS Johns-Manville Corp 22 E 40th St New York 16 NY

THERMOGLARE Unexcelled Chemical Corp 350 Fifth Ave New York 1 NY THERMO-GRIP Ideal Industries Inc 1335 Park

THERMOKOTE Ct Newark NJ Vita-Var Corp 10 Commerce

THERMOLAIRE Birmingham Stove & Range Co PO Box 2593 Birmingham 2 Ala

THERMO-PAD Wood Conversion Co 1st Natl Bank Bldg St Paul 1 Minn

THERMOPANE Libbey-Owens-Ford Glass Co 608 Madison St Toledo 3 Ohio

THERM-O-PANEL Ohio Plate Glass Co 305 Morris St Toledo 4 Ohio THERMO-SASH Kesko Prods Inc PO Box 98

Bristol Ind THERMOSEAL Russell (F C) Co 1100 Chester

Ave Cleveland 1 Ohio THERMO-VENT Damp-Vent Co 210-17th St Box 203 Bettendorf Iowa THICK BUTT Ruberoid Co 500 5th Ave New York 36 NY

Wick BOTT Ruberon Co 500 5th Ave New York 36 NY
THILCO Thilmany Pulp & Paper Co Thilmany Rd Kaukauna Wis
3 C Columbia Southern Chemical Corp 1 Gateway Center Pittsburgh 22 Pa
3 M BRAND Minnesota Mining & Mfg Co 900 Fauquier Ave St Paul 6 Minn
3D-INSELUM Jones & Brown Inc 439 Sixth Ave Pittsburgh 19 Pa
3-IN-ONE Boyle-Midway Inc 22 E 40th St New York 16 NY
3-IN-ONE Sabin Machine Co 6536 Carnegie Ave Cleveland 3 Ohio

3-IN-ONE Sabin Machine Co 6536 Carnegie Ave Cleveland 3 Ohio
 369 CANVAS PRESERVER Ensign Prods Co 3529 E 76th St Cleveland 5 Ohio
 38 Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY
 #33 COMPOUND Armstrong Co 1001 E 103rd

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THRIF-T-WA Roach & Musser Co Muscatine Iowa THRIFY Vento Steel Prods Co Inc 250 Colo-rado Ave Buffalo 15 NY THULMAN Chinney Sales Corp National Bank Bidg Fredericksburg Va TiGER Kelley Island Co 1132 Leader Bidg Cleveland 14 Ohio TiGER BAND Columbia-Geneva Div US Steel Russ Bidg San Francisco 6 Calif TiGER BAND Columbia-Geneva Div US Steel Russ Bidg San Francisco 6 Calif TiGER BAND Achumerican Steel & Wire 1420 Rockefeller Cleveland 13 Ohio TiGER BAND American Steel & Wire 1420 Rockefeller Cleveland 13 Ohio TiGER BAND American Steel & Wire 1420 Rockefeller Cleveland 13 Ohio TiGER BAND American Steel & Wire 1420 Rockefeller Cleveland 13 Ohio TiGER BAND American Steel & Wire 1420 Rockefeller Cleveland 13 Ohio TiGER GRAND Tennessee Coal & Iron Div US Steel PO Box 599 Fairfield Ala TiGER GRIP Consumers Glue Co 1515 Hadley St Leuis 6 Mo TiGER CHY NC TILEKO Tilette Cement Co Inc 401 Lafayette St New York & NY TILEMASTER Tilemaster Corp 1415-21 Diver-ay Park Chicago 14 III

TILEMASTER Tilemaster Corp 1415-21 Diver-sy Park Chicago 14 III TILE-TEX Flintkote Co 1232 McKinley Ave Chicago Heights III TILE-TITE Barrett Div Allied Chemical & Dye Co 40 Rector St New York 6 NY TILON Ever-Plastics Corp 420 Lexington Ave New York 17 NY TILT Safety Window Hardware Corp 121-127 30th St Brooklyn 32 NY TIMBERLOCK Kees (F D) Mfg Co 700 Park Ave Rearrice Neh

Ave Beatrice Neb TIMBERTOX Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo TIMBERTOX-WOODTOX Wood Treating Chemicals Co 5137 Southwest Ave St Louis TIMBERTOX-WOODTOX Wood Treating Chemicals Co 5137 Southwest Ave St Louis

TIME-SAVER Speakman Co 30th & Spruce Sts Del Wilmington 99 Del TIMELY PLANNER Timely Products Co Box 416 Basil Ohio TIMKEN SILENT AUTOMATIC Scaife Co Div Timken Silent Automatic 26 Ann St Oak-

Timken Silent Automatic 26 Ann St Oak-mont Pa TIN-O-LIN Calbar Paint & Varnish Co 2612-26 N Martha Philadelphia 25 Pa TINY TOT Extension Drawer Support Co 2319 W Washington Los Angeles 18 Calif TITE-LOCK Old American Roofing Mills 7600 Truman Rd Kansas City Mo TITE-LOK Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY TITE-ON Ruberoid Co 500 5th Ave New York 36 NY

36 NY TITIAN Color-Craft Prods Inc 5035 Belleville Detroit 11 Mich **TOLEX** Textileather Div General Tire & Rub-ber Toledo 3 Ohio

ber Toledo 3 Ohio TOMAHAWK True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio

TOMB Barrett Div Allied Chemical & Dye Co 40 Rector St New York 6 NY TOMMY AXE True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio

TOOTHPICK Tilley (John S) Ladders Co Inc 112 Second St Watervliet NY

TOP-FLIGHT Mengel Co 4th & Colorado Louis-

TOPPER A.C. SWITCHES Hubbell (Harvey) Inc State & Bostwick Bridgeport 5 Conn TOPS-ALL Sterling-Freeland Industries 4701 N Western Ave Chicago 25 Ill

AMERICAN BUILDER

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TOPSEAL FASTENER Fabricated Prods Co TORFIDOR Trane Co 3rd & Cameron La

TORREDOR Trane Co 3rd & Cameron La Crosse Wis TOTRUST Wilbur & Williams Co 130 Lincoln Brighton 35 Boston Mass TOUCH-PLATE Touch Plate Mfg Corp FO Box 1970 Long Beach 1 Calif TOWERMOBILE Mixermobile Manufacturers 8027 NE Killingsworth Portland 20 Ore TRACEMASTER Stacor Equipment Co 768 E New York Ave Brooklyn 8 NY TRACTOR DONKEY Hyster Co 2902 NE Clackamus Portland 8 Ore TRADESMAN Woodenware Prods Corp 122 N 7th St St Louis 1 Mo TRADESMASTER Tipp Mfg Co N Fourth St Tipp City Ohio

Tipp City Ohio TRADITIONAL Gerber Plumbing Fixtures 232

N Clark St Chicago 1 11 **TRAFFIC** Johnson (S C) & Co Inc 1525 Howe St Racine Wis **TRAFFIC-COTE** Johnson (S C) & Co Inc 1525

HARFIC-CUTE Johnson (S C) & Co Inc 1825 Howe St Racine Wis TRAILMOBILE Trailmobile Co 31st & Robert-son Cincinnati 9 Ohio TRANSCRETE Construction Machinery Co 420 Vintom St Waterloo Iowa TRANSEAL Spray-O-Bond Co 2225 N Hum-

TRANSCRETE Construction Machinery Co 420 Vinton St Waterioo Iowa
TRANSEAL Spray-O-Bond Co 2225 N Hum-bold Milwauke 12 Wis
TRANSTEI Johns-Manville Corp 22 East 40th St New York 16 NY
TRANSITONE Johns-Manville Corp 22 E 40th St New York 16 NY
TRANSITOP Johns-Manville Corp 22 E 40th St New York 16 NY
TRANSITOP Johns-Manville Corp 22 E 40th St New York 16 NY
TRANSITOP Johns-Manville Corp 22 E 40th St New York 16 NY
TRANSITOP Johns-Manville Corp 22 E 40th St New York 16 NY
TRANSLOT Cannelton Ind
TRANSLOT Cannelton Ind
TRANSLOT Concrete Transport Mixer Co 4985 Fyler Ave St Louis 9 Mo
TRANSPORTER Automatic Transportation Co 101 W 7th Chicago 20 III
TRANSTACKER Automatic Transportation Co 101 W 7th Chicago 20 III
TRANSTACKER Automatic Transportation Co 101 W 7th Chicago 20 III
TRANSTACKER Automatic Transportation Co 101 W 7th Chicago 20 III
TRANSTRACTOR Automatic Transportation Co 101 W 7th Chicago 20 III
TRANSWALL Bemis Bros Bag Co 408 Pine St Box 7 St Louis 2 Mo
TREADSURE Horn (A C) Co Ine 252 Town-send St San Francisco Calif
TREASURE ISLE Midwest Jobbers Ine 3300 008 Racine Chicago 8 III
TREDON Sapolin Paints Ine 229 E 42nd St New York 17 NY
TREE TANGLEFOOT Tanglefoot Co 314 Straigt Ave SW Grand Rapids Mich
TREMLUX Tremco Mfg Co 8701 Kinsman Rd Clevelan Obio
TRENFLEX Trenton Pipe Nipple Co 626 Brunswick Ave Trenton NJ
TRI-CLAD Gen Electric Co/Apparatus Sales 1 River Road Schenetady 5 NY
TRIG-R-HEAT Wall (P) Mfg Co 200 Erie St Grove City Pa
TRI-LOK Dravo Corp Machinery Div Dravo Bldg Pittaburch 22 Pa

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TRIG-R-HEAT Wall (P) Mfg Co 200 Erie St Grove City Pa
TRI-LOK Dravo Corp Machinery Div Dravo Bldg Pittsburgh 22 Pa
TRILINE Calder Mfg Co 630 N Prince St Lancaster 12 Pa
TRILIC Rockwood Sprinkler Co 38 Harlow St Worcester 5 Maas
TRIMIK Sonneborn & Sons Bldg Prods 404 Fourth Ave New York 16 NY
TRIM-KI Firpine Prods Co PO Box 188 Oswego Ore
TRIMRAD Koven & Bro Inc 154 Ogden Ave Jersey City 7 NJ
TRIMRAD Katerfilm Boilers Inc 36-40 New York Ave Jersey City NJ
TRIM Z United Wallpaper Inc PO Box 348 Aurora III

Aurora Ill TRION Trion Inc 1000 Island Ave McKees

Rock Pa **TRIPLAC** Standard Industrial Prods 1500 Park St Evansville 4 Ind **TRIPL-AIRE Hart &** Cooley Mfg Co 500 E 8th St Holland Mich **St Holland Mich** Ave New York 17 NY Model Pack Co 2 Gate

TRIPL-TITE National Metal Prods Co 2 Gate-way Center Pittsburgh 22 Pa Corp

TRIPLE SEAL Weatherproof Prods Co Waldo Station Box 8498 Kansas City 5 Mo TRIPLELIFE FINISH Franklin Research Co 5134 Lancaster Ave Philadelphia 31 Pa

TRIWAY US Expansion Bolt Co 500 State St. Vork Pa

TROJAN Buschman (E W) Co Inc Clifton at Winton Cincinnati 32 Ohio

TROJAN Chesler (J) & Sons Inc 41-49 Varick Ave Brooklyn 37 NY

TROJAN Parker Mfg Co 149 Washington St Worcester Mass TROJAN Standard Mfg Co 220 E 4th Cedar

Iowa

TROJAN Tilley (John S) Ladders Co Inc 112 Second St Watervliet NY

TROPHY Birge Co Inc 390 Niagara St Buffalo

1 NY **TROUBLE SAVER** Patent Scaffolding Co (The) 38-21 12th St Long Island 1 NY **TROUBLE SAVER** Steel Scaffolding Co 856 Humbold St Brooklyn 22 NY **TROUGH BELT** New London Engineering Co 1700 Division St New London Wis **TRU-FLECT** Binswanger & Co 207 N Main St

Houston 1 Texas TRU-FORM Boice Crane Co 930 W Central

Houston 1 Texas TAU-FORM Boice Crane Co 930 W Central Ave Toledo 6 Ohio TRU-FORM Boice Crane Co 930 W Central Ave Toledo 6 Ohio TRU GRAIN United States Plywood Corp 55 W 44th St New York 36 NY TRU GROVE Western Saw Mfrs Inc 1842 W Washington Los Angeles 7 Calif TRU-SEAL Tru-Seal Window Industrial Ma-chine Tool 301 S Oak St Fenton Mich TRUMEULITE Trumbul Components De-partment General Electric Plainville Conn TRUSCON Devoce & Raynolds Co Inc 401 W Main St Louisville 2 Ky RUSEEL United States Gypsum Co 300 W Adams St Chicago 6 III TRU-SU Barrett Div Allied Chemical & Dye Co 40 Rector St New York 6 NY Centerline Mich TUB-KOYE Keller Prods Inc 3099 Vine Ct Cleveland 13 Ohio TUB-KOYE Keller Prods Inc 3090 NW 37th Ave Miami Fla TUFFOR Courtland Grinding Wheels Corp 1 HUMING St Chester Mass TUF-FLEX Miller Falls Co 57 Wells St Green-field Mass

TUFFLEA miller raim to or the field Mass TUFFLEX DOORS Libbey-Owens-Ford Glass Co 608 Madison St Toledo 3 Ohio TUFFLEX PLATE GLASS Libbey-Owens-Ford Glass Co 608 Madison St Toledo 3 Ohio TUF-TITE Certain-Teed Products Corp 120 E

TUF-TITE Certain-Teed Products Corp 120 E Lancaster Ave Ardmore Pa TUFCAST Certain-Teed Products Corp 120 E Lancaster Ave Ardmore Pa TUFCRETE APS Tuferete Co Inc 552 Teach-out Bild Des Moines 9 Iowa TUFCRETE RESURFACER Tuferete Co Inc

TUFURETE RESURFACER Tuferete Co Inc 552 Teachout Bidg Des Moines 9 Iowa TUFDECK Tuferete Co Inc 552 Teachout Bidg Des Moines 9 Iowa TUFDENSE Tuferete Co Inc 552 Teachout Bidg

Des Moines 9 Iowa TUFF-BOND Moore (Goodloe E) Inc PO Box

846 Danville III TUFF-TEX Tile-Tex Div Flintkote Co 1232 Mc-Kinley Ave Chicago Heights III TUFF-TRED Moore (Goodloe E) Inc PO Box

846 Danville III TUFF-WELD Moore (Goodlee E) Inc PO Box 846 Danville III TUFF-WELD Moore (Goodlee E) Inc PO Box 846 Danville III TUFFDECK Tuffalt Inc 137 Bausman St Pitts-

burgh 10 Pa TUFFLEX Servicised Prods Corp 6051 W 65th

St Chicago 38 Ill TUFFKLAY Tuffak Inc 137 Bausman St Pitts-burgh 10 Pa TUFFLOOR Tuffak Inc 137 Bausman St Pitts-

burgh 10 Pa TUFFSEAL Tuffalt Inc 137 Bausman St Pitts-burgh 10 Pa TUFFY Beneke Corp Box 271 Columbus Miss TUFFY Beneke Corp Box 271 Columbus Miss TUFSEAL Tuferete Co Inc 552 Teachout Bidg

TUFSEAL Tuferete Co Inc 552 Teachout Bldg Des Moines 9 Iowa TUFTITE Tuferete Co Inc 552 Teachout Bldg Des Moines 9 Iowa TUFTOP Tuferete Co Inc 552 Teachout Bldg Des Moines 9 Iowa TUGIT Shaw-Box Manning Maxwell & Moore Inc 414 Broadway Muskegon Mich TUNGSEAL McCloskey Varnish Co 7600 State Rd Philadelphia 36 Pa TURBO-BASE Uno Ventilator Co 1236 Eastern Ave Malden 48 Mass TURF BUILDER Scott (O M) & Sons Co Maryaville Ohio

Marysville Obio TURNER Turner Brass Works 821 Park Ave Sycamore III TURNLOK Pass & Seymour Inc 50 Boyd Ave

FORNLOR Fass & Seymour inc ou Boyd Ave Syracuse 9 NY TWIN ANCHOR Manhattan Terrazzo Brass Strip PO Boz 187 Norwalk Conn TWIN LIGHT-N-HEAT Electrigias Corp New-bridge & Windsor Bergenfield NJ TWIN LOCK Bird & Son Inc 47 Wilson St East Walpole Mass

East Walpole Mass TWIN ROLLER McKee Door Co 85 Hankes Ave Aurora III TWIN SET Extension Drawer Support Co 2319

W Washington Los Angeles 18 Calif TWIN TRIM Consoweld Corporation Wisconsin

Rapids Wis TWIN-SLIDE Standard Building Products Co 621 McDonald Ave Brooklyn 18 NY TWINDOW Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa TWINDOWELD Pittsburgh Plate Glass Co 632 Fort Duquesne Pittsburgh 22 Pa

TWINSTILE Schacht Associates Inc 1175 E 156th St New York 59 NY

TWIST Edwards Co Inc Post Hill Rd Norwalk

TWISTLOCK Hubbell (Harvey) Inc State & Bostwick Bridgeport 5 Conn

TWISTTIGHT Hubbell (Harvey) Inc State & Bostwick Bridgeport 5 Conn

TWISTYE Universal Form Clamp Co 1238 N Kostner Ave Chicago 51 Ill

TYLALUX Tylac Co Greely & High Sts Monticello Ill TYLASTYL Tylac Co Greely & High Sta Mon-

TYLATONE Tylac Co Greely & High Sts Mon-

TYLE-BORD Colotyle Tyle-Bord Inc 975 John

TYLE-BORD Colotyle Tyle-Bord Inc 975 John St Seattle 9 Wash TYLER-AIRLINE Tyler Refrigeration Corp Lake St Niles Mich TYLOK ANKORS Tennison Bros Inc 450 N Bellevue Memphis 1 Tenn TYPE SAFETY M. I. General Cable Corp 420 Lexington Ave New York 17 NY TYTE-SEAL Weatherguard Service Inc 564 Jackson Ave New York 55 NY

Castle Pa URC Utica Radiator Corp 2201 Dwyer Ave Utica 2 NY US AIR CO United States Air Conditioning Como Ave SE at 33 Minneapolis Minn U S S NATIONAL National Tube Div US Steel Corp 525 William Penn Pittsburgh 30

Pa Pa USS SHELBY National Tube Div US Steel Corp 525 William Penn Pittsburgh 30 Pa U TUBE Handley-Brown Heater Co 2101 Brooklyn Rd Jackson Mich UARCO Uarco Inc Inc 5000 S California Chi-

UARCO Uarco Inc Inc 5000 B Cantorna cago 32 III ULTRONIC Overhead Door Corp PRR & Kickapoo St Hartford City Ind UNDERCOAT American Sta-Dri Co 4102 41st St Brentwood Md UNDULATILE Mosaic Tile Co 1949 Pershing Ave Zanesville Ohio UNI-BILT Vega Industries Inc 1208 E Bright-on Syncuse 5 NY

on Syracuse 5 NY UNI-FORM Universal Form Clamp Go 1288 N Kostner Ave Chicago 51 Ill UNI-POINT American Woodworking Machin-ery Co 100 Liberty St Hacketstown NJ UNI-ROL Farley & Loetscher Mfg Oo Du-

UNI-ROL Farley & Loetscher Mig Oo Du-buque Iowa UNILINE Pass & Seymour Inc 50 Boyd Ave Syracuse 9 NY UNISHEARS Stanley Electric Tools 400 Myrtle St New Britain Conn UNIT ARCH Starline Inc 300 W Front St

st New Britain Conn UNIT ARCH Statline Inc 300 W Front St Harvard III UNIT DECK Unit Structures Inc Peshtigo Wis UNIT SYSTEM ARCH Starline Inc 300 W Front St Harvard III UNITOP United States Plywood Corp 55 W 44th St New York 36 NY UNITRANE Trane Company 3rd & Cameron La Crosse Wis UNIVERSAL Buschman (E W) Co Inc Clifton at Winton Cincinnai 32 Ohio UNIVERSAL Buschman (E W) Co Inc Clifton at Winton Cincinnai 32 Ohio UNIVERSAL Cribben & Sexton Co 700 N Sacramento Chicago 12 III UNIVERSAL Chibben States Control Control UNIVERSAL Combon-Manville Corp 22 East 40th St New York 16 NY UNIVERSAL Landers Frary & Clark Center St New Britain Conn UNO-BLOCK Uno Ventilator Co 1236 Eastern Ave Malden 48 Mass UNO-VENTURETTE Uno Ventilator Co 1236 Eastern Ave Malden 48 Mass UNNUE Yawkey-Bissell Hardwood Flooring Co White Lake Wis UPSON ALL-WEATHER Upson Co 43 Upson Pt Lockport NY

Pt Lockport NY UPSON BOARD Upson Co 43 Upson Pt Lockport NY UPSON KOLORPINS Upson Co 43 Upson Pt Lockport NY UPSON KUVER-KRAK Upson Co 43 Upson

Pt Lockport NY UPSON STRIATED Upson Co 43 Upson Pt Lockport NY UPSON STRONG-BILT Upson Co 43 Upson Pt

Lockport NY USE US Expansion Bolt Co 500 State St

York Pa UTICA Utica Radiator Corp 2201 Dwyer Ave

Utica 2 NY UTIL-O-MATIC Crofoot Mfg Co 217 Evergreen

UTIL-O-MATIC Crofoot Mfg Co 217 Evergreen Mt Prospect III
UTILATRE Berger Furnace Corp 4th & Main St Belle Vernon Pa UTILCO Union Steel Chest Corp 54 Church St Le Roy NY
UTILLTY Arex Co 612 N Michigan Ave Chicago 11 III
UTILLTY Chesler (J) & Sons Inc 41-49 Varick Ave Brooklyn 37 NY

V-PLANK United States Plywood Corp 55 W 44th St New York 36 NY

VACOL INVISIBLE Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky 1010 E 10th St Owensooro Ry VACOL Vent Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky VACU-BREAK Bullog Electric Prods Co 7610 Joseph Campau Detroit 32 Mich

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# U U/R Universal-Rundle Corp Box 960 New

- VACU-CORE DOOR Weisberg-Baer Co 4-05 26th Ave Long Island City 2 NY VAMPCO Mueller Brass Co 1925 Lapeer Ave Port Huron Mich VANPCO Valley Metal Prods Co Bridge St Plainwell Mich VANACO CUPRAFACE E Van Noorden Co 100 Magazine St Boston 19 Mass VANCO CUPRAFACE E Van Noorden Co 100 Magazine St Boston 19 Mass VANCO PLEXIGLAS DOMELITE E Van Noorden Co 100 Magazine St Boston 19 Mass VANCO PLEXIGLAS DOMELITE E Van Noorden Co 100 Besk & Fixture Co 1020 Ford Rd Maumee Ohio VANITY Mansfield Sanitary Pottery Inc Perrysville Ohio VAPEX Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY VARIS-POT Curtis Lighting Inc 6135 W 65th St Chicago 38 III VARIS-PT Fiint & Walling Mfg Co Inc 95 Oak St Kendallville Ind VARIS-F Fint & Wallinger Inc PO Box 348 Aurora III VARIS-MANDROOF Varlar Div-United

- VARLAR United Wallpaper Inc PO Box 348 Aurora III VARLAR STAINPROOF Varlar Div-United Wallpaper 6154 Merchandise Mart Chicago
- 54 III VATU American Rust Proof Co 302 Butler St Brooklyn NY VEL-GLO Wethrill (George D) & Co Inc I13 Arch St Philadelphia 6 Pa VEL-KOTE Wethrill (George D) & Co Inc I13 Arch St Philadelphia 6 Pa VEL-LUSTRE Wethrill (George D) & Co Inc I13 Arch St Philadelphia 6 Pa VEL-LUSTRE Wethrill (George D) & Co Inc I13 Arch St Philadelphia 6 Pa 54 III VATU

- VELATONE Mobile Faint Marg Co FO Box 1686 Mobile Ala VELITE Mobile Paint Mfg Co FO Box 1686 Mobile Ala VELOCITY FOWER DRIVER Velocity Power Tool Co 201 N Braddock Ave Pittsburgh 8
- Pa VELV-O-CAP Crofoot Mfg Co 217 Evergreen Mt Prospect III VELVET McMinnville Mfg Co PO Box 151

- VELVET McMinnville Mfg Co PO Box 151 McMinnville Tenn VELVETEX Mosaic Tile Co 1949 Pershing Ave Zanesville Ohio VELVETONE Globe Paint Works Inc PO Box 36 Williamsport 5 Pa VEN-TROL Grand Rapids Hardware Co 560 Eleventh St NW Grand Rapids 2 Mich VEN-TROL-HINGES Grand Rapids Hardware Co 560 Eleventh St NW Grand Rapids 2 Mich
- VEN-TROL-HINGES and Repuss 1 Arta
   VEN-TROL-HINGES Grand Rapids Hardware Co 560 Eleventh St NW Grand Rapids 2
   Mich
   VENETIAN-SCREEN Flex-O-Glass Inc 1100 N Cleero Ave Chicago 51 II
   VENI-FLEX Consolidated General Prod Inc PO Box 7425 Houston Texas
   VENI-FLEX Consolidated General Prod Inc PO Box 7425 Houston Texas
   VENI-SHADE Consolidated General Prod Inc PO Box 7425 Houston Texas
   VENKO Koven & Bro Inc 154 Ogden Ave Jeraey City 7 NJ
   VENKO Waterfilm Boilers Inc 36-40 New York Ave Jersey City NJ
   VENT-AIR National Screen Co Inc Madison Ave Extend Suffolk Va
   VENTAMATIC Angel Novelty Co 340 Broad St Fitchburg Mass
   VENTLOCK Ventilite Vent-Lock Inc 7301 NE Minni Ct Minni Fla
   VEOS Porcelain Enamel Prods Corp Bay State Rd Rehoboth Mass
   VER-A-SIL Verflex Sales Corp 115-117 Moo-nachie Carlstadt NJ
   VER-A-SPRAY Verflex Sales Corp 115-117 Moo-nachie Carlstadt NJ
   VERI-LUX Verflex Sales Corp 115-117 Moo-nachie Carlstadt NJ
   VERLY Twin City Hardwood Lumber Co 309 N Cleveland Ave St Paul 14 Minn
   VERMinen NE Minnenpolis Minn
   VERMI-DRA Verontown Mfg Co Inc 338 W Lincoln Ave Mt Veron NY
   VERSA-LUX Currits Lighting Inc 6135 W 65th St Chicago 38 II
   VERSA-LUX Curtis Lighting Inc 6135 W 65th St Chicago 38 II
   VERSA-LUX Everlex Machine Co Ins Wating St Henniker Machine Co Ins Wathen St Henniker NM Schine Co Ins Wathen St Henniker NM Schine Co Ins Wathen Ron

- ville Ohio
- VESTA Athens Stove Works Inc Hicks St
- Athens Tenn Athens Tenn VIBRA-LOCK Williams Form Engineering Corp 1501 Marison Ave Grand Rapids Mich VIBRA-STOP Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 III VIBRO-GRAVER Burgess Vibroerafters Inc Grayslake III
- VIBRO-SPRAYER Burgess Vibrocrafters Inc. Gravslake Ill
- VIBRO-TOOL Burgess Vibrocrafters Inc Grayslake Ill
- VIC-DAR Victor Adding Machine Co 3900 N Rockwell St Chicago III
- VICTOR Stanley (William W) Co Inc 401 Broadway New York 13 NY
- VICTOR Trine Mfg Corp 1430 Ferris New York 61 NY

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- VICTORIA Bostwick-Goodell Co 50 Jefferson Norwalk Ohio VICTORY Tubbs Cordage Co 200 Bush St San Francisco Calif

- Francisco Calif Francisco Calif VIEW-MASTER Sawyer's Incorporated Box 490 Portland Oregon VIEW-O-RAMIC Wisco Aluminum Corp 3945 A St Detroit Mich VIKING Forsberg Mfg Co 125 Seaview Ave Bridgeport I Conn VIKING Lehman Sprayshield Co 3355 York Rd Philadelphia 40 Pa VIKING Viking Air Prod Div National US Radiator Co 5601 Walworth Ave Cleveland 2 Obio
- 2 Ohio VIMLITE Arvey Corp R V Lite Div 3500 N Kimball Ave Chicago 18 Ill VINACOVE Hewitt-Robins Inc 666 Glenbrook
- Rd Stamford Conn VINALL Hewitt-Robins Inc 666 Glenbrook Rd Stamford Conn VINALDID Cheeseman-Elliot Co Inc 645 Kent
- Ave Brooklyn 11 NY VINA-LUX Azrock Prods Div Uvalde Rock Asphalt Box 531 San Antonio 6 Texas VINATLE Hewitt-Robins Inc 666 Glenbrook
- Rd Stamford Conn VINATOP Hewitt-Robins Inc 666 Glenbrook
- VINATOP Hewitt-Robins Inc 666 Glenbrook Rd Stamford Conn VINYL GLO Seal Rite Caulking Co 17300 Wyoming Av Detroit Mich VINYL KOTE Seal Rite Caulking Co 17300 Wyoming Av Detroit Mich VISE-LOCK Marvel Equipment Co 1055 Bowen St Oshkosh Wis VISIONAIRE Silvray Lighting Inc 100 West Main St Bound Brook NJ VISIPAK Griffin Mfg Co 1515 Cherry St Erie 6 Pa

- VISIPAR Grimn Mig Co lois Cherry St Line 6 Pa VISTA Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio VISUAL Mackin Venetian Blind Co 300 W 6th St Momence II VISUALIER Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 III VITA-LUX Vita-Var Corp 10 Commerce Ct Newark NJ VITA-VAR Vita-Var Corp 10 Commerce Ct Newark NJ

- Newark NJ VITACHEOME Tile-Tex Div Flintkote Co 1232 McKinley Ave Chicago Heights III VITAL-CALKER Vital Mfg Co 7500 Quincy Ave Cleveland 4 Ohio VITE Obrien Corp 101 N Johnson St South Bend 21 Ind VITRALITE Pratt & Lambert Inc 75 Tona-wanda St Buffalo 7 NY VITRAMIC Ruberoid Co 500 5th Ave New York 36 NY

- VITRI-BLOCK Reno Press Brick Co PO Box

- VITRI-BLOCK Reno Press Brick Co PO Eox 116 Reno Nev
   VITRIFLEX Servicised Prods Corp 6051 W 65th St Chicago 38 III
   VITRO-PLAS Lustro Tile Mfg Co 1066 Home Ave Akron 10 Ohio
   VITRO-RAS Lustro Tile Mfg Co 1066 Home Ave Akron 10 Ohio
   VITROLENE Minnesota Paints Inc 1101 Third St Minneapolis Minn
   VITROLENE Minnesota Paints Inc 1101 Third St Minneapolis Minn
   VITROLINER Condensation Engineering Co 3511 W Potomac Ave Chicago 51 III
   VITROLITE Libbey-Ovens-Ford Glass Co 608 Madison St Toledo 3 Ohio
   VIXEN Heller Tool Co Heller Dr Newcomers-town Ohio
- town Ohio VOGUE-LITES Swivelier Co Inc 43-34th St Brooklyn 32 NY VORCO Vorac Co 147 Meadow Rd Ruther-
- TRI-BOND Mastro Plastics Corp 3040 Webster Ave Bronx NY VORCRETE Vorac Co 147 Meadow Rd Ruther-
- ford NJ VORLAC Vorac Co 147 Meadow Rd Ruther-ford NJ
- VORNADO Sutton (O A) Corp 1812 W 2nd Kans EL Vorac Co 147 Meadow Rd
- Wichita Kans VORNAMEL Vorac Co 147 Meadow Rd Rutherford NJ VORSEAL Vorac Co 147 Meadow Rd Ruther-ford NJ
- ford NJ VUDOR Howe Mfg Corp 1203 S Jackson St Janesville Wisc VULCANITE Certain-teed Prods Corp 120 E Lancaster Av Ardmore Pa VULCATEX Horn (A C) Co Inc 252 Town-send St San Francisco Calif VULCO Vulcan Metal Prods 2801 6th Ave S Birmingham Ala VULCO DURA DOOR Vulcan Metal Prods 2801 6th Ave S Birmingham Ala

- WACO SPEEDLOCK Waco Mfg Co 3565 Wooddale Ave Minneapolis Minn WAKCO Warren-Knight Co 136 N 12th St
- iladelphia 7 Pa
- WALCO Walworth Co 60 East 42nd St New York 17 NY

- WALCREST Stamford Wallpaper Co Inc Taylor & Manin Sts Stamford Conn
  WAL-DOR Closures Inc 533 E Forest Ave Detroit 1 Mich
  WAL-PASTE Stamford Wallpaper Co Inc Taylor & Manin Sts Stamford Conn
  WALEAT JACKS Superior Scaffold Co 5624 Bankfield Ave Culver City Calif
  WALKOVER Barrett Div Allied Chemical & Dye Co 40 Rector St New York 6 NY
  WALLAUERT Wall Rope Works Ine 48 South St New York 5 NY
  WALLATE Wallace Mfg Co 10th & Fayette No Kansas City Mo
  WALLATIN Moore (Benjamin) & Co 511 Canal St New York 18 NY
  WALLATEX Columbus Coated Fabrics Corp Seventh & Grant Aves Columbus 16 O
  WALLMASTER Continental Aluminum Corp So Kearny NJ

WALLMASTER Continental Aluminum Corp So Kearny NJ WALLSTONE Tamms Industries Inc 228 N La Salle St Chicago 1 Ill WALLTAX Hayes Adhesives Co Inc Union Blvd at Brown St Louis 15 Mo WALLTUF United States Plywood Corp 55 W 44th St New York 36 NY WALLY Wall (P) Mfg Co 200 Erie St Grove City Pa

Grove City Pa WALNUT FARM GBH-Way Homes Inc Wal-

Grove City Pa WALNUT FARM GBH-Way Homes Inc Wal-nut III WALSEAL Walworth Co 60 East 42nd St New York 17 NY Ave Jamaica 32 NY WALTON Abbeon Supply Co 179-15 Jamaica Ave Jamaica 32 NY WAMPUM BRAND Lastik Prods Co Inc 203 Iroquois Bidg Pittsburgh 13 Pa WANDA Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md WARD MONTEREY Ward Refrigerator Co 6501 S Alameda Los Angeles I Cal WARDBODOOR Angel Novelty Co 340 Broad St Fitchburg Mass WARETITE Ware Laboratories Inc 3700 N W 25th St Miami Fia WARM MORNING Locke Stove Co 114 W 11th St Kanasa City 5 Mo WARNER ACCURACY Warner Mfg Co 801 16th Ave SE Minneapolis Minn WASCO COP-R-TEX Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASCO FABRICOTE Wasco Products Inc Bay State Rd Cambridge 38 Mass WASTE KING PULVERATOR Given Mfg Co 3301 Fruitland Ave Los Angeles 58 Cal WATUGA BRAND Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn WATER AIR Handley-Brown Heater Co 2101 Brooklyn Rd Jackson Mich WATER RINSABILE Wilson-Imperial Co 115 Chestnut St Newark 5 NJ WATERSTOP American Sta-Dri Co 4102 41st St Brentwood Md WATERBAND StateFabric St N Winneenville Minn

WATER-STOP American Sta-Dri Co 4102 41st St Brentwood Md WATER-STOP American Sta-Dri Co 4102 41st St Brentwood Md WATERBURY Waterman-Waterbury Co 1121 Jackson St N Minnenpolis Minn WATERFILM Koven & Bro Inc 154 Orden Ave Jersey City 7 NJ WATERFILM Koven & Bro Inc 154 Orden St New York 5 NY WATERFOG Rockwood Sprinkler Co 38 Har-low St Worcester 5 Mass WATERFOG Rockwood Sprinkler Co 38 Har-low St Worcester 5 Mass WATERFOIL Horn (A C) Company Inc 252 Townsend St San Francisco Cal WATERSPAR Pittsburgh Plate Glass Co 632 Fort Duquesne Pittsburgh 22 Pa WATERTITE-HAZAPRENE Hazard Insulat-ing Wire Works Div Okonic 70-72 Hazel

WATERTITE-HAZAPRENE Hazard Insulat-ing Wire Works Div Okonite 70-72 Hazel St Pasanic NJ WATLING Woodenware Prods Corp 122 N 7th St St Louis 1 Mo WAVE LINE Certain-teed Products Corp 120. E Lancaster Av Ardimore Pa WAXER KING Atlus Floor Surfacing Ma-chinery Co 248 East 34th St New York 16 NY

WAXMASTER Atlas Floor Surfacing Ma-chinery Co 248 East 34th St New York 16

NY WAXOFF Schalk Chemical Co 351 E 2nd St Los Angeles 12 Cal WAX-STRIP Johnson (S C) & Co Inc 1525 Howe St Rasine Wis WAYLITE Waylite Co 20 N Wacker Dr Chi-

WEAR-KOTE Camp Co Inc 6958 S State Chicago 21 Ill WEAR-MASTER Standard Industrial Prod-ucts 1500 Park St Evansville 4 Ind WEATH-R-SEAL WASHER Fabricated Prod-ucts Co Inc Water St West Newton Pa WEATHERMASTER Stanley Building Special-ties Co 1890 N E 146th St North Miami 6

WEATHER-SHIELD Certain-teed Products Corp 120 E Lancaster Av Ardmore Pa

WEATHER-TEX Bird & Son Inc 47 Wilson St East Walpole Mass

ER Standard Ind

AMERICAN BUILDER

Industrial

WEATHER-MASTER Prods 1500 Park St

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WEATHER-TIGHT Evans Pipe Co 23 New-port Ave Ubrichsville Obio WEATHER-TITE Ives (H B) Co 5 Artizan St

- port Ave UDricksville Ohio
   WEATHER-TITE Ives (H B) Co 5 Artizan St New Haven S Conn
   WEATHERLOK Johns-Manville Corp 22 East 40th St New York 16 NY
   WEATHERMAN Tamma Industries Inc 228 N La Salle St Chicago 111
   WEATHERMAN Tamma Industries Inc 228 N La Salle St Chicago 6 II
   WEATHERMASTER Johns-Manville Corp 22 East 40th St New York 16 NY
   WEATHERWOOD United States Gypsum Co 300 W Adams St Chicago 6 II
   WEBBERWALL Weber Showcase & Fixture Co 5700 Avalon Blvd Les Angeles 54 Calif
   WEBBTER SYLPHON Webster (Warren) & Co 17th & Federal Sts Camden 5 NJ
   WEBTEX Webster (W F) Cement Co 224 Thorndike Cambridge 41 Mass
   WEDGE TIGHT Calder Mfg Co 630 N Prince St Lancaster 12 Pa
   WEATHERTTE Johns-Manville Corp 22 East 40th St New York 16 NY
   WEBLITE ROANOKE Webater Brick Co Inc Po Box 780 Roinnoke Va
   WEDGE LOCK Robinson Clay Prods Co 65 Webt State St Akron 9 Ohio
   WEDGE LOCK Kobinson Clay Cond Shi Mich WEDGE LOCK Williams Form Engineering Corp 1601 Madison Ave Grand Rapids Mich WEIGHTOGRAPHS Howe Scale Co 2947 Scale Ave Rutland Vt
   WEISART Henry Weis Mfg Co 941 Oak St
- Ave Rutland Vt WEISART Henry Weis Mfg Co 941 Oak St
- Elkhart Ind WEISTEEL Henry Weis Mfg Co 941 Oak St
- WEISWAY Henry Weis Mfg Co 941 Oak St Elkhart Ind WEISWAY VITRECEPTOR Henry Weis Mfg

- Elkhart Ind WEISWAY VITRECEPTOR Henry Weis Mfg Co 941 Oak St Elkart Ind WEL BILT Huck & Gerhardt G & Luzerne Sta Philadelphia 24 Pa WELD-BILT West Bend Equipment Corp 299 S Water St West Bend Wis WELDBORD United States Plywood Corp 55 W 44th St New York 36 NY WELDPTIE PRIMER Minnespolis Minn WELDBORD United States Plywood Corp 56 600 Miller Ave Georgetown Conn WELDBASTER Lewis-Shepard Prods Inc 1556 Wahnut St Watertown 72 Mass WELDTEX United States Plywood Corp 55 W 44th St New York 36 NY WELDWOOD United States Plywood Corp 55 S W 44th St New York 36 NY WELDWOOD CONTACT CEMENT United States Plywood Corp 55 W 44th St New York 36 NY
- WELDWOOD PLASTIC RESIN GLUE United States Plywood Corp 55 W 44th St New
- York 36 NY WELDWOOD WOOD-TRIM United States Plywood Corp 55 W 44th St New York 36
- WELL WORTH Wooster Brush Co 600 Madi-
- WELL WORTH Wooster Brush Co 600 Madi-son Ave Wooster O WELSH The Commercial Paste Co Buttles at Mich Columbus 8 Ohio WESCO Western Chain Co 1807 Belmont Ave Chicago 13 Ill WESCLAS Wessels Co 1625 E Euclid Ave Detroit 11 Mich WESLOCK Western Lock Mfg Co 211 N Madi-son Ave Los Angeles 4 Calif WESSELS Wessels Co 1625 E Euclid Ave Detroit 11 Mich WESSELS Wessels Co 1625 E Euclid Ave

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- WESTERN-HOLLY Western Stove Co Inc 8536 Hays St Culver City Calif WESTON Round (David) & Son Inc PO Box
- Sea Royand (David) & Son Inc PO Box 883 Cleveland 22 Ohio
   WETHERMATIC COOLING The Williamson Co 3500 Madison Road Cincinnati 9 Ohio WEVELITE Insulite Co Minnesota & Ontario Paper Co 500 Investors Bldg Minneapolis 2 Minn
- WEYERHAEUSER 4-SQUARE Weyerhaeuser Sales Co 1st Natl Bank Bldg St Paul 1 Minn
- WHALE Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn WHEEL-IT Hawkeye Industries 820 Vivian St
- Colo WHIRLOUT Swartwout Co 18511 Euclid Ave Cleveland 12 Ohio
- WHIRLWIND Chase Turbine Mfg Co Orange
- WHITCO Whitney (Vincent) Co PO Box 335 Sausalito Calif
- WHITE-CLAD Lufkin Rule Co 1730 Hess Ave Saginaw Mich
- WHITE CROSS National Stamping & Electric Works 2215 Clark Ave St Louis 3 Mo
- WHITE Guamba Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich
- WHITE ROSE York Wall Paper Co 750 Lin-den Ave York Pa
- WHITE SEAL Chicago Paints Inc 4500 W 14th Chicago 23 Ill
- WHITESTONE Old American Roofing Mills 7600 Truman Rd Kansas City Mo WHITESTONE Old American Roofing Mills Div Ruberold 500 Fifth Ave New York 36 NY
- APRIL 1956

- WHITE-TAPES Evans Rule Cc 400-416 Trum-bull Elizabeth NJ WHITE TOP Johns-Manville Corp 22 East 40th St New York 16 NY WHITES IMPROVED White (David) Co 315

- WHITES IMPROVED White (David) Co 315 W Court St Milwaukee Wis WHIZ SAWS Forsberg Mfg Co 125 Seaview Ave Bridgeport I Conn WIL-BOND Wilson-Imperial Co 115 Cheatnut St Newark 5 NJ WHLCO Wilson-Imperial Co 115 Chestnut St
- WILCO Wilson-Imperial Co 110 Cnestnut Sv Newark 5 NJ WM PENN Filter (Edwin H) Co Devereaux & Milnor Philadelphia 24 Pa WILMAC Busch (A G) & Co Inc 2632 N Cen-tral Ave Chicago 39 III WILSON Tyler Refrigeration Corp Lake St

- tral Ave Chicago 39 III WILSON Tyler Refrigeration Corp Lake St Niles Mich WILSON Media Machine Works 620 Park Avenue Media Pennsylvania WILWEAR Turner & Seymour Mfg Co Law-ton St Torrington Conn WIN-DOR Casement Hardware Co 612 N Michigan Ave Chicago 11 III WISCO TRIPLETRACK Wisco Aluminum Corp 3945 A St Detroit Mich WISCONSIN KNIGHT Mikoest Plywood Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich
- York 16 NY WIZARD Woodenware Prods Corp 122 N 7th
- St St Louis 1 Mo WINONA TRAVERTINE Biesanz Stone Co
- WINUNA TRAVERTINE Biesanz Stone Co WinSLOW Warren-Knight Co 136 N 12th St Philadelphia 7 Pa WINTER WEATHERMAKER Carrier Corp 202 S Geddes St Syracuse 1 NV 302 S Geddes St Syracuse 1 NY WIRE NUTS Ideal Industries Inc 1335 Park Ave Sycamore III

- <sup>302</sup> S. Geddes St. Syracuse I. NY.
  WIRE NUTS Ideal Industries Inc 1335 Park Ave Sycamore III
  WIRE STRAPPER Renois Tying Machines Inc. 1956 N. Hawthorn E. Meirose Park III
  WIRE DUCT Wiremold Co. Hartford 10 Conn.
  WIRDDUCT Wiremold Co. Hartford 10 Conn.
  WIND-WAY Stewart (S.J) Electric Co. 527-531
  St. Joseph New Orleans 12 La
  WINDO-GRILLE Tennessee Fabricating Co. 1490 Grimes St. Memphis Tenn.
  WINDO-WIZARD Rene-Craft Products 130 Owens Bldg Wilmette III
  WINDOW CLEEN Standard Industrial Prod-ucta 1500 Park St. Evaneville 4 Ind.
  WINDOW CLEEN Standard Industrial Prod-ucta 1500 Park St. Evaneville 4 Ind.
  WINDOW ALLS. Andersen Corp Bayport Minn WINOGWAILS. Andersen Corp Bayport Minn WINOGOT Goodyear Tire & Rubber Co. 1485 E. Archwood Akron 16 Ohio
  WOLMANIZED American Lumber & Treating Co. 332 S. Michigan Ave Chicago 4 III
  WONDARE Con Mrg. Co. North Walnut St. Ridgeville Indiana
  WONDER Renerican Lumber & Treating Co. 152 S. Michigan Ave Chicago 5 III
  Chestant St. Newark 5 NJ.
  WONDER Construction Machinery Co. 420 Vinton St. Waterloo Iowa
  WONDER WALL Miami Window Corp. 5200 N. W. 37th Ave Miami Fia
  WONDER WALL Miami Window I. Starch 268 Madison Ave New York 16 NY
  WOOD-NEW STAIN Minnesota Paints Inc. 1101
  Third Sts Minneapolis Minn
  WOOD-REM Steven Co. 7308 Associate Ave Clerveland 9. Ohio

- WOOD-REM Speco Inc 7308 Associate Ave Cleveland 9 Ohio
- WOOD-VAR Martin-Senour Co 2520 S Quarry St Chicago 8 Ill
- WOODALL GLIDE-ALL Woodall Industries Inc 3500 Oakton Ave Skokie Ill
- WOOD SEAL CLEAVE Lowe Bros 436 E 3rd St Dayton 2 Ohio
- WOODSULITE Gold Seal Asphalt Roofing Co PO Box 302 Chicago Heights Ill WOODTEX Certain-teed Products Corp 120 E Lancaster Av Ardmore Pa
- WOODTOX-WOODFIX Wood Treating Chem-icals Co 5137 Southwest Ave St Louis 10 Mo
- WOOSTER SEAL-KOTE Wooster Finishes Corp Wooster Ohio
- WRAP-DRI Thilmany Pulp & Paper Co Thil-many Rd Kaukauna Wis
- WRIGHT American Chain Co York Penn WRIGHTEX Wright Mfg Div Mastic Tile Corp PO Box 6567 Houston 5 Texas
- WRIGHT ON TOP Wright Mfg Div Mastic Tile Corp PO Box 6567 Houston 5 Texas WRIGHT SAFEWAY Wright Hoist Div American Chain Co York Pa WYANDOTTE Huron Portland Cement Co
- 1325 Ford Bldg Detroit 26 Mich WYR-O-GLASS Flex-O-Glass Inc 1100 N
- ero Ave Chicago 51 Ill
- WYTELINER Guth (Edwin F) Co 2615 Wash-ington St Louis 3 Mo

X-CELL-ALL National Chemical & Mfg Co 3617 5 May St Chicago 9 III
 X DUCT National Electric Prods Corp 2 Gate-way Center Pittsburgh 22 Pa
 X DUCT JR National Electric Prods Corp 2 Gateway Center Pittsburgh 22 Pa
 X-T Sullivan Co (The) 212 E Trigg Memphis

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- 2 Tenn X-PANDOSEAL X-Pando Corp 43-15 36th St Long Island City 1 NY X-PANDOTITE X-Pando Corp 43-15 36th St Long Island City 1 NY XTRALITE Marshalltown Towa: Co 112 S 8th Ave Marshalltown Iowa: Co 112 S XTRU-LITE Mayes Bros Tool & Mfg Co Port Austin Mich

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YANKEE FIBER Color-Craft Products Inc YANKEE FIBER Color-Craft Products Inc 5035 Belleville Detroit 11 Mich YEAR-ROUND HOME WEATHERMAKER Carrier Corp 302 S Geddes St Syracuse 1 NY YELLOW END Saint Paul Corrugating Co S End Wabasha St St Paul 1 Minn YELLOW-FLASH Justrite Mfg Co 2061 N Southport A Chicago 14 Ill YELLOW STRAND Amer Logging Tool Div Broderick & Bascom 4203 Union Blvd St Louis 15 Mo YOLOY Youngstown Sheet & Tube Co Stam-baugh Bldg Youngstown 1 Ohio YORKBEST Heilig Bros Co 24 W North York Pa

York Pa YORKTOWNE KITCHENS Colonial Products Co Broad & Park St Dallastown Pa YOUNG FLUSH DOORS Young Wood Prod-ucts Co PO Box 166 Novi Mich YOUNGSTOWN KITCHENS Mullins Mfg Corp University St Warren Ohio

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Z-CRETE Zonolite Co 135 S LaSalle St Chi-

ZACK-O MIX Concrete Weld Co 5186 E Cold-

ZACK-O MIX Concrete Weld Co 5186 E Cold-water Fint Mich ZEBRA-GLO Verflex Sales Corp 115-117 Moon-achie Carlatadt NJ ZEBRA STRIPE Verflex Sales Corp 115-117 Moonachie Carlatadt NJ ZEEN-X United States Gypsum Co 300 W Adams St Chicago 6 III ZEGERS DURA-SEAL Zegers Inc 8090 S Chicago Ave Chicago 17 III ZEOTONE Calgon Inc 323 Fourth Ave Pitts-hurch Pa

burgh Pa ZEPHAIR Hunter Fan & Ventilating Co 400 S Front St Memphis 2 Tenn S Front St Memphis 2 Tenn ZEPHYR Fiat Metal Mfg Co 9301 W Belmont Ave Franklin Pk III ZEPHYR Bearing Appliance Co 5823 Greene

St Phila 44 Pa ZEPHYR TYPE SHAKES Creo-Dipt Co Inc ZEPHYRCRANES Link-Belt Speeder Corp 1201 6th St S W Ceder Rapids Iowa ZEPHYRCIANES Link-Belt Speeder Corp 1201 6th St S W Ceder Rapids Iowa ZEPHYRLITE TROWELS Nicholls Mfg Co

ZEPHYRLITE TROWELS Nicholls Mfg Co Ottumwa Ia ZERO Johns-Manville Corp 22 East 40th St New York 16 NY ZEROLITE Johns-Manville Corp 22 East 40th St New York 16 NY ZEROPAK McQuay Inc 1600 Broadway N E Minneapolis Minn ZETLAN Wayne Chemical Prods Co Copeland & MC RR Detroit 17 Mich ZINCLAD Maze (W H) Co Church St & River Peru III

ZINCLAD Maze (W H) Co Church St & River Peru III ZIP-LIFT Harnischfeger Corp 4400 W Nation-al Milwaukce 46 Wis ZIPSET Standard Register Co Campbell & Albany Dayton 1 Ohio ZONATILE Zonolite Co 135 S LaSalle St Chicago 3 III ZONATILE Western Mineral Prods Co 1720 Madison NE Minneapolis Minn ZONING WEATHERMAKER Carrier Corp 302 S Geddes St Syracuse 1 NY ZONOLITE Texas Vermiculite Co 813 Airport Blyd Austin Texas

ZONOLITE Texas Vermiculite Co 813 Airport Blvd Austin Texas ZONOLITE Vermiculite-Ine 233 W 1st So Salt Lake City Utah ZONOLITE Zonolite Company 515 Madison St Kansas City Mo ZONOLITE Western Mineral Prods Co 1720 Madison NE Minneapolis Minn ZONOLITE Zonolite Co 135 S LaSalle St Chicago 5111 ZOURITE Kawneer Company 1105 N Front St Niles Mich

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# AMERICAN BUILDER

**Classified Directory** 

# **Building Products and Equipment Manufacturers**

This classified directory has been compiled to provide the industry with the names and addresses of the major producers of building products, equipment and services. It also supplements the preceding directory of Brand Names as those brand names which are synonymous with the manufacturer's name do not appear in that section but may be found here by consulting the specific product classification.

A minimum number of cross references appear in this directory. This has been done to conserve space thus allowing for more individual categories. Choice of either the noun or descriptive adjective, as the classification word, has been used on the basis of the word most acceptable in the parlance of the building industry.

Every attempt has been made to make this listing as complete as possible and to encompass all phases of the building industry. In the event the information desired cannot be found in this directory write to AMERICAN BUILDER. Directory Editor, 79 W. Monroe St., Chicago 3, Ill.

### The names of Manufacturers who advertise in American Builder appear in Boldface Type

### ABRASIVE PAPER & CLOTH

Abrasive Prods Inc 100 Pearl St South Brain-

- tree Mass AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO Atlas Abrasives Corp 461 12th St Brooklyn 15 NY
- NX Bay State Abrasive Prods Co Union St West-boro Mass
- boro Mass Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY Carborundum Co Buffalo Ave Niagara Falls
- NY NY Clover Mfg Co 327 Main St Norwalk Conn Lacton Glue Mfg Co 611 Broadway New York

- Lacton Glue Mfg Co 611 Broadway New 201 12 NY Mid-West Abrasive Co 510 W Washington St Owosso Mich Minnesota Mining & Mfg Co 900 Fauquier Ave St Paul 6 Minn PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA RED DEVIL TOOLS 130 COIT ST IRVING-TON NI

Sandpaper Inc 83 E Water St Rockland Mass

### ACOUSTICAL MATERIALS

Adel Clay Prods Co 101 Ashworth Road West

- Ale Mig Co 1647 W Wolfram Chicago 13 Ill American Bildrok Co 2001 W Pershing Rd
- Chicago 9 Ill ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Zonolite Co Box 5120 Benning Sta Washing-ton 19 DC

- ton 19 DC CELOTEX CORP 120 S LASALLE ST CHI-CAGO 3 ILL CAGO 3 ILL CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDONE PA Chicago Metallic Sash Co 4001 S Austin Ave Chicago 88 Ill Coast Insulating Prods 2316 San Fernando Los Angeles 65 Calif Columbia Acoustics & Fireproofing Co Stan-hope NJ

- hope NJ Cupples Prods Corp 2650 S Hanley Rd St Louis 17 Mo DANT & RUSSELL INC 1320 SW BROAD-WAY PORTLAND 1 ORE Dodson Mfg Co Inc 1463 Barwise Wichita Kans E G BUILDING FASTENERS CORP 101 PARK AVE NEW YORK 17 NY



EASTERN MACHINE PRODS CO 1601 WICOMICO ST BALTIMORE 30 MD Goodrich (B F) Co Flooring Div 36 Nichols Ave Watertown 72 Mass

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Elof Hansson Inc 220 E 42nd St New York 17

- NY Hayes Adhesives Co Inc Union Blvd at Brown St Louis 15 Mo INSULITE CO MINNESOTA & ONTARIO PAPER CO 500 INVESTORS BLDG MIN-NEAPOLIS 2 MINN Janesville Wis Johns-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY KEASBEY & MATTISON CO BUTLER AVE AMBLER PA Kelley Island Co 1132 Leader Bldg Cleveland 14 Obio KUMERLY\_CLARK CORP 128 N COM-

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- Mastro Plastics Corp 3040 Webster Art 2010 NY NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY OWENS-CORNING FIBERGLAS CORP NATL BANK BLDG TOLEDO 1 OHIO Porete Mfg Co Porete Ave North Arlington NJ
- Porete Mfg Co Porete Ave North Arlington NJ Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa REYNOLDS METALS CO BLDG PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY Rigidized Metals Corp 687 Ohio St Buffalo S NY
- NI Robinson Insulation Co PO Box 1419 Great Falls Mont Schundler (F E) & Co Inc 504 Railroad St
- Schundler (F E) & Co Inc 504 Railroad St Joliet III Simpson Logging Co Shelton Wash Sprayo-Flake Co 2727 W Irving Park Rd Chi-cago III Tach-Fast Mfg Co Lonaconing Md Taylor Bedding Mfg Co Taylor Texas Texas Vermiculite Co 813 Airport Blvd Austin Texas

- Texas UNITED
- Texas UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL Utah Pioneer Corp 333 W First St Salt Lake City Utah Vermiculite Inc 333 W First St Salt Lake City Utah Vermiculite Northwardt Inc 2107 N 24th St

- City Utah Vermiculite-Northwest Inc 2107 N 34th St Seattle Wash Western Mineral Prods Co 1720 Madison NE Minneapolis Minn WOOD CONVERSION CO FIRST NATL BANK BLDG ST PAUL 1 MINN ZONOLITE CO 135 S LA SALLE ST CHI-CAGO 3 ILL

### ADHESIVES

- A & F TILEBOARD CO PO BOX 4085 LEE & ROYS STS ALEXANDRIA LA Abesto Mfg Corp 131 Wabash St Michigan City Ind Alloy Tile Corp 109 Roosevelt Ave Belleville
- Alloy
- Ambroid Co Box 30 Weymouth 88 Mass

Amerco Plastics 177 Broadway New York 7 NY

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- Amereo Plastics 177 Broadway New York 7 NY American Biltrite Rubber Co Perrine Ave Trenton 2 NJ American Bitumuls & Asphalt Co 200 Bush St San Francisco Calif Voorhees Rubber Mfg Co Inc 151 E 50th St New York 22 NY AMERICAN STA-DRI CO 4102 41ST ST BRENTWOOD MD American Varnish Co 1140 N Branch St Chi-cago 22 Ill Armour & Co Abrasive Div 1355 W 31st St Chicago 9 Ill ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Atlas Mineral Prods Co Meriztown Pa Azrock Prods Div Uvalde Rock Asphalt Co Box 531 San Antonio 6 Tex BARCLAY MFG CO INC 385 GERARD AVE NEW YORK 51 NY BARCETT DIV ALLED CHEMICAL & DYE CORP 49 RECTOR ST NEW YORK 6 NY WALPOLE MASS Bonsfide Mills Inc 295 Fifth Ave New York

- NY Borden Co Chemical Div 350 Madison Ave New York 17 NY BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS 1 TENN CABOT (SAMUEL) INC 141 MILK ST BOS-TON 9 MASS Cambridge Tile Mfg Co Box 71 Cincinnati 15 Ohio NY

- Ohio Camp Co Inc 6958 S State Chicago 21 Ill CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI IS OHIO Christy Co Inc 5040 Daggett Ave St Louis 10 Mo The Commercial Paste Co Buttles at Michigan
- The Commercial Paste Co Dutties at Anoman Columbus 8 Ohio CONGOLEUM-NAIRN INC 195 BELGROVE DR KEARNY NJ Consaweld Corp Wisconsin Rapids Wis Consumers Glue Co 1515 Hadler St Louis 6 Mo Crescent Prod Co 315 N 14th St Terre Haute
- Ind
- Dad & Lad Co PO Box 285 New Lenox Ill Dasco Co Inc 1602 Thames St Baltimore 31 Md Dennis Chemical Co 2701 Papin St St Louis Mo
- Mo Dodge Cork Co Inc 23 Laurel St Lancaster Pa DuPont de Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del East Coast Tileboard Corp 41-59 Wyckoff Ave Brooklyn 37 NY Flexrock Co 36th & Filbert Sts Philadelphia 4

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- Goodrich (B F) Co Flooring Div 36 Nichols Ave Watertown 72 Mass Ave Watertown 72 Mass HACHMEISTER INC PO BOX 357 PITTS-BURGH 30 PA

Hayes Adhesives Co Inc 4159 Union Blvd St Louis 15 Md Hewitt (C B) & Bros Inc 23-25 Green St New York 13 NY

Hewitt-Robins Inc 666 Glenbrook Rd Stam-

ford Conn HIGGINS INC PO BOX 8001 NEW ORLEANS

LA Howe & French Inc 798 Washington St Wey-mouth 88 Mass INSULITE CO MINNESOTA & ONTARIO FAPER CO 500 INVESTORS BLDG MIN-NEAPOLIS 2 MINN

NEAPOLIS 2 MINN JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY

NEW YORK 16 NY Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 III Koppers Co Inc Koppers Bldg Pittsburgh 19 Pa

Lasting Prods Co Franklintown Rd Balti-more 23 Md

more 23 Md LePage Inc 144 Essex Ave Gloucester 41 Mass Lino-Paste Co 3233 W 36th St Chicago III Lux Co Inc 315 W Franklin St Elkhart 2 Ind Madison Glue Corp 200 W 34th St New York 1

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MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO

DOVER OHIO MASTIC TILE CORP OF AMERICA N MONTGOMERY NEWBURGH NY MIDCONTINENT ADHESIVE CO 70 SUN-SHINE DR GROVE CITY OHIO Milwaukee Plywood Co 1227 W Bruce St Mil-waukee 4 Wis

waukee 4 Wis Minnesota Mining & Mfg Co 900 Fauquier Ave St Paul 6 Minn MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY Miraplas Tile Co 880 Parsons Ave Columbus 6

Ohio Monsanto Chemical Co 100 Monsanto Ave

Monsanto Chemical Co 100 Monsanto Ave Springfield 2 Mass Monsanto Chemical Co Plastic Div 911 West-ern Ave Seattle 4 Wash MOORE (GOODLOE E) INC PO BOX 846 DANVILLE ILL Mortell (J W) Co 550 N Hobbie Ave Kanka-kee III MOULTILE INC N MONTGOMERY ST NEW-BURGH NY National Adhesive Div National Starch Prods 268 Madison Ave New York 16 NY National Casein Sales 601 W 80th St Chicago 20 III

Ill olson & Co 161 First St Cambridge 42 20 Nich

Mass Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kansas City Mo PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF Patent Cereals Co 13-55 Brandford St Geneva NY

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NY Pecora Paint Co Inc 4th St & Rdg RR Phila-delphia 40 Pa Perkins Glue Co 652 Cannon Ave Lanadale Pa Pioneer Latex & Chemical Co Inc Lincoln Blvd Middleace NJ PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Painey Prod Inc 1770 S Canabort Chicago 16

pi tic Prods Co 6473 Georgia Ave Detroit 11 Plastic Prods Co 2017 Tulare Ave Burbank Calif Mich Plymold Co 2707 Tulare Ave Burbank Calif Plytex Corp 1731 Elston Ave Chicago 22 III Prestile Mfg Co 5850 W Ogden Ave Chicago 50

Reliable Paste & Chemical Co 3560 S Shields

Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 III RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS Rubher & Plastics Compound Co 30 Rocke-feller Plaza New York 20 NY RUBEROID CO 506 5TH AVE NEW YORK

RUBEROID CO 500 5TH AVE NEW YORK 36 NY St Regis Sales Corp Panelyte Div 230 Park Ave New York 17 NY Sauereisen Cements Co 1045 N Canal St Pittsburgh 15 Pa Schalk Chemical Co 351 E 2nd St Los Angeles 12 Calif Selck (Walter E) & Co 223 Hubbard Chicago 10 III Sheffield Bronze Paint Corp 17814 Waterloo Cleveland 19 Ohio Shing/stik 7600 Truman Road Kansas City Mo Siak (R 4) Co New London Conne-Sloane-Delaware Floor Prods Ine PO Box 401 Trenton 3 NJ Standard Paste & Glue Co Inc 3620 W 38th St Chicago 32 III Sullivan Co 212 E Trigg Memphis 2 Tenn Superior Wall Prods Co 4401 N American St Philadelphia 40 Pa Tamms Industries Inc 228 N La Salle St Chicago I III Tex-A-Panel Mfg Co 10848 Harry Hines Dallas Thomas Moulding Floor Co Inc 325 W Huron

Tex.A-Panel Mfg Co 10848 Harry Hines Dallas Tex Thomas Moulding Floor Co Ine 325 W Huron St Chicago 10 III TILEMASTER CORP 1415-21 DIVERSEY PKWY CHICAGO 14 ILL Tile-Tex Div Flintkote Co 1232 McKinley Ave Chicago Heights III Tylac Co Greely & High Sts Monticello III

United States Rubber Co 1230 Ave of Ameri-cas New York 20 NY UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY Varlar Div United Wallpaper Inc 6154 Mdse Mart Chicago 54 II WALLACE MFG CO 10TH & FAYETTE NORTH KANSAS CITY MO Webb Prods Co 216 S "G" St San Bernardino Calif

Calif Guo Cho B or Dr Dr Dan Drinnandino Webster (W F) Cement Co 224 Thorndike Cambridge 41 Mass Wesco Waterpaints Inc Maple St Matteson III White Adhesives Co 2 Harrington St Newton-ville Mass WRIGHT MFG CO MASTIC TILE CORP PO BOX 6567 HOUSTON 5 TEXAS Xylos Rubber Co Firestone Tire & Rubber Co PO Box 2727 Akron 1 Ohio

### AGGREGATES, LIGHT WEIGHT

Alton Brick Co PO Box 394 Alton III American Bildrok Co 2001 W Pershing Rd Chicago 9 III Carolina Perlite Co PO Box 158 Salisbury NC Zonolite Co Box 5120 Benning Stat Washington DC 19

Carter-Waters Corp 2440 Pennway Kansas

Carter-Waters Corp 2440 Pennway Kansas City 8 Mo CELOTEX CORP 120 S LASALLE ST CHI-CAGO 3 ILL Cleveland Gypsum Co 1276 W Third St Cleve-land 13 Ohio Dodson Mfg Co Inc 1463 Barwise Wichita

Kans

Kans Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn Great Lakes Carbon Corp Perlite Div 612 S Flower Los Angeles 17 Calif Gregg Prod Co 646 Chestnut S W Grand Rapids 2 Mich Hydraulic Press Brick Co 705 Olive St St Louis

Mo JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY Kelley Island Co 1132 Leader Bldg Cleveland

Kelley Island Co 1132 Leaven 14 Ohio Maguire Walter Co Inc 60 E 42nd St New

14 Ohio Maguire Walter Co Inc 60 E 42nd St New York NY McNear Brick Co San Rafael Calif Midwestern Perlite Corp Oklahoma City Okla Munn & Steele Inc Castle Island Terminal South Boston Mass Norton Co 1 New Bond St Worcester 6 Mass Panacalite Div Combined Metals Reduction Co 202 Fel Bldg Salt Lake City Utah Panacalite Perlite Inc \$11 S Fifth St Kansas City Kons

City Kans Perlite Mfg Co Arch St PO Box 478 Carnegie

Perilie MIG Co Australio Calif Pa Perolite Prod Sausalito Calif Precast Slab & Tile Co 1367 S Kingshighway St Louis 10 Mo Robinson Insulation Co PO Box 1419 Great

Robinson Insulation Co PO Box 1419 Great Falls Mont Schundler (F E) & Co Inc 504 Railroad St Joliet III

Joliet III Silbrico Corp 5901 W 66th St Chicago 38 III Sisco Vermiculite Mines Ltd 907 Dominion Sq Montreal Que Can Sullivan Co 212 E Trigg Memphis 2 Tenn Texas Vermiculite Co 813 Airport Blvd Austin

Texas

Vermiculite Inc 333 W 1st S Salt Lake City Utah ulite-Northwest Inc 2107 N 34th Seattle

Vermicu Wash Wash Virginia Perlite Corp PO Bex 687 Hopewell Va

Va Waylite Co 20 N Wacker Dr Chicago 6 Ill Western Brick Co Danville Ill Western Mineral Prods Co 1720 Madison NE Minneapolis Minn ZONOLITE CO 135 S LA SALLE ST CHI-CAGO S ILL

Zonolite Co 515 Madison St Kansas City Mo

### **AIR CLEANERS, ELECTRONIC**

American-Standard Air Conditioning Div

American-Stanuard An Elyria Ohio Rybolt Heater Co 615 Miller St Ashland Ohio WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA

### AIR COMPRESSORS

Binks Mfg Co 3124 W Carroll Ave Chicago 12

III Black Mfg Co 201 Second St Harrison NJ Brunner Mfg Co 1821 Broad St Utica 1 NY C & H Electric Co 436 W Juneau Ave Milwau-kee 3 Wis

kee 3 Wis Carrier Corp 302 S Geddes St Syracuse 1 NY Chicago Pneumatic Tool Co Six E 44th St New York 17 NY Davey Compressor Co 600 Franklin Ave Kent Ohio Devilbias Co 300 Phillips Ave Toledo 1 Ohio Electric Sprayit Div Thomas Industries 1415 Iffinois Ave Sheboggan Wis

Essick Mfg Co 1950 Santa Fe Ave Los Angeles 21 Calif Fuller Co Manheim Plant Manheim Pa Gardner-Denver Co Gardner & First Ave

- Gardner-Denver Co Gardner & First Ave Quincy III George (F C) Machine Co 100 S Westmoreland Orlando Fla CRAINCER
- Orlando Fla RAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL Ingersoll-Rand Inc 11 Broadway New York 4
- JAEGER MACHINE CO 500 W SPRING ST COLUMBUS 16 OHIO Lima Electric Motor Co 4500 Findlay Rd Lima Ohio Master Mechanic Mfg Co Route 83 Burlington

Wis

Paasche Airbrush Co 1909 W Diversey Pkwy Chicego 14 III

Chicago 14 III PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Saylor-Beall Mfg Co St Johns Mich Siebring Mfg Co S Main St George Iowa United States Air Compressor Co 5300 Har-vard Ave Cleveland Ohio WORTHINGTON CORP HARRISON & WORTHINGTON HARRISON NJ

Acme Industries Inc 600 N Mechanic St Jack-son Mich son Mich ADMIRAL CORP 3800 W CORTLAND CHI-CAGO 47 ILL AIRTEMP DIV CHRYSLER CORP 1610 WEBSTER ST DAYTON 1 OHIO

Air Temperature Inc 283 Poplar Ave Mem-phis 3 Tenn American Blower Corp Div American-Stand-ard 8111 Tireman Ave Detroit 32 Mich

AMERICAN-STANDARD PLUMBING & HEATING DIV PO BOX 1226 PITTS-BURGH 30 PA

American-Standard Air Conditioning Div

Elyria Ohio Stratton-Terstegge Co Anchor Div 300 Culbert-son Ave New Albany Ind ARMSTRONG FURNACE CO 851 W THIRD AVE COLUMBUS 8 OHIO Automatic Firing Corp 4417 Oleatha Ave St Louis 16 Mo

Automatic Firing Corp 4417 Oleatha Ave St Louis 16 Mo Bard Mfg Co Bryan Ohio Berger Furnace Corp 4th & Main St Belle Vernon Fa Brunner Mfg Co 1821 Broad St Utica 1 NY BRYANT HEATER CO 48 MONUMENT CIR-CLE INDIANAPOLIS 4 IND Burnham Corp Boiler Div 2 Main St Irvington NY

NY BUSH MFG CO 179 SOUTH ST WEST HART-FORD 10 CONN Carrier Corp 302 S Geddes St Syracuse 1

NY Cauhorn Distributing Co 9999 Broadstreet Detroit 4 Mich Century Engineering Corp 401 Third S E Cedar Rapids Iowa

Cedar Rapids Jova CHATTANOOGA ROYAL CO FIRST & DEL-MAR STS CHATTANOOGA 6 TENN Clarage Fan Co 719 Porter St Kalamazoo Mich COLEMAN CO INC 250 N ST FRANCIS WICHITA I KAN COMBUSTION ENGINEERING INC 911 W MAIN ST CHATTANOOGA TENN Comfort Proda Corp 2220 Lamesa St Dallas Texas

Comfort Proda Corp 2220 Lainesa & Annual Comfort Proda Corp 2220 Lainesa & Annual Conco Eng Wks Div Conkey (H D) & Co 1940 Thomas St Mendota III Coolerator Co 128 W First St Duluth 1 Minn Fresh'nd-Aire Div Cory Corp 221 N La Salle St Chicago III Crane Co 836 S Michigan Chicago 5 III CROSLEY DIV AVCO MFG CORP 1329 ARLINGTON ST CINCINNATI 25 OHIO DAY & NIGHT MFG DIV 700 ROYAL OAKS DR MONROVIA CALIF Deepfreze Appliance Div 2301 Davis St North Chicago III

Deepreeze Appliance Div 2501 Davis St North Chicago III DELCO APPLIANCE DIV LYELL & WHIT-NEY STS ROCHESTER NY Delta Heating Corp 1 Cole St Trenton 8 NJ Drayer-Hanson Inc 3301 Medford St Los An-geles 63 Calif.

Drayer-Hanson Inc 3301 Medford St Los An-reles 63 Calif EMPIRE STOVE CO 918 FREEBURG AVE BELLEVILLE ILL Essick Mfg Co 1950 Santa Fe Ave Los Angeles 21 Calif EUREKA WILLIAMS CO DIV HENNEY MOTOR BLOOMINGTON ILL Fluid Heat Div Anchor Poat Prods 6500 Enst-ern Ave Baltimore 24 Md Prick Co 320 Broadway Waynesboro Pa Friedrich Refrigerators Inc 1117 E Commerce San Antonio Texas Friedrich Refrigerators Inc 1117 E Commerce Son Antonio Texas CORP 300 TAYLOR ST DAYTON 1 OHIO Front Rank Mfg Co Div Liberty Fndry Co 2500 Ohio Ave St Louis 4 Mo General Ait Conditioning Corp Cincinnati 9 Ohio Are St Louis 2 Md General Automatic Prods Corp 2300 Sinclair Lare Baltimore 13 Md GENERAL ELECTRIC CO 5 LAWRENCE ST BLOOMFIELD NJ

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AIR CONDITIONERS

Elvria Ohio

GENERAL ELECTRIC CO APPLIANCE

PARK LOUISVILLE 1 KY Gibaon Refrigerator Co 515-615 W Williams Greenville Mich Gilbert & Barker Mfg Co Cold Springs Ave W Springfield Mass Gillen (J L) Co 12202 Wormer Ave Detroit 28

Mich

Gillen (J L) Co 12202 Wormer Ave Detroit 28 Mich Great Northern Mfg Corp 1056 N Wood St Chicago 22 Ill Green Colonial Furnace Co 322 S W Third St Des Moines Iowa Hart Heat Div Avery Farm Machy Co Foot of Junction St Peoria Ill HEIL CO 3000 W MONTANA ST MILWAU-KEE 2 W18 Henderson Furnace & Mfg Corp 3075 Graven-stein Sebastopol Calif Henry Furnace Co Medina Ohio HOTPOINT CO 5600 W TAYLOR ST CHI-CAGO 44 ILL HUNTER FAN & VENTILATING CO 400 S FRONT ST MEMPHIS 2 TENN HYDRALINE PRODS DIV BORG-WARNER CORP 18538 MACK AVE DETROIT 36 MICH

CORP 18538 MACK AVE DETRUIT 30 MICH Ingersoll Conditioned Air Div Borg-Warner Corp 760 E Vine St Kalamazoo Mich International Heater Co 101 Park Ave Utica

NY IRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO JANITROL HEATING & AIR CONDITION-ING DIV SURFACE COMBUSTION CORP 400 DUBLIN AVE COLUMBUS 16 OHIO Jettronaire Inc 1100 E Warrington Pittsburgh

10 Pa JOHNSON (S T) CO 940 ARLINGTON AVE OAKLAND 8 CALIF Johnswood Co 13833 S Indiana Ave Chicago

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# NEW! LEWYT **BUILT-IN WALL** AIR CONDITIONER

### **Builder's Model**

For one room or every room of: homes, apartments, industrial and commercial buildings!

\* ONLY 15" DEEP - has no over. " hang inside or out!

+ EASILY INSTALLED - needs no ducts or plumbing!

SELF-CONTAINED-each unit has built-in controls and thermostat!

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McPherson Inc 4603 W Osborne Ave Tampa 3

McQuay Inc 1600 Broadway N E Minneapolis Minn Minn Meyer Furnace Co 1300 S Washington Peoria III

Mitchell Mfg Co 2525 N Clybourn Ave Chicago TII 14

Mitchell Mig Co 2020 N Clybolrn Ave Chicago 14 Ill Modine Mfg Co 1300 DeKoven Ave Racine Wis MUELLER CLIMATROL CORP 2005 W OKLAHOMA ST MILWAUKEE 15 WIS MUNCIE GEAR CO 700 E WYSOR ST MUN-CIE IND Nat'I-US Radiator Corp 223 Central Ave Johnstown Pa NIAGARA FURNACE DIV FOREST CITY FOUNDRIES CO 2506 W 27TH ST CLEVE-LAND 13 OHIO NORMAN PROD CO 1150 CHESAPEAKE COLUMBUS 12 OHIO OLSEN (C A) MFG CO FILBERT ST ELY-RIA OHIO Patten (J V) Co 550 Dekalb Ave Sycamore

Patten (J Ill V) Co 550 Dekalb Ave Sycamore Payne Div Carrier Corp 700 Royal Oaks Dr

Monrovia Calif Monrovia Calif PENN BOILER & BURNER MFG CORP FRUITVILLE RD LANCASTER PA PERFECTION INDUSTRIES DIV HUPP CORP 7609 PLATT AVE CLEVELAND 4 CORP

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METUCHEN NJ Rittling Corp Rittling Bldg Buffalo 5 NY Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio Rybolt Heater Co 615 Miller St Ashland Ohio Scalfe Co Timken Silent Automatic Div 26 Ann St Oakmont (Pittsburgh Dist) Pa SERVEL INC 119 N MORTON AVE EVANS-VILLE 20 IND SMITH (A 0) CORP PERMAGLAS DIV PO BOX 23 KANKAKEE ILL SUTTON (O A) CORP 1812 W 2ND WICHI-TA KANS

SUTTON O A) CORP 1812 W 2ND WICHI-TA KANS Thatcher Furnace Co Center St Garwood NJ Trane Co Third & Cameron La Crosse Wis TUTTLE & BAILEY INC 1706 CORBIN AVE NEW BRITAIN CONN Typhoon Air Conditioning Co Inc 505 Carroll St Brooklyn 15 NY United States Air Conditioning Corp Como Ave SE at 33rd Minneapolis Minn Universal Major Elec Appliance Co Box 928 Baltimore Md

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& T Ohio

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COFFMAN (R G) CO INC+PO BOX 1113 OR-LANDO FLA

LANDO FLA Cupples Prods Corp 2650 S Hanley Rd St Louis 17 Mo Decatur Iron & Steel Co Second St W Decatur

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Ala Farwell Metal Fabricating Div Fairfield & Walter St Paul 1 Minn Fiske (J W) Iron Works 80 Park Pl New York 7 NY

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N X Superior Industries Inc 3786 Oakwood Ave Youngstown 9 Ohio THORN (J S) CO 6591 HEGERMAN ST PHILADELPHIA 36 PA Valley Metal Prode 222 Young St Marseilles

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- OHIO
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- McKeown Bros Co 5303 Keeler Ave Chicago 32 III REFABRICATED PRODS CO INC DEXTER HORTON BLDG SEATTLE 4 WASH PR

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- Newport Steel Corp Ninth & Lowell Sts New-
- Newport Steel Corp Ninth & Lowell Sts New-port Ky PENN METAL CO INC 205 E 42ND ST NEW YORK 17 N Y SAINT PAUL CORRUGATING CO S END WABASHA ST ST PAUL 1 MINN Sioux Steel Co Sioux Falls S D Tennison Bros Inc 450 M Bellevue Memphis 1

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- Childers Mfg Co 3620 W 11th St Houston 8 Texas
- Clearview Louver Window Co 2625 Elm St
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- Point Ga rossly Window Corp 3550 NW 71st St Miami C Crossly Window Corp 3550 NW 71st St Biann Fla Dickey Mfg Co Oakwood Ohio EASTERN MACHINE PRODS CO 1601 WICO-MICO ST BALTIMORE 30 MD FAWSCO DIV FALLS STAMPING & WELD-ING CO 1701 FRONT ST CUYAHOGA FALLS OHIO Hettrick (W E) & Son Co 3333 Maple Station D Toledo 8 Ohio

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Koehring Co & Subsid 3026 W Concordia Mil-waukee 16 Wis Link-Belt Speeder Corp 1201 6th St SW Cedar Rapida Jowa

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Stering Wheelparrow Co 7030 W Walker Mil-waukee 14 Wis US Steel Prods Div US Steel Corp 30 Rocke-feller Plaza New York 20 N Y Western Wheel Barrow Mfg Co South Fort

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Mati nal Lead Co 111 Broadway New York 6

N Y PENN METAL CO INC 205 E 42ND ST NEW YORK 17 N Y TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1

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UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL Wheeling Corrugating Co 1134 Market St Wheeling W Va

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TILEMASTER CORP 141 PKWY CHICAGO 14 ILL 1415-21 DIVERSEY

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III Tile-Tex Div Flintkote Co 1232 McKinley Ave Chicago Heights III WRIGHT MFG CO DIV MASTIC TILE CORP OF AMERICA PO BOX 6567 HOUSTON 5 TEXAS

### BASE, WOOD

# (See Millwork & Moldings)

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Concrete Transport Mixer Co 4985 Fyler Ave St Louis 9 Mo

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ALSYNITE CO OF AMERICA 4654 DE SOTO

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Fortsmouth Va General Chrome Inc 1720 Mishawaka Ave South Bend Ind Gerity-Michigan Corp Mdsg Div 1365 E Beecher

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N Y Knape & Vogt Mfg Co 658 Richmond NW Grand Rapids 4 Mich KOHLER CO 44 HIGH ST KOHLER WIS Kraus (Walter S) Co 48-02 43rd St Woodside 77 N Y

77 N Y Lawson (F H) Co Evana & Whately Sts Cin-cinnati 4 Ohio Lehman Sprayshield Co 3355 York Rd Phila-delphia 40 Pa

Lehman Sprayshield Co 3355 York Rd Phila-delphia 40 Pa Lehon Co Madison at 25th Ave Bellwood Ill Liebman Bathroom Specialties Inc 1437 Bush-wick Ave Brooklyn 7 N Y Marchand (A) Inc 101 Park Ave New York 17 N Y MIAMI CABINET DIV CAREY (PHILIP) MFG CO 1950 GRAND AVE MIDDLE-TOWN OHIO MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO MOSAIC TILE CO 1949 PERSHING AVE ZANESVILLE OHIO National Tile & Mfg Co E 26th St Anderson Ind

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NJ Standard Bronze Co 178 W 5th St Bayonne N J Standard Building Prods Co 621 McDonald Ave Brooklyn 18 N ¥ Standard Steel Cabinet Co 3701 N Milwaukee Chicago 41 III

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Windsor Supply Inc 4424 San Fernando Glen-dale 4 Calif

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Park N Y Bel-Wood Mfg Co Ackerman Miss Bennett Lumber Corp Oliver & NYC RR North Tonawanda NY

Bennett Lumber Corp Onver & NYC RR North Tonawanda NY Brainard Industries Inc 152 S 15th St Linden-hurst L I N Y CAREY (PHILIP) MFG CO 320 S WAYNE CINCINATI 15 OHIO CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE 100WA Cole Mfg Co PO Box 2657 Memphis 2 Tenn Columbia Metal Box Co 260 E 143rd St New York 51 N Y Copco Steel & Engr Co 14035 Grand River Ave Detroit 27 Mich Crane Co 836 S Michigan Chicago 5 Ill Des Lauriers Column Mould Co 5036 W Lake St Chicago 44 Ill Excel Metal Cabinet Co Inc 1938 Johnson Jamestown N Y Farley & Loetscher Mfg Co Dubuque Iowa

Jamestown N Y Farley & Loetscher Mfg Co Dubuque Iowa Gerity-Michigan Corp Mdsg Div 1365 E Beecher St Adrian Mich Gold Seal Mfg Co 1228 W Kinzie Chicago 22

III Goslee (J R) Co 1500 Brookpark Rd Cleve-land 9 Ohio Craet Northern Mfg Corp 1056 N Wood St GREENLINE METAL PRODS CO NORTH TONAWANDA N Y GVIEW BELLEVUE KY HALL-MACK CO 1359 W WASHINGTON LOS ANGELES 7 CALIF Heas Co 1855 S 54th Ave Chiengo 50 III

Houston Pipe & Sheet Metal Works Box 1692 Houston Texas

Houston Texas Hy-Plane Mfg Co 1822 Cadwallader Philadel-phia 22 Pa Ideal Cabinet Corp 5036 W Lake St Chicago 44

Jensen Industries 159 S Anderson Los An-Jensen Industries 159 S Anderson Los An-geles 33 Calif Kitchen Maid Corp 541 Snowden Andrews Ind N Y Kinzua Pine Mills Co Kinzua Ore Kitchen Maid Corp 541 Snowden Andrews Ind Knicht Mfg Co 2930 S Washington Saginaw

Kraus (Walter S) Co 48-02 43rd St Woodside 77 N Y awson (F H) Co Evans & Whately Sts Cin-cinnati 4 Ohio

cinnati 4 Ohio Lehman Spraysheld Co 3355 York Rd Phila-delphia 40 Pa Lehon Co Madison at 25th Ave Bellwood Ill Liebman Bathroom Specialties Inc 1437 Bush-wick Ave Brooklyn 7 N Y Lindeum Prods Corp 15 N Second St Paterson

Marchand (A) Inc 101 Park Ave New York 17 N Y MIAMI CABINET DIV CAREY (PHILIP) CO 1950 GRAND AVE MIDDLETOWN OHIO Mirro-Glo Cabinet Co 3131 W 49th Pl Chicago

Mirro-Glo Cabinet Ca 32 Ill Morgan Co 520 Oregon St Oshkosh Wis MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO National Metal-Art Mfg Co 1900 Eighth Ave Prooklyn 15 N Y

National Metal-Art Mig Co 1900 Eighth Ave Brooklyn 15 N Y National Steel Cabinet Co 2415 N Pulaski Rd Chicago 39 Ill NATIONAL VANITY CO 165 AVENUE A BAYONNE N J Ohio Window Glass Co 4045-7 St Clair Cleve-land 14 Ohio

Dhio Window Glass Co 4940-7 St. June land 14 Ohio Ornas & La Barre 28697 Mound Rd Centerline Mich (Charles) Co 50 Hanover St Meriden

REGAL CABINET SALES CO INC 1370 RALPH AVE BROOKLYN 36 N Y Reliable Metal Novelty Co Inc 25 Elm Ave Mount Vernon N Y

Selck (Walter E) & Co 223 W Hubbard Chi-engo 10 III Smith (E C) Mfg Corp 1515 N Artesian Chi-engo 10 III

cago 10 111 Standard Building Prods Co 621 McDonald Ave Brooklyn 18 N Y Standard Stamping & Perforating Co 3129 W 49th Pl Chicago 32 111 Standard Steel Cabinet Co 3701 N Milwaukee Chicago 41 111

AMERICAN BUILDER

Hess Co Holly

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Mich

Lawson

2 N J

Co 1855 S 54th Ave Chicago 50 Ill (Lloyd E) 1430 Liberty Box 79 Harris-

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TOLEDO DESK & FIXTURE CO 1020 FORD RD MAUMEE OHIO Toledo Plate & Window Glass 1041 Utica St Toledo Ohio

Toledo Ohio TOPCRAFT INC 4207-09 MENLO DR BALTI-MORE 15 MD TRACY KITCHENS DIV EDGEWATER STEEL CORP 3125 PREBLE AVE PITTS-BURGH 30 PA UNITED METAL CABINET CORP 168 SEV-ENTH ST BROOKLYN 15 N Y Vimcar Sales Co PO Box 2187 Van Nuys Calif Williams Prods Co Inc 6127 Cedar Ave Phila-delphia 43 Pa

### **BATHTUB ENCLOSURES**

ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 9 CALIF AMERICAN SHOWER DOOR CO INC 1028 N LA BREA AVE LOS ANGELES 38

CALIF BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 N Y BECO CORP 2915-17 CANTON ST DALLAS 26 TEXAS BINSWANGER & CO 207 N MAIN ST HOUS-

BINSWANGER & CO 207 N MAIN SI HUGG-TON I TEXAS CHEMOLD CO 2000 COLORADO AVE SANTA MONICA CALIF Crane Co 836 S Michigan Chicago 5 Ill Downey Shower Door Co 8246 E Phlox Downey

Calif FIAT METAL MFG CO 9301 W BELMONT AVE FRANKLIN PARK ILL Glass Shower Door Co Inc 105 W Wacker Chicago III GREAT LAKES SHOWER DOOR DIV EPRAD INC 1206 CHERRY ST TOLEDO

OHIO OHIO Kesko Prods Inc PO Box 98 Bristol Ind Ketcham Mfg Corp 70-70 80th St Brooklyn 27 N Y

Lehman Spravshield Co 3355 York Rd Phila-

delphia 40 Pa LEIGH BLDG PRODS DIV GLADE ST AT

deiphia 40 1/a LEIGH BLDG PRODS DIV GLADE ST AT LARCH COOPERSVILLE MICH Milwaukee Stamping Co 800 S 72nd St Mil-waukee 14 Wis MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO NATIONAL ALUMINUM CO 1123 ALUM CREEK DR COLUMBUS OHIO National Metal-Art Mg Co 1900 Eighth Ave Brooklyn 15 N Y Bippolite Plastics Prods Co 3910 Cohasset St Burbank Calif Shower Door Co of America 1301 Chatta-hoochee Atlanta Ga SHOWER ENCLOSURES INC 1227 W DEVON AVE CHICAGO 40 ILL

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Wasco Prods Inc Bay State Rd Cambridge 38

Mass Vindsor Supply Inc 4424 San Fernando Glen-dale 4 Calif wi

### BEAD, CORNER METAL

- Alabama Metal Lath Co Inc 3235 Fayette Ave
- Antonina anetar Latin Colline 5255 Payette Ave Birmingham 1 Alia Allen Steel Prods Inc 2941 E Ten Mile Rd Hnzel Park Mich B & T Metals Co 425 W Town St Columbus 16 Ohio Bendex Sales Inc 4615 Eighth Ave NW Seat-tle 7 Wash of FEI LATH CO 1966 CPIC.
- tle 7 Was BOSTWICK
- de 7 Wach BOSTWICK STEEL LATH CO 1890 GRIS-WOLD DR NILES OHIO CEO STEEL PRODS CORP 5601 W 26TH ST CERTAIN-TEED PRODS CORP 120 E LAN-CERTAIN-TEED PRODS CORP 120 E LAN-CRATER AVE ARDMORE PA DRYWALL TRIM INC 2408 N FARWELL AVE MILWAUKEE 11 WIS

Goldsmith Metal Lath Co 4501 Chickering

Cincinnati Ohio Hosking Paper & Supply 1301 Lake Ave Wilmette III INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS Klauer Mig Co Ninth & Washington Sts Du-

huque lows Cros

La Steel Roofing Co 227 Jay St La-

budge lova La Crosse Steel Roofing Co 227 Jay St La-Crosse Wis MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 N Y PENN METAL CO INC 205 E 42ND ST NEW YORK 17 N Y Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa Piper (H K) Mfg Co 225 W Main St Paris Ill Pyramid Mouldings Inc 5353 W Armstrong Chicago 30 Ill

Chicago 30 Ill Richkraft Co 510 N Dearborn St Chicago 10 Ill coux Steel Co Sioux Falla S D Joule Steel Co 1750 Army St San Francisco 24 Calif

Tennison Bros Inc 450 N Bellevue Memphis 1

Tenn Tenn TRUSCON STEEL DIV REPUBLIC STEEL 1050 ALBERT ST YOUNGSTOWN

CORP OHIO UNITED OHIO NITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL heeling Corrugating Co 1134 Market St Wheeling W Va

wi

# BEDS, WALL, BUILT-IN

Holmes Prods Co Woodstock Ill Murphy Door Bed Co 19 W 44th St New York 36 N Y Roll-A-Way Corp 2954 N Sheffield Chicago 14

### **BELLS & CHIMES, DOOR**

Auth Electric Co Inc 34-20 45th St Long Is-land City 1 N Y Guach (S H) Co Ipc 3 Arlington St North Quincy 71 Mass EDWARDS CO INC POST HILL RD NOR-WALK CONN Liberty Bell Mfg Co Short St Minerva Ohio Mell-O-Chime & Signal Co 119 S Jefferson Chicare III

Meil-O-Chime & Signal Co 119 S Jefferson Chicago Ill MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO NU TONE INC RED BANK & MADISON CINCINNATI 27 OHIO Rittenhouse Co Inc Earl St Honeoye Falls N Y Sperti Faraday Inc 1322 Church St Adrian Mich Mich

Starr Brothers Bell Co East Hampton Conn

### **BINDINGS, LINOLEUM**

Alden Mfg Co 201 W Walnut St Painesville

Ohio B & T Metals Co 425 W Town St Columbus 16

Ohio CENTRAL METAL STRIP CO 4343 N WEST-ERN AVE CHICAGO 18 ILL Dennis (W J) & Co 4444 Irving Park Rd Chi-cago 41 Ill Kinkead Industries Inc 5860 N Pulaski Rd Chicago 30 Ill MACKLANBURG.DUNCAN

Chicago 30 III MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA Miraplas Tile Co 980 Parsons Ave Columbus a Obic

6 ONIO NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO NATIONAL METAL PRODS CO 2 GATE-WAY CENTER PITTSBURGH 22 PA

Industries Inc 231 8 La Salle Chicago Unite

4 III OUNGSTOWN MFG INC 60-66 S PROS-PECT YOUNGSTOWN OHIO YOU

### BINS, MATERIAL STORAGE, BULK

- Acme Steel Co 2840 Archer Ave Chicago 8 Ill Allington & Curtis Mfg Co 1810 Holland Ave Saginaw Mich American Steel & Iron Works 5800 & S Lowe Chicago 21 Ill American Steel Works 1211 W 27th St Kansas

American Steel Works 1211 W 27th St Aansas City 8 Kans Armeo Drainage & Metal Prods 703 Curtis St Middletown Ohio Arrow Tank Co Inc 16 Barnett St Buffalo 15 N Y

N Y Bagenman Mfg Co Inc Arch & Shipman Rd Jereszville III Blaw-Knox Co Farmers Bank Bldg Pittsburgh Bodinson Mfg Co 2403 Bayshore Blvd San Francisco Calif

Brower Mfg Co Box 251 Quincy III Butler Bin Co 945 Blackstone Ave Waukesha

Wia Wis Butler Mfg Co 7400 E 13th St Kansas City 26

Mo Caldwell (W E) Co 2320 Brook St Louisville

8 Ky Columbian Steel Tank Co 1401 W 12th St

Columbian Steel Tank Co 1401 W 12th St Kansas Çity Mo Concrete Transport Mixer Co 4985 Fyler Ave St Luis 9 Mo Decatur Iron & Steel Co Second Street W Decatur Ala

Decaute from & Steen Co Second Street w Decaute Ala Diener Mfg Co 400 N Monticello Chicago 24 Ill Dodson Mfg Co Inc 1463 Barwise Wichita Kans Equipto Div Aurora Equipt Co John & Prairfe Sts Aurora Ill Erie-Strayer Co Giest & NP RR Erie Pa Fairfield Engr Co 324 Barnhart St Marion Ohio Farwell Metal Fabricating Div Fairfield & Walter St Paul 1 Minn Fleming Mfg Co Fleming Ave Cuba Mo General Conveyor & Mfg Co 3601 Salena St Louis 18 Mo

Louis 18 Mo Gifford-Wood Co 23 Hill St Hudson N Y Heltzel Steel Form & Iron Co Warren Ohio Houston Pipe & Sheet Metal Works Box 1692 Hours-Berg Steel & Iron Works 1366 W Ox-ford Ave Englewood Colo Jefffrey Mig Co 771 N Fourth St Columbus 16 Ohio Kalamagoo Tank & Silo C. 100 Model

Kalamazoo Tank & Silo Co 508 Harrison St

Kalamazoo Tank & Silo Co DUS HAFFISON en Kalamazoo Mich Koehring Co & Subsids 3026 W Concordia Milwaukee 16 Wis LYON METAL PRODS INC 25 MONTGOM-ERY ST AURORA ILL Market Forge Co 35 Garvey St Everett 49 Mass Material Handling Inc 4985 Fyler Ave St Louis

<sup>9</sup> Mo Midwest Steel Prods Co Railway Exchange Bldg Kansas City 6 Mo Polis (J D) Mfg Co 2904 W 26th St Chicago 23 Ill

23 III Richmond Engineering Co Inc Seventh & Hos-

23 III
Richmond Engineering Co Inc Seventh & Hospital Sts Richmond 5 Va
St Paul Foundry & Mfg Co 500 Como Ave St Paul 3 Minn
Service Parts Systems Inc 13380 E Nine Mile Rd East Detroit Mich
Sioux Steel Co Sioux Falls S D
Stackbin Corp 1195 Main St Pawtucket R I
STEELCRAFT MFG CO 9017 BLUE ASH RD
ROSSMOYNE OHIO
Super-Structures Inc 1015 S Jefferson Albert Lea Minn
Unadilla Silo Co Clifton St Unadilla N Y
Universal Steel Equipt Corp 22-35 47th Ave Long Island City 1 N Y
Winslow Government Standard Scale Co 25th & Haythorne Terre Haute Ind
Neff & Fry Co 150 S Main St Camden Ohio

# **BIRD BARRIERS & REPELLENTS** NIXALITE COMPANY OF AMERICA 115-119 W THIRD ST DAVENPORT IOWA

**BIRD REPELLENT DEVICES** 

NIXALITE CO OF AMERICA 115-119 W 3RD ST DAVENPORT IOWA

Acrabore Inc Mill St Webster Mass Dura-Bilt Tool Co Inc 60 "N" Ave Box 216 Natick Mass Graham (John H) & Co Inc PO Box 1042 New York 8 N Y GREENLEE TOOL CO 2136 12TH ST ROCK-FORD ILL Irwin Auger Bit Co Wilmington Ohio Mephisto Tool Co Inc Box 16 Hudson N Y MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS Ox-Wall Tool Co 928 Broadway New York 10 N Y

N Y Producto Tool & Star Bit Co 1149 Railroad Ave Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa STANLEY TOOLS DIV 111 ELM AVE NEW BRITAIN CONN Yates-American Machine Co 729 Fourth St Beloit Wis

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PORT. IOWA. U.S.

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Nixalite

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BUILDINGS OF BIRDS XALITE COMPANY OF

BITS, AUGER

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### BITS, SAW, CIRCULAR

Atkins (E C) Div Borg-Warner Corp 402 S Illinois St Indianapolis 9 Ind BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO Corley Mfg Co Clifton Hills Chattanooga 1

Tenn Hoe (R) & Co Inc 910 E 138th St New York 54 N Y Hoe (R) & Co Inc 910 E 138th St New York 54 N Y Payne (B H) & Co 101 W Taylor Ave East Foint Ga & STEEL CO 470 MAIN ST FITCHEURG MASS

### BLACKBOARD

Benjamin Electric Co Des Plaines Ill Colotyle Tyle-Bord Inc 975 John St Seattle 9

Wash ael Prods Co Eddy Rd & Taft Ave Cleve-Er

Enamel Prods Co Eddy Rd & Taft Ave Cleve-land 8 Ohio Gotham Chaikboard & Trim Co Ine 91 Wey-man Ave New Rochelle M Y Harris Preble Fire Doors Inc 4608 W 20th St Chicago 50 Ill Ingram-Richardson Mfg Co 32nd St Beaver Falls Pa New York Standard Blackboard Co Inc 144 W 18th St New York 11 N Y Nu-Class Inc 1384 Grandview Ave Columbus 12 Ohio

Weber Costello Co Chicago Heights Ill

### BLADES, SAW, MASONRY

Bay State Abrasive Prods Co Union St West-

CLIPPER MFG CO 2800 WARWICK KANSAS CITY MO

CITY MO Evans (Robert G) Co 7204 Wyandotte Kansas City 14 Mo EVEREADY BRIKSAW CO 1509 S MICHI-GAN BLVD CHICAGO 5 ILL General Engines Co Inc Route 130 Thorofare

N J HEINEMAN (F) SAW & MFG CO 2017 NAVARRE RD SW CANTON 6 OHIO MALL TOOL CO 7746 S SOUTH CHICAGO AVE CHICAGO 19 ILL Meyers (W F) Co 1017 14th St Bedford Ind Norton Co 1 New Bond St Worcester 6 Mass SIMONDS ABRASIVE CO TACONY & FRA-LEY ST PHILADELPHIA 37 PA Stone Machinery Co 316 Fayette St Manlius NY

# BLADES, TRACTOR-MOUNTED

AMERICAN TRACTOR CORP TERRA DRIVE

AMERICAN TRACTOR CORP TERRA DRIVE CHURUBUSCO IND ARPS Crop New Holstein Wis FORD TRACTOR DIV 2500 E MAPLE RD BIRMINGHAM MICH SHAWNEE MFG CO INC 1947 N TOPEKA TOPEKA KANS

# **BLINDS, VENETIAN**

Bailey & Weston Inc 81 Washington St Bos-ton 14 Mass Bills Window Shade & Venetian Blind Co 5459-69 S Lake Park Chicago 15 Ill Bostwick-Goodell Co 50 Jefferson Norwalk Conn Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio Carey-McFall Co 2156 E Dauphin St Philadel-

Carey-McFall Co 2156 E Dauphin St Philadel-phia 25 Pa Central Venetian Blind Mfg Co 2829 N Natoma Chicago 34 Ill Chicago 34 Ill Chicago 810 Clearview Louver Window Co 2625 Elm St Dulka 1 Torce

Dallas I Texas CONSOLIDATED GENERAL PRODS INC PO BOX 7425 HOUSTON TEXAS Couch Brothers Mfg Co 100 E Ware Ave East

Point Ga

D. Jong Inc 34-23 36th St Long Island City 1

M Y Dickey Mfg Co Onkwood Ohio EASTERN MACHINE PRODS CO 1601 WICO-MICO ST BALTIMORE 30 MD Hettrick (W E) & Son Co 3333 Maple Station D Toledo 8 Ohio

D Toledo S Onio HUNTER DOUGLAS CORP 150 BROADWAY NEW YORK 38 N Y Mackin Venetian Blind Co 300 W Sixth St Momence Ill

Momence 111 Murray Venetian Blind Corp Brooklyn 30 N Y National Venetian Blind Co 1770 N Sichel Los Angeles 31 Calif ROLSCREEN CO MAIN ST PELLA IOWA Russell Mfg Co 400 E Main St Middletown Conn Conn

Conn Universal Venetian Blind Co 215 S Harlem Foreat Park Ill Voker (W M) & Co 230 Main St Kansas City

10 Mo

Wagner Awning & Mfg Co 2658 Scranton Rd Cleveland 1 Ohio Cleveland 1 Ohio Cleveland 1 Ohio WARREN SHADE CO INC 2907 E HENNE-PIN AVE MINNEAPOLIS MINN Warren Venetian Blind Co 2907 E Hennepin Ave Minneapolis Minn

Yardley Industries 138 Parsons Ave Columbus 15 Ohio

### BLOWERS, AIR

Aerovent Fan Co Inc Ash & Beacon Sts Piqua ontrols Inc 2310 Superior Ave Cleveland

Air c 14 Air Controls Inc 2310 Superior Ave Cleveland 14 Ohio American Foundry & Furnace Co 125 N Mc-

American Foundry & Furnace Co 125 N mc-Clua St Bloomington III American Larson Ventilating Co 550 Grant St Route 146 Pittsburgh 22 Pa Bessam Engineering Co 2528 Overlook Rd Cleveland Heights 6 Ohio Champion Blower & Forge Co 1947 Charlotte Lancaster Pa

Lancaster Pa CHELSEA FAN & BLOWER CO INC 639 S AVENUE PLAINFIELD N J Clarage Fan Co 719 Porter St Kalamazoo Mich Dependable Machine Co Box 839 Greensboro N C

N G igid Inc 128-68 32nd St Brooklyn 32 N Y ichner Inc 1900 Kendall NE Washington 2 D C

D C Hartzell Prop Fan Div Castle Hills Corp 1964 Shoyer Ave Piqua Ohio HERMAN NELSON DIV AMERICAN AIR FILTER CO INC 215 CENTRAL AVE LOUISVILLE KY HOMELUTE DIV TEXTRON AMERICAN INC

HOMELITE DIV TEXTRON AMERICAN INC 67 EIVERDALE AVE PORT CHESTER N Y Ilg Electric Ventilating Co 2850 N Pulaski Rd Chicago 41 Ill Lamaon Corp 303 L

Kd Unleago 41 III Lamson Corp 303 Lamson St Syracuse 1 N Y LENNOX INDUSTRIES INC 200 S 12TH AVE

MARSHALLTOWN IOWA Peerless Electric Co 1401 W Market St War-ren Ohio

ren Oho Queen-Stove Works Inc 505 Fromt St Albert Lea Minn Schwitzer-Cummins Co 1125 Massach Ave Indianapolis 7 Ind Standard Electric Mfg Co Inc Haddon Ave West Berlin N J TRADE-WIND MOTOR FANS INC 7755 PARAMOUNT BLVD RIVERA CALIF Trane Co 3rd & Cameron La Crosse Wis United States Air Conditioning Corp Como Ave SE at 33rd Minneapolis Minn Uno Ventilator Co 1236 Eastern Ave Malden 48 Mass Uno Vent 48 Mass

48 Mass Utility Appliance Corp 4851 S Alameda St Los Angeles 55 Calif Viking Air Prods Div National-US Radiator Corp 5601 Walworth Ave Cleveland 2 Ohio Westinghouse Air Conditioning Div Box 510 Stauton Va

### **BLOWERS, FURNACE**

American Blower Corp Div American-Standard 8111 Tireman Ave Detroit 32 Mich American-Standard Air Conditioning Div Elyria Ohio

Champion Blower & Forge Co 1947 Charlotte

Champion Blower & Forge Co 1947 Charlotte Lancaster Pa Cleveland Heater Co 2310 Superior Ave Cleve-land 14 Ohio Dowagiae Steel Furnace Co Dowagiae Mich Front Rank Mfg Co Div Liberty Foundry Co 2500 Ohio Ave St Louis 4 Mo GRAINGER (W W) INC 118 S OAKLEY BUVD CHICAGO 12 ILL 118 S OAKLEY Holland Furnase Co Holland Mich

Holland Furnace Co Holland Mich LAU BLOWER CO 2001 HOME AVE DAY-

TON IND

Meyer Furnace Co 1300 S Washington Peoria

III NELSON (HERMAN) CORP DIV AMER-ICAN AIR FILTER CO INC 6245 S PU-LASKI RD CHICAGO 29 ILL NIAGARA FURNACE DIV FOREST CITY FOUNDRIES CO 2500 W 27TH ST CLEVE-LAND 13 OHIO Peerleas Electric Co 1401 W Market St War-

Ohio ren United States Air Conditioning Como Ave SE

United States Air Conditioning Como Ave SE at 33rd Minneapolis Minn Viking Air Prod Div National-US Radiator Co 5601 Walworth Ave Cleveland 2 Ohio WESTAIR FAN & BLOWER DIV WESTERN APPLIANCE CO INC 5646-59 GRAND RIVER DETROIT 8 MICH WILLIAMSON CO 3500 MADISON RD CIN-CINNATI 9 OHIO

# **BLOWERS, INSULATION**

Abestos Asphalt & Insulation Inc 2100 Fuller-ton Ave Chicago 47 III CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO Universal Insulating Co 333 S Walnut St Van Wert Ohio

# WESTAIR FAN & BLOWER DIV WESTERN APPLIANCE CO INC 5646-50 GRAND RIVER DETROIT 8 MICH

### BLOWERS, PORTABLE ELECTRIC

Aerovent Fan Co Inc Ash & Beacon Sts Piqua Ideal Industries Inc 1335 Park Ave Sycamore

Ill Schwitzer-Cummins Co 1125 Massach Ave Indianapolis 7 Ind SKIL CORP 5033 ELSTON AVE CHICAGO

SKIL CORP 5033 ELSTON AVE CHICAGO 30 ILL Standard Electric Mfg Co Inc Haddon Ave West Berlin N J

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### BOARDS, GLASS CUTTING

Fletcher-Terry Co 437 South St Forestville Conn Glaziers Tool Mfg Co 611 W Adams Chicago 6 Ill Heller (W C) & Co 1050 Bryant St Mont-pelier Ohio Pelier Onto LUFKIN RULE CO 1739 HESS NAW MICH Marvel Rack Mfg Co 24 N First St Minne-apolis 1 Minn (apolis 1 Minn) (apolis 1 30 COIT ST IRVING-

apolis 1 Minn RED DEVIL TOOLS 130 COIT ST IRVING-TON N J Ridgely Trimmer Co 1300 Kenton St Spring-field 99 Ohio

field 99 Ohio Sommer & Maca Glass Machinery Co 3600-08 S Oakley Chicago 9 Ill Warner Mfg Co 801 16th Ave SE Minneapolis Minn

BOILERS, STEAM & HOT WATER

Aldrich Co 111 Williams St Wyoming Ill AMERICAN-STANDARD PLUMBING & HEATING DIV PO BOX 1226 PITTSBURGH 30 PA

30 PA Stratton & Terstegge Co Anchor Div 300 Cul-bertson Ave New Albany Ind BRYANT HEATER CO 48 MONUMENT CIRCLE INDIANAPOLIS 4 IND Burnham Corp Boiler Div 2 Main St Irvington

NY Century Engr Corp 401 Third S E Cedar Rapids Iowa CLEVELAND STEEL PRODS CO 16025 BROOKPARK RD CLEVELAND 11 OHIO Grane Co 836 S Michigan Chicesgo 5 Ill DELCO APPLIANCE DIV LYELL & WHIT-NEY ST ROCHESTER NY Deweg-Shepard Boiler Co 1311 N Capitol Ave Indiancelle India

Dewey-Shepard Boiler Co 1311 N Capitol Ave Indianapolis Ind DUNKIRK RADIATOR CORP 85 MIDDLE RD DUNKIRK NY Eric City Iron Wka PO Box 1190 Eric Pa Fitzgibbons Boiler Co Inc 101 Park Ave New York NY

YOR NY Fluid Heat Div Anchor Post Prod 6500 East-ern Ave Baltimore 24 Md GENERAL EIJECTRIC CO 5 LAWRENCE ST BLOOMFIELD NJ

ST BLOOMFIELD NJ Gilbert & Barker Mfg Co Cold Springs Ave W Springfield Mass Harvey-Welipple Inc 2155 Columbus Ave Springfield Mass HEIL CO 2000 W MONTANA ST MILWAU-KEE 2 WIS HYDRALINE PRODS DIV BORG-WARNER CORP 18538 MACK AVE DETROIT 36 WICH

MICH HYDROTHERM INC CLINTON AVE NORTHVALE NJ International Heater Co 101 Park Ave Utica

NY IRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO JANITROL HEATING & AIR CONDITION-ING DIV SURFACE COMBUSTION CORP 400 DUBLIN AVE COLUMBUS 16 OHIO Jettromaire Inc 1100 E Warrington Pittsburgh

Sectionaire inc filos E warrington Pittsdurgin 10 Pa
 Kewanee Boiler Div American-Standard 101
 Franklin St Kewanee III
 KOHLER CO 44 HIGH ST KOHLER WIS
 KOVEN & BRO INC 154 OGDEN AVE JER-SEY CITY 7 NJ
 Kresky Mig Co 2nd & H Sts Petaluma Calif
 Lookout Boiler & Mig Co Mig Rd & Compress Chattanooga Tenn
 LYCOMING SPENCER HEATER DIV AVCO
 MFG CORP WILLIAMSPORT PA
 MUELLER CLIMATROL CORP 2005 W
 OKLAHOMA ST MILWAUKEE 15 WIS
 Munroe & Sons Mig Corp Smallman at 23rd Pittsburgh 22 Pa
 National Alroil Burner Co 1284 E Sedgley Ave Philadelphia B1 Pa

National Airoil Burner Co 1284 E Sedgley Ave Philadelphia 31 Pa National-US Radiator Corp 223 Central Ave Johnstown Pa PENN BOILER & BURNER MFG CORP FRUITVILLE RO LANCASTER PA Petro 3170 W 106th St Cleveland 11 Ohio PRECISION PARTS CORP 400 N FIRST ST NASHVILLE 7 TENN

AMERICAN BUILDER

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Warren (J D) Mfg Co Montpelier Ohio

Quiet Automatic Burner Corp 33 Bloomfield

Quiet Automatic Burner Corp 33 Bloomfield Ave Newark 4 NJ RICHMOND RADJATOR CO P O BOX 111 METUCHEN NJ ROBERTS-GORDON APPLIANCE CORP 44 CENTRAL AVE BUFFALO 6 NY RUUD MFG CO 2025 FACTORY ST KALA-MAZOO 21 MICH Scaife Co Timken Silent Automatic Div 26 Ann St Oakmont (Pittsburgh Dist.) Pa Seattle Boiler Works Inc 5237 E Marginal Way Seattle H Wash Siebring Mfg Co South Majn St George Iowa SaMITH (A O) CORP PERMAGLAS DIV P O BOX 28 KANKAKEE ILL Smith (H B) CO Westfield Mass Thatcher Furnace Co Center St Garwood N J Utica Radiator Corp 2201 Dwyer Ave Utica 2 NY Viking Mfg Corp 1747 Chester Ave Churchen

Viking Mfg Corp 1747 Chester Ave Cleveland

14 Ohio WATERFILM BOILERS INC 36-40 NEW YORK AVE JERSEY CITY NJ Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind Weil-McLain Co Michigan City Ind York-Shipley Inc P O Box 349 York Pa

### **BOLTS, EXPANSION**

Ackerman Johnson Co 625 W Jackson Chicago 6 III

6 III American Expansion Bolt Mfg Co 903 N Snaulding Chicago III American Expansion Bolt Mig Co 903 N Spaulding Chicago III AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN

BRITAIN CONN rro Expansion Bolt Co 1526 N Boone Ave Marion Ohio rush Nail Expansion Bolt Co Greenwich Ama

Brush

Conn CHASE BRASS & COPPER CO INC 236 CRAND ST WATERBURY 20 CONN Chicago Expansion Bolt Co 1338 W Concord Pl Chicago 22 III

Pi Chicago 22 III Clark Brothers Bolt Co Inc Milidale Conn COLORADO FUEL & IRON CORP CONTI-NENTAL OIL BLDG DENVER 2 COLO CORBIN (P&F) DIV AMERICAN HARD-WARE CORP 102 WASHINGTON ST NEW BRITAIN CONN Diamond Expansion Bolt Co Inc 500 North Ave Garwood NJ Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md E G BULDING FASTENERS

more 18 Md E G BUILDING FASTENERS CORP 101 PARK AVE NEW YORK 17 NY Holub Industries Inc 413 De Kalb Ave Sycamore Ill

Lamson & Sessions Co 1971 W 85th St Cleve-land 2 Ohio National Lead Co 111 Broadway New York 6 Sessions Co 1971 W 85th St Cleve-

NY Paine Co 7 Westgate Rd Addison Ill Polis (J D) Mfg Co 2904 W 26th St Chicago

recision Devices Inc 147 Cedar St New York 6 NY Prec

6 NY 6 NY Rawplug Co Inc Industrial Div 271 Church St New York 13 NY St Louis 15 Mo STAR EXPANSION BOLT CO 142 LIBERTY ST NEW YORK NY Sterling Bolt Co 363 W Eric St Chicago III Stronghold Screw Prods 1883 W Winnemac Chicago 40 III United Screw & Bolt Corp 3590 W 58th St Cleveland 2 Ohio U S Expansion Bolt Co 500 State St York Pa

# BOOKS, BUILDING

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BOOKS, BUILDING American Technical Society 58th & Drexel Ave Chicago 37 III Architectural Plan Service Inc 89-51 164th St Jamaica 3 NY Audel (Theodore) & Co 49 W 23rd St New York NY Book Service Dept American Builder 30 Church St New York 7 NY CONSTRUCTION COST INSTITUTE BOX 8788 UNIVERSITY STA DENVER 16 COLO CRAFTSMAN BOOK CO 221 SO LABREA AVE LOS ANGELES 36 CALIF CURTIS PUBLISHING CO INDEPENDENCE SQ PHILADELPHIA PA Good Housekeeping 57th St at 8th Ave New York 19 NY International Correspondence Schools Wyo-ming & Ash Sts Seranton Pa McGraw Hill Book Co 330 W 42nd St New York 18 NY MEREDITH PUBLISHING CO 1716 LOCUST ST DES MOINES 3 IOWA Popular Science Monthly 353 Fourth Ave New York 10 NY

Reinhold Publishing Corp 430 Park Ave New

York 22 NY Standard Homes Co 2524 L St NW Washing-

ton 7 DC WILEY (JOHN) & SONS INC 440 FOURTH AVE NEW YORK 16 NY

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Book Service Dept American Builder 30 Church St New York 7 NY Home Plan Book Co 1596 Selby Ave St Paul Home Pla 4 Minn

4 Minn Homograf Co 11711 E 8 Mile Rd E Detroit Mich

Mich National Plan Service Inc 1700 W Hubbard St Chicago 22 Ill Reinhold Publishing Corp 430 Park Ave New

York 22 NY Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa Standard Homes Co 2524 L St NW Washington

7 DC TECHBUILT INC 55 BRATTLE ST CAM-BRIDGE 38 MASS WEYERHAEUSER SALES CO 1ST NATL

EYERHAEUSER SALES CO IST NATL BANK BLDG ST PAUL 1 MINN

### BRACKETS, HAND RAIL

AMERICAN HARDWARE CORP CORBIN (P F) DIV 102 WASHINGTON ST NEW BRITAIN CONN

Blum (Julius) & Co Inc Carlstadt NJ Braun (J G) Co 537 W 35th St New York 1 NY

NY Champion Hardware Co 3300 Miller St Geneva Ohio CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO CORBIN (P & F) DIV AMERICAN HDWE CORP 102 WASHINGTON ST NEW BRI-TAIN CONN Davis & Siehl Co Box 78 Sta A Cincinnati 23 Ohio Carlo Hardware Marca

Earle Hardware Mfg Co Noble & Gregg Sts Read

Reading Pa FRANTZ MFG CO 301 W 3RD ST STERLING ILL

ILL Garden City Plating & Mfg Co 1750 N Ash-land Ave Chicago 22 Ill IVES (H B) CO 5 ARTIZAN ST NEW HAVEN 8 CONN Larson Co Ave G & C&NW Ry Sterling Ill Parker (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY

New York 2 NI Phoenix Lock Co 327 3rd Ave Newark 7 NJ RICHARDS-WILCOX MFG CO 220 THIRD

RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL RUSSELL & ERWIN DIV AMERICAN HDWE CORP 102 WASHINGTON NEW BRITAIN CONN

Safe Padlock & Hdwe Co 2nd & Crystal Sta

Cate Fudiock & Mdwe Co 2nd & Crystal Sts Lancaster Pa SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN

HAVEN 9 CONN Shelby Spring Hinge Co Shelby Ohio Skillman Hardware Co Edgewood Ave Tren-ton 4 NJ Slaymaker Lock Co 115 SW End Ave Lancas-ter Pa Slaymard Bronze Co 178 W 5th St Bayonne

NJ Valley Metal Prod 222 Young St Marseilles

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### BRACKETS, ROOF

Adams Co PO Box 268 Dubuque Iowa Ajax Building Bracket Co 1551 Rydal Mt Rd Cleveland Heights Ohio Allen Steel Prod Inc 2941 E Ten Mile Rd

Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich American Ladder & Scaffold Co 5501 NW Seventh Ave Miami 38 Fla ARTCRAFT ORNAMENTAL IRON CO 724 E HUDSON ST COLUMBUS 11 OHIO Belson Mrg Co E River Rd North Aurora III Caster Mold & Machine Co 1171 Wooster Rd

Caster Mold & Machine Co 1171 Wooster Rd N Barberton Ohio Davis & Siehl Co Box 78 Sta A Cincinnati 23 Ohio Flint (A W) Co 85 Lloyd St New Haven 6

Harvard Metal Prod Inc 97-99 Reading St

Boston Mass Patton (N E) Co 303 Van Doren Champaign

III Ridgely Trimmer Co 1300 Kenton St Spring-field 99 Ohio Rugg Mfg Co Box 507 Greenfield Mass STEEL SCAFFOLDING CO 856 HUMBOLDT ST BROOKLYN 22 NY WAGNER MFG CO 122 W FIRST ST CEDAR FAILS IOWA FALLS IOWA

### **BRACKETS, SAWHORSE**

Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich American Ladder & Scaffold Co 5501 NW 7th Ave Miami 38 Fla Ave Miami 35 Fla Busch (A.G.) & Co Inc 2632 N Central Ave Chesney 39 III Concerns and Concerns and Concerns and CHESNEY INC 720 TOWNE AVE LOS AN-GELES 21 CALIF Dalton Mig Co 20 S Central Ave St Louis 5 Mo

Franklin Equipment Co Monticello Iowa GRAND HAVEN STAMPED PRODS CO GRAND HAVEN MICH Larson Co Ave G & C&NW Ry Sterling III M & M Wire Clamp Co 975 17th Ave Minnea-polis Minn Natural Plastic Block Co 2236 N 27th St

polis Minn National Plastic Block Co 2236 N 27th St Philadelphia 32 Pa Panellit Displays Inc 4545 N Ravenswood Chicago

go Ill mas Prod Co 8490 Lyndon Ave Detroit 38 Mich

Mich WAGNER MFG CO 122 W FIRST ST CEDAR FALLS IOWA

### BRACKETS, SHELF

Adams Co PO Box 268 Dubuque Iowa American Steel & Iron Works 5801 S Lowe Chicago 21 Ill Autoyre Co Oakville Conn Busch (A G) & Co Inc 2632 N Central Ave Chicago 39 Ill Champion Hardware Co 3300 Miller St Geneva Ohio Davis & Siehl Co Box 78 Sta A Cincinnati 28 Obio

Ohio FRANTZ MFG CO 301 W THIRD ST STER-LING ILL Garden City Plating & Mfg Co 1750 N Ash-land Ave Chicago 22 Ill Genseo Tools 1830 N Kostner Ave Chicago 39

GRIFFIN MFG CO 1515 CHERRY ST ERIE

GRIFFIN MFG CO 1515 CHERRY ST ERIE 6 PA HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO Harvard Metal Prod Inc 97-99 Reading St Boston Mass

Heller (W C) & Co 1050 Bryant St Mont-pelier Ohio Heyer Sales Co PO Box H Milledgeville III Joslin Displays Inc 105 Kingston Boston 11

Mass Mass & Vogt Mfg Co 658 Richmond NW Rnaped Banids 4 Mich GTERLING ILL

Knape & Vogt Mig Co 688 Richmond NW Grand Rapids 4 Mich LAWRENCE BROTHERS STERLING ILL Locke Mfg Co Ohio St Lodi Ohio M& D Display Corp 715 S Palm Ave Alham-

Locke Mig Co Onio St. Loci Onio M & D Display Corp 715 S Palm Ave Alham-bra Calif MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA MIAMI CABINET DIV CAREY (PHILIP) MFG CO 1950 GRAND AVE MIDDLE-TOWN OHIO NATIONAL MFG CO 1 FIRST AVE STER-LING IL Parker (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY Reflector Hdwe Corp 2245 % Western Ave Chicago 8 III Reliable Metal Novelty Co Inc 25 Elm Ave Mount Vernon NY 5 WATER ST NEW HAVEN 9 CONN Slaymaker Lock Co 115 SW End Ave Lan-caster & Maca Glass Machinery Co 3600-08 Sommer & Maca Glass Machinery Co 3600-08

Sommer & Maca Glass Machinery Co 3600-08 S Oakley Chicago 9 Ill STANLEY WORKS NEW BRITAIN CONN United Steel Prod Co 104 W 86th St Minnea-polis 20 Minn Warren (J D) Mfg Co Montpelier Ohio Whitehall Metal Studios Inc 5865 N Lincoln Ave Chicago 45 Ill Wilmac Metal Prods 2632 N Central Ave Chicago 49 Ill

Atkinson Mfg Co 502-14 S James Ludington Mich mich Brainerd Mfg Co N Washington Harris E Rochester NY

raun (J G) Co 537 W 35th St New York 1 NY

NY Butler (B B) Mfg Co Inc 3150 Randolph Bell-wood III CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO Flint (A W) Co 85 Lloyd St New Haven 6 Conn

Flint (A W) Co 85 Lloyd St New Haven 6 Conn
Conn Haven 6
Conn Mass
Heiler (W C) & Co 1050 Bryant St Montpelier Ohio
Ken-Ro-Bil Co Van Buren Ohio
Knape & Vogt Mfg Co 658 Riehmond NW Grand Rapids 4 Mich
MACKLANBURG-DUNCAN CO 4041 N
SANTA FE OKLAHOMA CITY OKLA
Parker (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY
PASS & SEYMOUR INC 50 BOYD AVE SYRACUSE 9 NY
Reflector Hdwe Carp 2245 S Western Ave Chicago 8 III
Reilable Metal Novelty Co Inc 25 Elm Ave Mount Vernon NY
Superior Plastics Inc 410-430 N. Oakley Chi-cago 12 III

G37

Chicago 39 Ill

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**BRACKETS, WALL** 

TENNESSEE FABRICATING CO 1490 GRIMES ST MEMPHIS TENN UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

# BRASS & COPPER, SHAPES

Alden Mfg Co 201 W Walnut St Painesville

Alden MIZ Co 201 W Wainut St Painesville Ohio ANACONDA COPPER & BRASS PRODS AMERICAN BRASS MFG CO 414 MEA-DOW ST WATERBURY 20 CONN American Sanitary Mfg Co PO Box 111 Abingdon III Blum (Julius) & Co Inc Carlstadt NJ CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN Farwell Metal Fabricating Div Fairfield & Walter St Paul 1 Minn Gichner Ine 1900 Kendall NE Washington 2 DC

2 DC Hussey (C G) & Co 2860 Second Ave Pitts-burgh 19 Pa Metals Div Olin Mathieson Corp East Alton

III REVERE COPPER & BRASS INC 230 PARK AVE NEW YORK 17 NY Scovill Mfg Co 1655 Thomaston Ave Water-ville 14 Conn Sherman (H B) Mfg Co 22 Barney St Battle

Sherman (H Creek Mich

ERICK, COMMON

Abilene Brick Co Box 1017 Abilene Texas Acme Brick Co PO Box 425 Ft Worth Texas Acme Shale Brick Co 1153 Main Buffalo 9 NY

NY Superior Clay Prod Inc Ada Okla Adel Clay Prod Co 101 Ashworth Road West Des Moines Iowa

Adel Clay Prod Co 101 Ashworth Road West Des Moines Iowa Alliance Clay Prods Co 1500 S Mahoning Alliance Ohio Alton Brick Co PO Box 394 Alton III Alwine Brick Co Van Wyck SC Baltimore Brick Co 3200 E Madison Baltimore 5 Md Bescon Brick Co 200 Beacon Brick Co 619 Beacon Bldg Wichita 2

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Kansas Belden Egick Co Canton 1 Ohio Binghamton Brick Co Inc Binghamton NY Black Hills Clay Prod Co Box 730 Belle Fourche SD

Bridgewater Brick Co Spring St East Bridge-

water Mass water Mass Brisch Brick Co 228 N LaSalle Chicago 1 Ill Broad River Brick Co Route 1 Gaffney SC Brookhaven Pressed Brick Mfg Co Brookhaven

Miss Builders Brick Co 3800 Ninth Ave S Seattle 8

Wash ash (W G) & Co 174 Third Ave N Nashville Bush

Carey Brick Co 6558 W Fullerton Chicago Ill atham Brick & Tile Co Inc Gulf NC achalis Brick & Tile Co Box 868 C Chehalis

Chehan Wash Wash Chicago Brick & Tile Co PO Box 58 Macon Ga Columbia Brick Works 1320 SE Water Ave Portland 14 Ore Consolidated Brick Co PO Box 127 Horseheads

Conso NY

Den more Brick Co 162 Hanover St Lebanon NH

NH Denver Sewer Pipe & Clay Co Box 2329 N Denver 1 Colo Donnelly Brick Co PO Box 1107 New Britain

Conn Drury Brick Co Essex Junction Vt Elgin-Butler Brick Co PO Box 816 Austin

Texas Elgin-Standard Brick Mfg Co PO Box 546

Elgin exas Elgin texas El Paso Brick Co PO Box 136 El Paso Texas Evans Brick Co 23 Newport Ave Uhrichsville Ohio Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla Frazer Brick & Tile Co PO Box 843 Dallas 21 Texas

Clay Prods Co 526 S Broadway Green

Texas Gagnon Clay Prods Co 526 S Broadway Green Bay Wis General Clay Prods Co 1445 W Goodale Blvd Columbus 8 Ohio General Shale Prods Corp Johnson City Tenn Glen-Gery Shale Brick Corp Box 182 Wyomis-sing Pa Goodrich (W S) Ine Main St Epping NH Great Falls Brick Co PO Box 220 Great Falls Mont

Guignard Brick Works Columbia SC Hall-Wheeler Brick Co Inc PO Box 162 Jones-

Hanley Co 101 Park Ave New York NY Hanley Co 101 Park Ave New York NY Harrisville Brick Co PO Box 447 Ogden Utah Hattiesburg Brick Works Hattiesburg Miss Hidden Brick Co 2610 Kauffman Ave Vancouver

Wash

Wash Hope Briek Works PO Box 389 Hope Ark Humboldt Brick & Tile Co 822 Bridge Hum-

humboldt Kans Hydraulic Press Brick Co 705 Olive St St Louis Mo

Illinois Brick Co 228 N La Salle St Chicago

Inte rstate Brick Co 3100 S 11th E Salt Lake City Utah Jenkins Brick Co PO Box 91 Montgomery Ala

Jova Brick Works Roseton NY Kalo Brick & Tile Co 1230 First Ave S Fort

Kalo Brick & Tile Co 1230 First Ave S Fort Dodge Iowa Kendrick Brick & Tile Co 3235 S Boulevard Charlotte NC Kingsland Clay Prods Co Lyndburst NJ Law Vegas Brick Co Las Vegas NM Lewiston Brick & Tile Co Lewiston Mont Lovell Clay Prods Co Lovel Wyo Mason City Brick & Tile Co Mason City Iowa Metropolitan Brick Inc 1017 Renkert Bldg Canton 2 Oho

Canton 2 Ohio Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn Moorhead Brick & Tile Co 5th & CGW RY St Joseph 41 Mo Oconee Clay Prods Co PO Box 262 Milledge-

villa Ga

Patton Clay Mfg Co Terra Cotta Ave Patton

Pation Clay Mfg Co Terra Cotta Ave 2 Pa Pa Peoria Brick & Tile Co PO Box 515 Peoria III Purington Brick & Tile Co PO Box 110 Gales-burg III Red River Valley Brick Corp Grand Forks ND Redfield Brick & Tile Co Redfield Iowa Reno Press Brick Co PO Box 116 Reno Nev Richland Shale Prods Co Columbia SC Roanoke Webster Brick Co Inc PO Box 780

Roanoke Webster Brick Co Inc PO Box 789 Roanoke Va Robinson Clay Prods Co 65 W State St Akron 9 Ohio Rockford Brick & Tile Co Rockford Iowa Sacramento Brick Co PO Box 843 Sacramento

eramento Brick & Tile Co Sheffield Iowa leffield Brick & Tile Co Box 732 Sheri-teridan Press Brick & Tile Co Box 732 Sheri-Sheridan

Sheridan Press Brick & Tile Co Box 732 Sheri-dan Wyo Southern Brick & Tile Co Louisville Ky Sandard Brick & Tile Corp 123 NW Fourth St Evansville 8 Ind STRUCTURAL CLAY PRODS INST 1756 K ST N W ASHINGTON DC Summit Pressed Brick & Tile Co 13th & Erie Pueblo Colo United Brick & Tile Co 903 McGee St Kansas City 42 Mo Washington Brick & Lime Co Box 2198 Spokane 10 Wash West Virginia Brick Co Charleston W Va Western Brick Co Danville III Western Brick Co Danylle III Western Brick & Supply Co Omaha Nebr Wisconsin Face Brick & Supply 4485 N Green Bay Milwaukee Wis Yankee Hill Brick Mfg Co RFD 1 Lincoln 8 Nebr

### BRICK, FACE

Abilene Brick Co Box 1017 Abilene Texas Acme Brick Co PO Box 425 Ft Worth Texas Superior Clay Prod Inc Ada Okla Adel Clay Prod Co 101 Ashworth Road West Des Moines Iowa Alliance Clay Prods Co 1500 S Mahoning Alli-ance Ohio Alton Brick Co PO Box 394 Alton III Alton Brick Co New Oxford Pa Ashe Brick Co New Oxford Pa Ashe Brick Co Van Wyck SC Baltimore Brick Co 3200 E Madison Baltimore 5 Md Beacon Brick Co 619 Beacon Bldg Wichita 2 Kanasa

Kanaaa

Kanaas Belden Brick Co Canton 1 Ohio Binghamton Brick Co Inc Binghamton NY Birmingham Building Prod Corp 3260 Fayette Ave Birmingham & Ala Black Hills Clay Prod Co Box 730 Belle Fourche SD Bowerston Shale Co Box 155 Bowerston Ohio Broad River Brick Co Route 1 Gaffney SC Brookhaven Pressed Brick Mfg Co Brookhaven Mise

Brookmarse Miss Brooks Brick Co Brewer Me Builders Brick Co 3800 Ninth Ave S Seattle 8 Wash Wash

Tenn Charleston Clay Prods Co 1947 Saunders St Charleston 22 W Va Chatham Brick & Tile Co Inc Gulf NC Chehalis Brick & Tile Co Box 868 Chehalis

Wash Cherokee Brick & Tile Co PO Box 58 Macon Ga

Chicago Fire Brick Co 1467 N Elston Chicago

Chicago Fife Brick Co 1401 is Elston Chicago 22 Ill Clay City Pipe Co Uhrichsville Ohio Colonial Clay Prod Co PO Box 233 New Brighton Pa Columbia Brick Works 1320 S E Water Ave Doctional 14 Open

Portland 14 Ore

Conco Building Prod Inc Box 111 Mendota Ill Consolidated Brick Co PO Box 127 Horseheads NY

NI Consumers Co 79 W Monroe St Chicago 3 Ill Densmore Brick Co 162 Hanover St Lebanon NH

NH Denver Sewer Pipe & Clay Co Box 2329 N Denver 1 Colo Donnelly Brick Co PO Box 1107 New Britain Conn

Drury Brick Co Essex Junction Vt Elgin-Butler Brick Co PO Box 816 Austin

Texas Elgin-Standard Brick Mfg Co Box 546 Elgin Texas

Texas El Paso Brick Co PO Box 136 El Paso Texas Evans Brick Co 23 Newport Ave Uhrichsville

Evans Brick Co 23 Newport Ave Uhrichsville Ohio Evans Pipe Co 23 Newport Ave Uhrichsville Ohio

Bay Wis General Clay Prod Co 1445 W Goodale Blvd Columbus 8 Ohio General Shale Prod Corp Johnson City Tenn Glen-Gery Shale Brick Corp Box 182 Wyomis-sing Pa

Great Falls Brick Co PO Box 220 Great Falls

Mont Guignard Brick Works Columbia SC Hall-Wheeler Brick Co Inc PO Box 162 Jones-

boro Ark Hanley Co 101 Park Ave New York NY Harrisville Brick Co PO Box 447 Ogden Utah Hattiesburg Brick Works Hattiesburg Miss Hope Brick Works PO Box 389 Hope Ark Humboldt Brick & Tile Co 822 Bridge Hum-

boott Bans Hydraulie Press Brick Co 705 Olive St St Louis Mo Illinois Brick Co 228 N La Salle St Chicago Ill

III International Briek Co El Paso Texas Interstate Briek Co 3100 S 11th E Salt Lake City Utah Isenhour Briek & Tile Co PO Box 1249 Salis-bury NC

bury NC Jenkins Brick Co PO Box 91 Montgomery Ala Kalo Brick & Tile Co 1230 First Ave S Fort

Kalo Brick & Tile Co 1230 First Ave S Fort Dodge Jowa Kendrick Brick & Tile Co 3235 S Boulevard Charlotte NC Kingsland Clay Prods Co Lyndhurst NJ Kraftile Co Niles Calif Laredo Brick Tile Co Inc PO Box 1393 Laredo

Krattue on Laredo Brick Tile Co Inc For Texas Las Vegas Brick Co Las Vegas NM Lewiston Brick & Tile Co Lewiston Mont Lovell Clay Prod Co Lovell Wyo Mason City Brick and Tile Co Mason City Towa Hotsonolitan Brick Inc 1017 Renkert Bldg

Iowa Metropolitan Brick Inc 1017 Renkert Bldg Canton 2 Ohio Midland Brick & Tile Co Chillicothe Mo Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn Moorhead Brick & Tile Co 5th & C G W Ry St Joseph 41 Mo

New England Brick Co 324 Rindge Av Cam-

bridge 40 Mass Oconee Clay Prods Co PO Box 262 Milledge-ville Ga Old Virginia Brick Co Salem Va Pacific' Clay Prod 1255 W Fourth St Los Angeles Calif

Paxton Brick Co Lock Box 154 Watsontown

Pa Peoria Brick & Tile Co PO Box 515 Peoria Ill Purington Brick & Tile Co PO Box 110 Gales-burg Ill Redfield Brick & Tile Co Redfield Iowa Reno Press Brick Co PO Box 116 Reno Nev Richards Brick Co Edwardsville Ill Roanoke Webster Brick Co Ine PO Box 780

Contour webster Brick Co Inc PO Box 780 Roanoke Va cokford Brick & Tile Co Rockford Iowa ote Trading Corp 41 E 42nd St New York 17 NV

NY Sheffield Brick & Tile Co Sheffield Iowa Sheridan Press Brick & Tile Co Box 732

Sheffield Brick & Tile Co Sheffield Iowa Sheridan Presa Brick & Tile Co Box 732 Sheridan Wyo Silbrico Corp 5901 W 66th St Chicago 38 III Southern Brick & Co Ninety-Six SC Southern Brick & Tile Co Louisville Ky Standard Brick & Tile Corp 123 NW Fourth St Evansville 8 Ind Stone Creek Brick Co Stone Creek Ohio Streator Brick Div Hydraulic-Press Brick Co 321 E Main St Streator III

STRUCTURAL CLAY PRODS INST 1756 K ST N W WASHINGTON DC

Summit Pressed Brick & Tile Co 13th & Erie Pueblo Colo

Summitville Face Brick Co Summitville Ohio YNTRON CO 618 LEXINGTON AVE HOMER CITY PA

Texas Brick Co PO Box 510 Brownwood Texas Twin City Brick Co 1407 Marshall Ave St Paul 4 Minn United Brick & Tile Co 903 McGee St Kansas City 42 Mo United Materials & Richmond Brick Co PO Box 7 Point Richmond Calif

UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

Washington Brick & Lime Co Box 2198 Spokane 10 Wash Wataontown Brick Co Watsontown Pa West Virginia Brick Co Charleston W Va Western Brick Co Danville III Western Brick Co Clinton Okla

AMERICAN BUILDER

CORP 327 FIFTH AVE PITTS-

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Ohio Fairfield Brick Co Zoarville Ohio Fairfield Brick & Tile Co Fayette Mo Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla Gaznon Clay Prod Co 526 S Broadway Green Bay Wis

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SYNTRON

bridge

BURGH PA

40 Mass

Western Brick & Supply Co Omaha Nebr Williamina Clay Prods Co PO Box 1267 Port-land Ore

- Wisconsin Face Brick & Supply 4485 N Green
- Wisconsin Face Brick & Supply 4485 N Green Bay Milwaukee Wis Yankee Hill Brick Mfg Co RFD 1 Lincoln 8 Nebr

### BRICK, SCR

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- Abilene Brick Co Box 1017 Abilene Tex Adel Clay Prod Co 101 Ashworth Road West Des Moines Iowa Alliance Clay Prods Co 1500 S Mahoning Alli-ance Ohio
- ance Ohio Builders Brick Co 3800 Ninth Ave S Seattle 8 Wash Wasn Cherokee Brick & Tile Co PO Box 58 Macon
- Ca
- Ga Clayeraft Co Box 866 Columbus 16 Ohio Consolidated Brick Co PO Box 127 Horsehead NY
- NI Elgin-Standard Brick Mfg Co Box 546 Elgin
- Eigin-standard Brick Mig Co Box 546 Elgin Texas Fairfield Brick Co Zoarville Ohio General Shale Prod Corp Johnson City Tenn Glen-Gery Shale Brick Corp Box 182 Wyomis-sing Pa
- Brick Co 3100 S 77th E Salt Lake Interstate City
- y Utah Brick & Tile Co 1230 1st Ave S Fort Kalo Brick & Dodge Iowa
- Kendrick Brick & Tile Co 3235 S Boulevard
- Kendrick Brick & Tile Co 3235 S Boulevard Charlotte NC Laredo Brick Tile Co Inc PO Box 1393 Laredo Texas Metropolitan Brick Inc 1017 Renkert Bldg Canton 2 Ohio NATCO CORP 327 FIFTH AVE PITTS-
- NATCO CORP 327 FIFTH AVE PITTS-BURGH PA Peoria Brick & Tile Co PO Box 515 Peoria III Rockford Brick & Tile Co Rockford Iowa Streator Brick & Die Hydraulie Press Brick Co 321 E Main St Streator III STRUCTURAL CLAY PRODS INST 1756 K ST N WASHINGTON DC United Brick & Tile Co 903 McGee St Kansas City 42 Mo

### **BRICK, VENEER, SYNTHETIC**

AMERICAN CEMENT PROD 7306 PURITAN

- AVE DETROIT 38 MICH Gold Seal Asphalt Roofing Co PO Box 302 Chicago Heights III HOLL-E-WOOD CO ONAMIA MINN

Kraftile Co Niles Calif Vermiculite-Northwest Inc 2107 N 34th Seattle Wash

### **BRILGING, STEEL**

Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich BETHLEHEM STEEL CO 701 E THIRD ST BETHLEHEM PA BRAINARD STEEL DIV SHARON STEEL CORP GRISWOLD ST WARREN 0410 CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 0410 Conver Steel & Wire Co 600 E 132nd St New York 54 NY

- York 54 NY DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Flash Bridge Co US 31 & 32 St Holland Mich Glover Mig & Sales Co 2401 Manchester Rd
- Akron Ohio
- Akron Ohio Harris Inc 200 E Long St Columbus Ohio Heckmann Bldg Prod Co 4018 W Lake Chicago 24 Ill
- Hohmann & Barnard Inc 204 E 33rd St New York 15 NY
- International Steel Co 1321 Edgar St Evans-ville 7 Ind JUNIOR-PRO PROD CO 118 MARCEAU ST
- ST LOUIS 16 MO anebro Mfg Co 110 Main St W Poughkeep-sie NY Laneh

- aie NY MacQueen Service 312 Savings and Trust Bildg Butler Pa Met-Cro Specialties Co Inc PO Box 406 Port-chester NY MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO STA-TITE INC 4020 PORT WASHINGTON MLWAUKEE 12 WIS Tabor Buppell Co. Inc 1112 Metapolican Bidge

- MILWAUKEE 12 WIS Taber Bushnell Co Ine 1112 Metropolitan Bldg Minneapolia 1 Minn Weatherguard Service Inc 564 Jackson Ave New York 55 NY

### **BUCKETS, CLAMSHELL**

Blaw-Knox Co Farmers Bank Bldg Pitts-burgh 30 Pa Erie-Strayer Co Giest & NP RR Erie Pa George Haiss Mfg Co Inc 350 Fifth Ave New York 1 NY Koehring Co & Subsid 3026 W Concordia Milwaukee 16 Wis

- Marion Power Shovel Co 617 W Center St Marion Ohio
- Marion Ohio Orton Crane & Shovel Co 608 S Dearborn St Chicago 5 Ill Owen Bucket Co 6001 Breakwater Ave Cleveland 2 Ohio
- land 2 Ohio Pettibone Mulliken Corp 4700 W Division Chieago 51 III Schield Bantam Co 262 Park St Waverly Iowa SHAWNEE MFG CO INC 1947 N TOPEKA TOPEKA KANS Silent Hoist & Crane Co 875 63rd St Brook-lyn 20 NY

### BUCKETS, CONCRETE

- BIL JAX INC 100 WYSE RD ARCHBOLD OHIO Blaw-Knox Co Farmers Bank Bldg Pittsburgh
- 20 D.

- Daw Pailox Co Farmers bank Bing Pittsburgh 30 Pa
   Erie-Strayer Co Giest & NP RR Erie Pa
   Erie-Strayer Co Giest & Iron Co Warren Ohio
   Howry-Berg Steel & Iron Wiss 1366 W Oxford Ave Englewood Colo
   Koehring Co & Subsid 3026 W Concordia Milwaukee 16 Wis
   Nesco Inc PO Box 6 Granite City III
   US Steel Prods Div US Steel Corp 5100 Santa Fe Ave Los Angeles 58 Calif
   Wheeling Corrugating Co 1134 Market St Wheeling W Va

### BUILDINGS, METAL

- American Bridge Div US Steel Corp 525 Wil-liam Penn Pittsburgh 30 Pa Armco Drainage & Metal Prods 703 Curtis St Middletown Ohio Butler Mig Co 7400 E 13th St Kansas City 26

- Butler Mig Co 7400 E 13th St Kansas City 26 Mo Columbian Steel Tank Co 1401 W 12th St Kansas City Mo INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE W1S International Steel Co 1321 Edgar St Evans-ville 7 Ind Luria Engineering Co 511 Fifth Ave New York 17 NY Macomber Inc 1925 Tenth Canton Ohio MacQueen Service 312 Savings and Trust Bldg Butler Pa Masterfreeze Corp Sister Bay Wis Mesker (George L) Steel Corp 400 NW First St Evansville 8 Ind Soule Steel Co 1750 Army St San Francisco 24 Calif

- 24 Calif STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO STRAN-STEEL CORP UN'T OF NATIONAL STEEL CORP (ECORSE) DETROIT 29 MICH
- MICH TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN OHIO
- 1 OHIO UNITED STEEL FABRICATORS INC 333 GASCHE ST WOOSTER OHIO WAGNER IRON WKS 1905 S FIRST ST MILWAUKEE 1 WIS

### **BUGGIES, CONCRETE**

- American Steel Scraper Co Wilkinson Ave American Steel Scraper Co Wilkinson Ave Sidney Ohio Koehring Co & Subsid 3026 W Concordia Milwaukee 16 Wis Whiteman Mfg Co 13020 Pierce Ave (Pacoima) Los Angeles Calif

### BULLDOZERS

- Allis-Chalmers Mfg Co 1126 S 70th St Mil-waukee 1 Wis AMERICAN TRACTOR CORP TERRA DRIVE CHURUBUSCO IND
- Arps Corp New Holstein Wis Caterpillar Tractor Co 600 W Washington East Peoria 8 Ill
- East Peoria 8 III DEERE (JOHN) & CO MOLINE ILL Drott Mfg Corp 3841 W Wisconsin Milwaukee Drott Mfg Corp 3841 W Wisconsin Milwausee 8 Wis Eimco Corp 654 SW Fourth St Salt Lake City Utah FORD TRACTOR DIV 2500 E MAPLE RD BRMINGHAM MICH General Engines Co Inc Route 130 Thorofare NJ

- NJ INTERNATIONAL HARVESTER CO 180 N MICHIGAN AVE CHICAGO 1 ILL Letourneau-Westinghouse Co 2301 N Adams St Peoria III OLIVER CORP 400 W MADISON ST CHI-
- LIVER COAL STATES AND A CONTRACT OF A CONTRA Siebring Mfg ( Wood (Gar) ) Wayne Mich

### BURNERS, GAS

Aeroil Prod Co Inc 69 Wesley St South Hackensack NJ

- Aldrich Co 111 Williams St Wyoming III AMERICAN STANDARD PLUMBING & HEATING DIV PO BOX 1226 PITTS-BURGH 30 PA

- HEATING DIV FO BOX 1249 FILLS-BURGH 30 PA American Standard Air Conditioning Div Elyria Ohio Anchor Div Stratton & Tersterge Co 300 Cul-bertson Ave New Albany Ind ARMSTRONG FURNACE CO 851 W THIRD AVE COLUMBUS \$ OHIO Auburn Foundry Co Inc Heating Div Dallas & 11th St Auburn Ind Barber Gas Burner Co 3704 Superior Ave Cleveland 14 Ohio Bard Mfg Co Bryan Ohio Berger Furnace Corp Fourth & Main St Belle Vernon Pa BRYANT HEATER CO 48 MONUMENT CIRCLE INDIANAPOLIS 4 IND Century Eng Corp 401 Third SE Cedar Rap-ids Iowa

ida Jowa CLEVELAND STEEL PRODS CO 16025 BROOKPARK RD CLEVELAND 11 OHIO COMBUSTIONEER DIV STEEL PRODS ENGR CO 1205 W COLUMBIA ST SPRING-

FIELD OHIO Conco Engr Wks Div Conkey (HD) Co 1940 Thomas St Mendota III Crane Co 836 S Michigan Chicago 5 III DELCO APPLIANCE DIV GENERAL MO-TORS CORP LYELL & WHITNEY STS ROCHESTER NY Dower-Shepard Boiler Co 1311 N Capitol Ave

ROCHESTER NY Dewey-Shepard Boiler Co 1311 N Capitol Ave Indianapolis Ind El'REKA WILLIAMS CO DIV HENNEY MOTOR BLOOMINGTON ILL FLORENCE STOVE CO 1154 MDSE MART CHICAGO 54 LL Front Rank Mfg Co Div Liberty Fndy Co 2500 Ohio Ave St Louis 4 Mo Green Colonial Furnace Co 322 SW 3rd St Des Moines Iowa HANDLEY-BROWN HEATER CO 2101 BROOKLYN RD JACKSON MICH Harms All Gas Co Allison Iowa HAUCK Mfg Co 121-96 10th St Brooklyn 15 NY HEIL CO 3000 W MONTANA ST MILWAU-KEE 2 WIS Henry Furnace Co Molina Ohio Holland Furnace Co Holland Mich Illinois Iron & Bolt Co Carpentersville III Ingersoll Conditioned Air Div Borg-Warner Corp 760 E Vine St Kalamazoo Mich International Mfg Co 675 Rio Grande Ave Intelnoinal Mfg Co 3170 W 106TH ST CLEVELAND 11 OHIO

IRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO JACKSON & CHURCH CO 321 N HAMILTON ST SAGINAW MICH JACKSON MFG CO LOCHIEL RD HARRIS-

JACKSON MFG CO LOCHIEL RD HARRIS-BURG PA JANITROL HEATING & AIR CONDITION-ING DIV SURFACE COMBUSTION CORP 400 DUBLIN AVE COLUMBUS 16 OHIO Ko-Z-Aire Prods Ine 401 W Coolbugh St Red Oak Iowa

Oak Iowa LENNOX INDUSTRIES INC 200 S 12TH AVE MARSHALLTOWN IOWA Meyer Furnace Co 1300 S Washington Peoria

111 MUELLER CLIMATROL CORP 2005 W OKLAHOMA ST MILWAUKEE 15 W18 National Airoil Burner Co 1284 E Sedgley Ave Philadelphia 34 Pa National US Radiator Corp 223 Central Ave Johnstown Pa

NIAGARA FURNACE DIV FOREST CITY FOUNDRIES 2500 W 27TH ST CLEVE-LAND 13 OHIO

OLSEN (CA) MFG CO FILBERT ST ELYRIA

Patten (JV) Co 550 DeKalb Ave Sycamore Ill

PENN BOILER & BURNER MFG CORP FRUITVILLE RD LANCASTER PA Petro 3170 W 106th St Cleveland 11 Ohio Queen Stove Works Inc 505 Front St Albert Lea Minn

Ray Oil Burner Co 1301 San Jose Ave San Francisco Calif

Francisco Calif **ROBERTS GORDON APPLIANCE CORP 44 CENTRAL AVE BUFFALO 6 NY** Rybolt Heater Co 615 Miller St Ashland Ohio Scaife Co Timken Silent Automatic Div 26 Ann St-Oakmont (Pittsburgh Dist) Pa Waterman-Waterbury Co 1121 Jackson St N Minnearolis Minn Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind Will-Burt Co 202 S Main St Orrville Ohio WILLIANTEON CO 2556 WADDSON BOAD

WILLIAMSON CO 3500 MADISON ROAD CINCINNATI 9 OHIO York-Shipley Inc PO Box 349 York Pa

Aeroil Prod Co Inc 69 Wesley St S Hacken-sack NJ Aldrich Co 111 Williams St Wyoming Ill

AMERICAN STANDARD PLUMBING & HEATING DIV PO BOX 1226 PITTS-BURGH 30 PA American Steel Works 1211 W 27th St Kan-sas City § Kan Anchor Div Stratton & Terstegge Co 300 Culbertson Ave New Albany Ind

G30

BURNERS, OIL

OHIO

FIELD OHIO

ARMSTRONG FURNACE CO 851 W THIRD AVE COLUMBUS & OHIO

ARMSTRONG FURNACE CO 851 W THIRD AVE COLUMBUS & OHIO Automatic Burner Corp 1823 W Carroll Ave Chicago III Bard Mfg Co Bryan Ohio Berger Furnace Corp 4th & Main St Belle Vernon Pa Century Engr Corp 401 Third SE Cedar Rapids Iowa Chalmers Oil Burner Co 312 Lumber Ex-change Minneapolis Minn CLEVELAND STEEL PRODS CO 16025 BROGKPARK RD CLEVELAND 11 OHIO COMBUSTIONEER DIV STEEL PRODS ENGR CO 1265 W COLUMBLA ST SPRINGFIELD OHIO Conco Engr Wks Div Conkey (HD) Co 1940 Thomas St Mendota III DELCO APPLIANCE DIV GENERAL MO-TORS CORP LYELL & WHITNEY STS BOCHESTER NY Dewey-Shepard Boiler Co 1311 N Capitol Ave Indiaapolis Ind

TORS CORP LYELL & WHITNEY STS ROCHESTER NY Dewey-Shepard Boiler Co 1311 N Capitol Ave Indianapolis Ind Esso Standard Oil Co 15 W 51st St New York 19 NY EUREKA WILLIAMS CO DIV HENNEY MOTOR CO BLOOMINGTON ILL Fitzgibbons Boiler Co Inc 101 Park Ave New York NY FLORENCE STOVE CO 1154 MDSE MART CHICAGO 54 ILL Front Rank Mfg Co Div Liberty Fndy Co 2500 Ohio Ave St Louis 4 Mo General Automatic Prods Corp 2300 Sinclair Lane Baltimore 13 Md Gilbert & Barker Mfg Co Cold Springs Ave West Springfield Mass Green Colonial Furnace Co 222 SW Third St Des Moines Iowa Hart Heat Div Avery Farm Machy Co Foot of Junction St Peoria III Harvey-Whipple Inc 2155 Columbus Ave Springfield Mass Hauck Mfg Co 124-36 10th St Brooklyn 15 NY HEIL CO 3000 W MONTANA ST MILWAU-KEE 2 WIS

Hauce Mig Co 124-36 10th St Brooklyn 15 NY HEIL CO 3009 W MONTANA ST MILWAU-KEE 2 WIS Henry Furnace Co Medina Ohio Holland Furnace Co Holland Mich Illinois Iron & Bolt Co Carpentersville Ill Ingersoll Conditioned Air Div Borg-Warner Corp 760 E Vine St Kalamazoo Mich IRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO JACKSON & CHURCH CO 321 N HAMIL-TON ST SAGINAW MICH JOHNSON (S T) CO 340 ARLINGTON AVE OAKLAND 8 CALIF Ko-Z-Aire Prods Inc 401 W Coolbaugh St Reed Oak Iowa Kresky Mfg Co 2nd & H Sts Petaluma Calif

Red Oak Iowa Kresky Mfg Co 2nd & H Sts Petaluma Calif Kresno-Stamm Mfg Corp 115 W Palisades Blvd Palisades Park NJ LENNOX INDUSTRIES INC 200 S 12TH AVE MARSHALLTOWN IOWA

LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALIF

MUELLER CLIMATROL CORP 2005 W OK-LAHOMA ST MILWAUKEE 15 WIS National Airoll Burner Co 1284 E Sedgley Ave Philadelphia 54 Pa

NIAGARA FURNACE DIV FOREST CITY FOUNDRIES CO 2500 W 27TH ST CLEVE-LAND II OHIO

OLSEN (C A) MFG CO FILBERT ST ELYRIA OHIO

PENN BOILER & BURNER MFG CORP FRUITVILLE RD LANCASTER PA Pereiro Mfg Corp 38 Keer Ave Newark 5 NJ Petro 3170 W 106th St Cleveland 11 Ohio QUAKER MFG CO 1147 MERCHANDISE MART CHICAGO 54 ILL Queen Stove Works Inc 505 Front St Albert Lea Minn Quiet Antonnelie B

Lea Mine works the soo Front at Albert Lea Mine at Euror Corp 33 Bloomfield Ave Newark 4 NJ Ray Oil Burner Co 1301 San Jose Ave San Francisco Calif Rybolt Heater Co 615 Miller St Ashland Ohio Scaife Co Div Timken Silent Automatic Co 28 Ann St Oakmont (Pittsburgh Dist.) Pa Silent Glow Oil Burner Co 850 Windows St Hartford Conn Thatcher Furnace Co Center St Garwood NJ Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio

Hartford Conn Thatcher Furnace Co Center St Garwood NJ Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio Waterman-Waterbury Co 1121 Jackson St N Minneapolis Minn Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind Will-Burt Co 202 S Main St Orrville Ohio WILLIAMSON CO 3500 MADISON RD CIN-CINNATI 9 OHIO York-Shipley Inc PO Box 349 York Pa

### **BUSINESS SYSTEMS & FORMS**

Acme Visible Records Inc Crozet Va Ajax Time Stamp Co 368 Broadway New York

G40

NY Delbridge Calculating Systems Inc 2502-10 Sutton Ave St Louis 17 Mo Dick (A B) Co 5700 W Touhy Chicago 31 III

Diebold Inc 818 Mulberry Rd SE Canton 2 Ohio Egry Register Co 429 E Monument Dayton 2 OLI

Chio Hamilton Autographic Register Hamilton Ohio International Business Machines 590 Madison Ave New York 22 NY LESTER (J J) & CO INC 305 CANAL ST NEW YORK NY Meilicke System Inc 3458 N Clark St Chicago

13 III Moore Business Forms Inc Niagara Falls NY National Cash Register Co S Main & K Sts Dayton 9 Ohio

National Lead Co 111 Broadway New York 6

NY REMINGTON RAND INC 315 FOURTH AVE NEW YORK 10 NY Standard Register Co Campbell & Albany Dayton 1 Ohio Tallman Robbins & Co 314 W Superior Chicago

III Todd Co Inc Rochester 3 NY Uarco Inc 5000 S California Chicago 32 III Victor Adding Machine Co 3900 N Rockwell St Chicago III

### CABINETS, HOUSEHOLD

AMERICAN KITCHENS DIV AVCO MFG CORP 18TH & COLUMBIA CONNERS-VILLE IND American Sash & Door Co 16th Bellefontaine

Kansas City 1 Mo Angel Novelty Co 340 Broad St Fitchburg

Maga

Mass ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS Brainard Industries Inc 152 S 15th St Linden-hurst LI NY

hurat LI NY Buffalo Mfg Corp 150 Pine St Grays Lake III CAPITOL KITCHENS 615 E FIRST AVE ROSELLE NJ CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE 10WA Cole Mfg Co PO Box 2657 Memphis 2 Tenn CURTIS COS INC 1200 S SECOND AVE CLINTON 10WA Delux Metal Furniture Co 402 Struthers St Warmen De

Delux Metal Furniture Co 402 Struthers St Warren Pa Excel Metal Cabinet Co Inc 1938 Johnson Jamestown NY Farley & Loetscher Mfg Co Dubuque Iowa Gardner Mfg Co 266 Barstow St Horicon Wis Gold Seal Mfg Co 1228 W Kinzie Chicago 22 Ill Gregg & Son Inc 21-31 Blandin Ave Framing-ham Mass Harrison Steel Cabinet Co 4718 W Fifth Ave Chicage 44 Ill

Chicago 44 Ill CL FURNITURE CO 410 N MAIN ST IVI

GOSHEN IND Ideal Co 24th & Mary Sts Waco Texas Ketcham Mfg Corp 70-70 80th St Brooklyn 27

Kraus (Walter S) Co 48-02 43rd St Woodside Kraus (Walter S) Co 48-02 43rd St Woodside 77 NY LYON METAL PRODS INC 25 MONTGOM-ERY ST AURORA ILL Morgan Co 520 Oregon St Oshkosh Wis MULLINS MFG CORP UNIVERSITY ST WARREN OHIO MUTSCHLER BROS 302 S MADISON ST NAPPANEE IND Northorn Leductive Inc 210 N Water St Wil

NAPPANEE IND Northern Industries Inc 310 N Water St Mil-waukee 2 Wis Palley Mfg Co 1101-07 W North Ave Pitts-burgh 33 Pa Burbank Calif Rock Island Milwork Co 2525 Fourth Ave Rock Island III

Burbank Calif Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill Rose (D M) & Co Rose PI Knoxville 4 Tenn SCHEIRICH CO 4466 LOUISVILLE AVE LOUISVILLE 9 ILL

Semling-Menke Co S Nast St Merrill Wis Shirley Corp 330 E St Joseph Indianapolis 2

Ind TECHBUILT INC 55 BRATTLE ST CAM-BRIDGE 38 MASS TRACY KITCHENS DIV EDGEWATER STEEL CO 3125 PREBLE AVE PITTS-BURGH 39 PA Walters Mfg Co 140 Pennsylvanin Oakmont Pa WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA Williams Prods Co Inc 6127 Cedar Ave Phila-delphia 43 Pa

### CABINETS, MEDICINE

Angel Novelty Co 340 Broad St Fitchburg Mass Atkins Wood Prods Corp 103-21 101 St Ozone Park NY Bennett Mig Co Railroad St Alden NY CAREY (PHILIP) MFG CO 320 S WAYNE CINCINATI 15 OHIO CHESLER (J) & SONS INC 41-49 VARICK AVE BROOKLOW 37 NY COLE MFG CO OF AUSTIN INC 705 RAY-MOND TA AUSTIN TEXAS Crane Co 836 S Michigan Chicago 5 Ill Gardner Mig CO 266 Barstow St Horicon Wis Huttig Sash & Door Co 1206S Vanderventer St Louis 10 Mo Ideal Co 24th & Mary Sts Waco Texas

Jensen Industries 159 S Anderson Los Angeles 33 Calif

andustries 159 S Anderson Los Angeles
 33 Calif
 Lawson (F H) Co Evans & Whately St Cincinnati 4 Ohio
 Lehon Co Madison at 25th Ave Bellwood Ill
 Liebman Bathroom Specialties Inc 1437 Bushwick Ave Brooklyn 7 NY
 MIAMI CABINET DIV CAREY (PHILIP)
 MFG CO 1950 GRAND AVE MIDDLETOWN OHIO

OHIO MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO National Metal-Art Mfg Co 1900 Eighth Ave Brooklyn 15 NY Ohio Window Glass Co 4045-7 St Clair Cleve-land 14 Ohio

Iand 14 Ohio REGAL CABINET SALES CO INC 1370 RALPH AVE BROOKLYN 36 NY Reliable Metal Novelty Co Inc 25 Elm Ave Mount Vernon NY TRACY KITCHENS DIV EDGEWATEK STEEL CORP 3125 PREBLE AVE PITTS-BURGH 30 PA Trimview Metal Products 600 N Third St Covina Calif

Crane Co 836 S Michigan Chicago 5 Ill FIAT METAL MFG CO 9301 W BELMONT AVE FRANKLIN PARK ILL GERBER PLUMBING FIXTURES 232 N CLARK ST CHICAGO 1 ILL Milwaukee Stamping Co 800 S 72nd St Mil-

waukee 14 Wis MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Shower Door Co of America 1301 Chattahoo-chee Atlanta Ga Trimview Metal Prods 600 N Third St Covina

American Flexible Conduit Co 31 Scott St

New Bedford Mass ANACONDA WIRE & CABLE CO 25 BROAD-WAY NEW YORK NY Boston Insulated Wire Cable Co Bay St Dor-

BOSTON Insulated Wire Cable Co Bay St Dor-chester 25 Mass CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN \* COLUMBIA-GENEVA DIV US STEEL CORP 120 MONTGOMERY ST SAN FRANCISCO 6 CALIF Courb (5 H)

6 CALIF ouch (S H) Co Inc 3 Arlington St North Quincy 71 Mass eneral Cable Corp 420 Lexington Ave New

General Cable Corp 420 Lexington Ave New York 17 NY GENERAL ELECTRIC CO CONSTRUCTION MATERIALS DIV 1285 BOSTON AVE BRIDGEPORT CONN Hazard Insulated Wire Works Div Okonite Inc 70-72 Hazel SPassaic NJ KAISER ALUMINUM & CHEMICAL SALES INC 1924 BROADWAY OAKLAND IZ CALIF Okupite Co Perceit NY

CALLE O Passaic NJ Okonie Co Passaic NJ Paranite Wire & Cable Div Essex Wire Corp 1601 Wall St Fort Wayne 6 Ind Roeblings (John A) Sons Corp 640 S Broad St Trenton 2 NJ TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 539 FAIRFIELD ALA UNITED STATES RUBBER CO 1230 AVE OF AMERICAS NEW YORK 20 NY

American Cable Div American Chain & Cable Co E Ross & Thomas Wilkes Barre Pa AMERICAN STEEL & WIRE DIV US STEEL CORP 1420 ROCKEFELLER PLAZA CLEVELAND 13 OHIO American Logging Tool Div Broderick & Bas-com Rope Co 4203 Union Blvd St Louis 16 Mo COLUMBIA-GENEVA DIV US STEEL CORP 120 MONTGOMERY ST SAN FRANCISCO & CALLF MacWhyte Co 2960 14th Ave Konngha Wir

6 CALIF MacWhyte Co 2960 14th Ave Kenosha Wis Roeblings (John A) Sons Corp 640 S Broad St Trenton 2 NJ Ugson-Walton Co 12500 Elmwood Ave Cleve-

ALLEN (W D) MFG CO 566 W LAKE ST CHICAGO 6 ILL Columbia Southern Chemical Corp 1 Gateway Center Pittsburgh 22 Pa DOW CHEMICAL CO 1000 MAIN ST MID-LAND MICH DuPont de Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del Gordon Chemical Co Inc 1100 Hickory Kansas City 7 Mo Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY

AMERICAN BUILDER

CABLES, CRANE

land 11 Ohio

CALCIUM CHLORIDE

Weis Mfg Co 941 Oak St Elkhart Ind

CABINETS, SHOWER

CABLE, INSULATED

Ma

Dedf

Calif Henry

General

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PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA SOLVAY PROCESS DIV ALLIED CHEMI-CAL & DYE CORP 61 BROADWAY NEW YORK 6 NY

Tamms 1 Ill na Industries Inc 228 N LaSalle St Chicago

yandotte Chemicals Corp Biddle Ave Wyan-dotte Mich W.

### CANVAS, CANVAS PRODUCTS

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American Tent & Awning Co 1132 Mission St San Francisco Calif Astrup Co 2937 W 25th St Cleveland 13 Ohio Bemis Bros Bag Co 408 Pine St Box 7 St Louis

Bemis B

Bernis Bros Bag Co 408 Pine St Box 7 St Louis 2 Mo 2 Reg Co 318 N Division St Spokane Wash CANVAS AWNING INSTITUTE INC MEM-PHIS TENN Canvas Specialty Co PO Box 937 Hartford Conn Carpenter (George B) & Co 401 N Ogden Ave Chicago 22 III Clifton Mig Co 323 Pleasant St E Waco Texas Daniels (C R) Inc Daniels Md Fulton Bag & Cotton Mills 170 Blvd Elsas SE Atlanta 3 Ga Goss (J C) Co 2941 E Jefferson Detroit 7 Mich Industrial Canvas Prods Corp 15-25 Flax St Delaware Ohio Johnson (J W) Co 3100 W Randolph Bellwood III

III NATIONAL COTTON COUNCIL OF AMER-ICA FRONT ST MEMPHIS TENN New York Drop Cloth Mfg Co Inc 10-57 Jack-son Ave Long Island City NY Standard Awning Co 83 Avon St Hartford 5 Conn

Conn Stanley (William W) Co Ine 401 Broadway New York 13 NY Troy Sunshade Co Grant & Scott St Troy

Troy S Ohio

Ohio Tucker Duck & Rubber Co 515 Garrison Ave Ft Smith Ark United Tent & Supply Co 759 N Spring St Los Angeles Calif

Wagner Awning & Mfg Co 2658 Scranton Rd Cleveland 1 Ohio

Jerner Canvas Prods Co 609 Bergen St Brook-lyn 38 NY W

### CANVAS, WASHABLE WALL

Astrup Co 2937 W 25th St Cleveland 13 Ohio Canvas Specialty Co PO Box 937 Hartford Conn Fulton Bag & Cotton Mills 170 Blvd Elsas SE Atlanta I Ga NATIONAL COTTON COUNCIL OF AMER-ICA FRONT ST MEMPHIS TENN Standard Coated Prods Inc Buchanan NY

### CARPETING

ALEXANDER SMITH INC 525 N BROAD-WAY WHITE PLAINS NY Bigelow-Sanford Carpet Co Inc 140 Madison Ave New York NY SIDNEY BLUMENTHAL CO INC 1 PARK AVE NEW YORK NY CARPET INSTITUTE 350 FIFTH AVE NEW YORK NY Hardwick & Mayee Co 7th & Lebish Sta

YORK NY Hardwick & Magee Co 7th & Lehigh Sts Philadelphia Pa Hewitt-Robins Inc 666 Glenbrook Rd Stamford

Conn

Masland (C H) & Sons Carlisle Pa Mohawk Carpet Mills Inc Lyon St Amsterdam NY

### CARPORTS, PREFABRICATED

Childers Mfg Co 3620 W 11th St Houston 8

Texas KAWNEER CO 1105 N FRONT ST NILES MICH LUMBER FABRICATORS INC FT PAYNE ALA

Markee Corp of America 4030 NW 29th St

Markee Corp of America 4030 NW 29th St Miami Fla Orchard Bros Inc 63 Meadow Rd Rutherford NJ Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Par STODDARD MFG CO 617 FOURTH ST SW MASON CITY IOWA TECHBUILT INC 55 BRATTLE ST CAM-BRIDGE 38 MASS Turner Mfg Co Wise St Statesville NC

### **CAR PUSHERS**

Advance Car Mover Inc 112 N Outagamie St Appleton Wis

Advance Car Mover Inc 112 N Outagamie St Appleton Wis American Logging Tool Div Broderick & Bas-com Rope Co 4203 Union Blvd St Louis 15 Mo Hough (Frank G) Co 811 Sunnyside Ave Lib-ertyville III Jeffry Mfg Co 771 N Fourth St Columbus 16 Ohio

Link-Belt Co 307 N Michigan Ave Chicago 1 III III Milford Crane & Machine Co 142 Buckingham

Millord Crane & Machine Co 14's Buckingham Ave Millord Conn CAGO ULL Silent Hoist & Crane Co 875-63rd St Brook-lyn 20 NY Stimmel Winch Co Ine 37-24 33rd St Long Is-land City 1 NY

### CARRIERS, HAND, BRICK, TILE & BLOCK

Adams Co PO Box 268 Dubuque Iowa Block-Lift Co PO Box 213 Cuyahoga Falls Ohio Builders Material Inc 601 3rd St SE Cedar

Builders Material Inc 601 3rd St SE Cedar Rapids Iowa ONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Fuller Mfg Co RR 2 Newhall Iowa GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL SWETT (A L) IRON WORKS 151 GLEN-WOOD AVE MEDINA NY Vulcan Tool Mfg Co 41 Liberty St Quincy 69 Mass

### CARTS, MATERIAL HANDLING

Acme Steel Co 2840 Archer Ave Chicago 8 Ill Aeroil Prods Co Inc 69 Wesley St S Hacken-sack NJ

sack NJ American Conveyor Co 1115 W Adams Chicago 7 Ill

American Steel Scraper Co Wilkinson Ave

American Steel Scraper Co Wilkinson Ave Sidney Ohio Chattanooga Wheelbarrow Co 1313 E Main St Chattanooga 2 Tenn Colson Corp Elyria Ohio Equipto Div Aurora Equipment Co John & Prairie Sts Aurora III Fairbanks Co 395 LaFayette St New York 3 NY

NY Farwell Metal Fabricating Div Fairfield & Walter St Paul 1 Minn French & Hecht Div Kelsey-Hayes Wheel Co 50 Farnam St Davenport Iowa Gichner Inc 1900 Kendall NE Washington 2 DC Harveye Industries 820 Vivian St Longmont

JACKSON MFG CO LOCHIEL RD HARRIS-

JACKSON MFG CO LOCHIEL RD HARRIS-BURG PA Lansing Co 603 N Cedar St Lansing 3 Mich Lewis-Shepard Profs Inc 1556 Walnut St Watertown 72 Mass LYON METAL PRODS INC 25 MONTGOM-ERY ST AURORA ILL Market Forge Co 35 Garvey St Everett 40 Mass Ney Mfg Co 948 High Ave SW Canton 4 Ohio Nutting Truck & Caster Co Inc 1625 W Divi-sion St Faribault Minn Prime Mover Co Sampson St Muscatine Iowa Victor Adding Machine Co 3900 N Rockwell St Chicago III

### CASING, METAL

Alabama Metal Lath Co Inc 3235 Fayette Ave

Alabama Metal Lath Co Inc 3235 Fayette Ave Birmingham 1 Ala Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich B & T Metals Co 425 W Town St Columbus 16 Ohio BOSTWICK STEEL LATH CO 1890 GRIS-WOLD DR NILES OHIO CASINGS INC 2408 N FARWELL AVE MIL-WAUKEE 11 WIS CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA COLORADO FUEL & IRON CORP CLINTON MASS MASS Croft Steel Prods Inc 10 Market St Jamestown

DETROIT STEEL PROD CO 2250 E GRAND

BLVD DETROIT 11 MICH BLVD DETROIT 11 MICH DRYWALL TRIM INC 2408 N FARWELL AVE MILWAUKEE 11 WIS Goldsmith Metal Lath Co 4501 Chickering Cin-

Goldsmith Metal Lath Co 4501 Chickering Cin-cinnati Ohio NLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY PENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO STEELCAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO THORN (J S) CO 8501 HEGERMAN ST FHILADELPHIA 36 PA RUSSCON STEEL DIV REFUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO VENTO STEEL PRODS CO INC 250 COLO-

VENTO STEEL PRODS CO INC 250 COLO-RADO AVE BUFFALO 15 NY

### CAULKING COMPOUNDS

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich Alside Inc 1415 Waterloo Rd Akron Ohio Aluma Life Co Inc 887 Rayner St Memphis 6

Tenn

Am erican Asbestos Prods Co 8000 Franklin American Asbestos Prods Co 8000 Franklin Blvd Cleveland Ohio AMERICAN STA-DRI CO 4102 41ST ST BRENTWOOD MD

Anti Hydro Waterproofing Co 265 Badger Ave Newark 8 NJ

Anti Hydro Waterproofing Co 265 Badger Ave Newark % NJ ARCO CO 7301 BESSEMER CLEVELAND 4 OHIO

OHIO Armstrong Co 1001 E 103rd St Chicago 28 III BALTZ (R N) & CO 1009 HARVARD TER-RACE EVANSTON ILL BARCLAY MFG CO INC 385 GERARD AVE NEW YORK 51 NY Barland Weatherstrip Material 1960 E 59th St

Barland Weatherstrip Material 1960 E 59th St Cleveland 3 Ohio BARRET DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY Belmont Smelting & Refining Works Inc 330 Belmont Ave Brooklyn 7 NY Biddle Co 608-624 & Main St Louis 2 Mo Blue Ridge Tale Co Inc Henry Va Braun (J G) Co 537 W 35th St New York 1 NY Briage-Maroney Co Inc 85 Paris St Everett 49 Mass

Braun (J G) Co 537 W 35th St New York 1 NY
Brizges-Maroney Co Inc 85 Paris St Everett 49
Mass
CALBAR PAINT & VARNISH CO 2612-26 N
MARTHA PHILADELPHIA 25 PA
CAREY (PHILIP) MFG CO 320 S WAYNE
CINCINNATI 15 OHIO
CENTRAL METAL STAP CO 4343 N WEST-ERN AVE CHICAGO 18 ILL
Ceresit Waterproofing Corp 3227 S Shields Ave
Chicago 16 III
CHAMBERLIN CO OF AMERICA 1254 LA-BROSE ST DETROIT 26 MICH
Chicago Paints Inc 4500 W 14th Chicago 23 III
Concor Co 4550 Main St Kansas City Mo
Continental Asbestos & Refining Corp 1 Madi-son Ave New York 10 NY
Dad & Lad Co PO Box 255 New Lenox III
Dernis (W J) & Co 5464 Hrving Park Rd Chicago 41 III
Devoe & Raynolds Co Inc 401 W Main St Louisville 2 Ky
DICKS-PONTIUS CO 5300 HUBERVILLE RD DAYTON OHIO
Division Lead Co 7742 W 61st Pl Summit III
Ever-Plastics Corp 420 Lexington Ave New York 17 NY
Felton Sibley & Co Inc 136 N Fourth St Phila-delphia 6 Pa
FLINTKOTE CO 30 ROCKEFELLER PLAZA

delphia 6 Pa FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Ford Roofing Prod Co 6 N Michigan Ave Chi-cago 2 III Fort Pitt Chemical Co 26th & Smallman Sts Pittsburgh 22 Pa Gibson-Homans Co 2366 Woodhill Rd Cleve-land 6 Ohio

GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO

CLEVELAND 2 OHIO GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO Gordon Chemical Co Inc 1100 Hickory Kansas City 7 Mo Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY

Island City 1 NY JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY Johns-Manville Dutch Brand Div 7800 Wood-lawn Ave Chicago 19 III Landen Putty Works 45 Irving St Malden Mass Lastik Prods Co Inc 203 Iroquois Bldg Pitts-burgh 13 Pa Lasting Prods Co Franklintown Rd Baltimore 23 Md

Lasting Prods Co Franklintown Rd Datamore 23 Md Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa Lichten Co Inc 1210 N Hoyne Chicago 22 Ill Lichtich (G J) Co 931 N Ogden Ave Chicago

MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA Mar-Kay Mfg Co 2715 S Second St St Louis Mo

MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO McGuffie (W S) & Co 3400 Theurer Ct Cleve-land U Ohio

MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY Monroe Co Inc 10703 Quebec Ave Cleveland 6 Ohio Mortell (J W) Co 550 N Hobbie Ave Kankakee

III Old American Roofing Mills 7600 Truman Rd Kansas City Mo Parker (Ira) & Sons Oshkosh Wis Pecora Paint Co Ine 4th St & Rdg RR Phila-delphia 40 Pa

PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Plastic Prods Co 6473 Georgia Ave Detroit 11 Mich.

Mich Presstite Engr Co 3900 Chouteau Ave St Louis 10 Mo Quigley Co Inc 527 Fifth Ave New York 17 NY Rancite Mfg Co 1917 S Broadway St Louis

ford Paint Mfg Co 200 Sayre St Rockford

G41

Mo

### RUBEROID CO SAA FIFTH AVE NEW YORK

RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY Schalk Chemical Co 351 E Second St Los An-geles 12 Calif Seal Rite Caulking Co 17300 Wyoming Ave Detroit Mich Servicised Prods Corp 6051 W 65th St Chicago

Servicised Prods Corp 6051 W 65th St Chicago 38 III Sika Chemical Corp 35 Gregory Ave Passaic NJ

NJ Smooth-On Mfg Co 574 Communipaw Jersey City 4 NJ Sonneborn & Sons Bldg Prod Div 404 Fourth Ave New York 16 NY Spray-O-Bond Co 2225 N Humboldt Milwaukce

12 Wis Stay-Tite Prod Co 9400 Steinway Ave Cleveland

4 Ohio Steelcote Mfg Co 3418 Gratiot St St Louis 3

Mo STERLING PAINT & VARNISH COO 184 COMMERCIAL ST MALDEN 48 MASS Stonhard Co 1306 Spring Garden Philadelphia 23 Pa

23 Pa Sullivan Co 212 E Trigg Memphis 2 Tenn Tamms Industries Inc 228 N LaSalle St Chi-cago 1 Ill Toch Bros 2600 Richmond Ter Staten Island 3 NY

a NY remco Mfg Co 8701 Kinsman Rd Cleveland Ohio Tre

Ohlo Truscon Lab Div Devoe & Raynolds Inc Caniff at Grand Trunk Detroit 11 Mich United Gilsonite Lab 1396 Jefferson Ave Scran-

ton 1 Pa United Lab Inc 16801 Euclid Ave Cleveland IS

UniteD STATES GYPSUM CO 300 W ADAMS ST CHICAGO & ILL Vanguard Weather Fend Co 1910 Broadway NE Albuquerque NM

Albuquerque NM Albuquerque NM WALLACE MFG CO 10TH & FAYETTE NORTH KANSAS CITY MO Warnica Prod 6416-18 S Ashland Ave Chicago 26 Ill

36 III Weatherguard Service Inc 564 Jackson Ave New York 55 NY Webster (W F) Cement Co 224 Thorndike Cambridge 41 Mass X-Pando Corp 43-15 36th St Long Island City

NN 1 NY ZEGERS INC 8090 S SOUTH CHICAGO AVE CHICAGO 17 ILL

# **CEILINGS, SUSPENDED**

Benjamin Electric Co Des Plaines III Compo Miracle Prods Co 15221 W 11 Mile Rd Berkley Mich INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS Lok Prod Co 5109 San Fernando Los Angeles 39 Calif

Luminous Ceilings Inc 2500 W North Ave Chi-cago 47 Ill

cago 47 Ill NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO Neo-Ray Prods Inc 313-23 E 22nd St New York 10 NY

10 NY Stewart Iron Works Inc PO Box 1039 Cincin-neti 1 Ohio Suspended Ceilings Div Sanymetal Prods Inc 1705 Urbana Rd Cleveland 12 Ohio UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

### CELLAR DRAINERS

(See Pumps, Sump)

### CEMENT, AIR-ENTRAINING

(See Cement, Portland)

### **CEMENT, ASBESTOS**

Abesto Mfg Corp 131 Wabash St Michigan City

Ind Acme Asbestos Covering & Flooring Co 239 N Elizabeth Chicago 7 III Asbestos Asphalt & Insul Inc 2100 Fuller-ton Ave Chicago 47 III CAREY (PHILLP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO Clinton Metallic Paint Co Arthur St Clinton NY

NY Curtis Mfg & Asbestos Co 29 Lewis Wharf Boston 10 Mass Eagle-Picher Co American Bldg Cincinnati 1 Ohio

Ohio FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY KEASBY & MATTISON CO BUTLER AVE AMBLER PA Lastik Prods Co Inc 203 Iroquois Bidg Pitts-burgh 19 De

Lastik Prods Co Inc 203 Iroquois Bldg Pitts-burgh 18 Pa Lehon Co Madison at 25th Ave Bellwood III LePage Inc 144 Essex Ave Gloucester 41 Mass

G42

NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Old American Roofing Mills 7600 Truman Rd Kansas City Mo PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALLF Pecora Paint Co Inc 4th St & Rdg RR Phila-delphia 40 Pa Plastic Prods Co 6473 Georgia Ave Detroit 11 Mich.

RUBEROID CO 500 FIFTH AVE NEW YORK

36 NY Rutland Fire Clay Co Curtis Ave Rutland Vt Sall Mountain Co Box 777 Hamilton Ohio

Sall Mountain Co Box 777 Hamilton Ohio Sauereisen Cements Co 1045 N Canal St Pitts-burgh 15 Pa Standard Asbastoa Mfg Co 860 W Evergreen Ave Chicago 22 III Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo US Mineral Wool Co Stanhope NJ Wilson (Grant) Inc 141 W Jackson Blvd Chi-cago 4 III

### CEMENT, CANVAS

Ambroid Co Box 30 Weymouth 88 Mass Christy Co Inc 5040 Daggett Ave St Louis 10 Chr Mo

Mo Commercial Paste Co Buttles at Michigan Columbus 8 Ohio Fanner Mfg Co Brookside Park Cleveland 9 Ohio

Ohio Howe & French Inc 798 Washington St Wey-mouth 88 Mass LePage Inc 144 Essex Ave Gloucester 41 Mass

LEPage Inc 144 Essex Ave Gloucester 41 Mass MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY MOORE (GOODLOE E) INC PO BOX 846

MOORE (GOODLOE E) INC PO BOX 846 DANVILLE ILL Wagner Awning & Mfg Co 2658 Scranton Rd Cleveland 1 Ohio Webb Prods Co 216 S "G" St San Bernardino Calif

### CEMENT, FLOOR REPAIR

American Abrasive Metals Co 460 Coit St

American Abrasive Metals Co 460 Coit St Irvington 11 NJ American Asbestos Prods Co 8000 Franklin Blvd Cleveland Ohio AMERICAN STA-DRI CO 4102 41ST ST BRENTWOOD MD

Camp Co Inc 6958 S State Chicago 21 Ill Ceresit Waterproofing Corp 3227 S Shields Ave

Chicago 16 III CHEMICAL PRODUCTS CO ABERDEEN MD Dasco Co Inc 1602 Thames St Baltimore 31 Md Kedmont Waterproofing Co 330 S Dearborn Kedmont waterprooning to sove a Learent Chicago 4 III LONE STAR CEMENT CORP 100 PARK AVE NEW YORK 17 NY Monroe Co Inc 10703 Quebec Ave Cleveland

wogran Co 25 Huntington Ave Boston 16 Sa

Mass SEDDON CO 1526 WOOSTER RD CLEVE-LAND 16 OHIO

LAND 18 OHIO Sonneborn & Sons Bldg Prods Div 404 Fourth Ave New York 16 NY Steelote Mfg Co 3418 Gratiot St St Louis 3 Mo Stonhard Co 1306 Spring Garden Philadelphia

Stonhard Co Low Optime 23 Pa Surface Protection Co 16799 Euclid Ave Cleve-land 12 Ohio Thomas Moulding Floor Co Inc 325 W Huron St Chicago 10 III Tile-Tex Div Flintkote Co 1232 McKinley Ave Chicago Heights III

Chicago Heights III och Bros 2600 Richmond Ter Staten Island 3 NY

**CEMENT, HIGH EARLY STRENGTH** 

(See Cement, Portland)

### CEMENT, KEENES

CELOTEX CORP 120 S LA SALLE ST CHI-CAGO 3 ILL CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY OHIO LIME CO WOODVILLE OHIO UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

### CEMENT, MASONRY

Alpha Portland Cement Co Alpha Bidg Easton Pa Ash Grove Lime & Portland Cement Co Fair-fax Bidg Kansas City Mo Calaveras Cement Co 315 Montgomery San Francisco Calif Consolidated Cement Corp 111 W Monroe St Consolidated Cement Co 424 Nichols Rd Kansas City 2 Mo

Florida Portland Cement Div FO Box 1525 Tampa Fla Gagnon Clay Prods Co 526 S Broadway Green Bay Wis GENERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO 3 HL Hawkeye-Marquette Gement Co 802 Hubbell Bldg Des Moines Iowa Huron Portland Cement Co 1325 Ford Bldg Detroit 26 Mich Ideal Cement Co 500 Denver National Bank Bldg Denver 2 Colo Keystone Line Works Inc Keystone Ala Kosmos Portland Cement Co 1529 Starks Bldg Louisville 2 Ky

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Reystone Lime Works Inc Keystone Ala Kosmos Portland Cement Co 1529 Starks Bldg Louisville 2 Ky Lehigh Portland Gement Co 718 Hamilton St Allentown Pa LONE STAR CEMENT CORP 100 PARK AVE NEW YORK 17 NY LOUISVILLE CEMENT CO 501 5 SECOND ST LOUISVILLE CEMENT CO 501 5 SECOND ST LOUISVILLE CEMENT CO 501 5 SECOND ST LOUISVILLE CEMENT CO 1000 MIDLAND BLDG CLEVELAND IS OHIO MISSOURI PORTLAND CEMENT CO 1000 MISDUR PORTLAND CEMENT CO 1000 MISDUR OF CHANG CEMENT CO 1000 MISOURI PORTLAND CEMENT CO 1000 MISOURI PORTLAND CEMENT CO 1000 MISOURI PORTLAND CEMENT CO 1000 North American Cement Corp 41 E 42nd St New York 17 NY Peerless Cement Corp 1144 Free Press Bldg

New York 17 NY Peerless Cement Corp 1144 Free Press Bldg Detroit 26 Mich Penn-Dixie Cement Corp 60 E 42nd St New York 17 NY Permanente Cement Co 1924 Broadway Oak-

rermanente Cement Co 1924 Broadway Oak-land Calif PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Southern Cement Co Div American-Marietta Co 605 Protective Life Bldg Birmingham 3 Ala

Ala Standard Lime & Cement Co 1st National Bank Bldg Baltimore 3 Md TRINITY PORTLAND CEMENT DIV GEN-ERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO ILL UNIVERSAL ATLAS CEMENT CO 100 PARK AVE NEW YORK 17 NY Wisconsin Face Brick & Supply 4485 N Green Bay Milwaukee Wis X-Pando Corp 43-15 36th St Long Island City 1 NY

GENERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO 3 ILL MEDUSA PORTLAND CEMENT CO 1000 MIDLAND BLDG CLEVELAND IS OHIO PITTSBURGH PLATE CLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Southern Cement Co Div American-Marietta Co 605 Protective Life Bldg Birmingham 3 AL

Ala TRINITY PORTLAND CEMENT DIV GEN-ERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO ILL UNIVERSAL ATLAS CEMENT CO 100 PARK AVE NEW YORK 17 NY

Alpha Portland Cement Co Alpha Bldg Easton Pa Ash Grove Lime & Portland Cement Co Fair-

Ash Grove Line & Portland Cement Co Fair-fax Bldg Kanasa City Mo Blue Diamond Corp 1650 S Alameda St Los An-genes Calif Calaveras Cement Co 315 Montgomery San Francisco Calif Consolidated Cement Corp 111 W Monroe St Chinere III

Consolidated Cement Corp 111 W Monroe St Chicago III Cumberland Portland Cement Co Chattanooga Tenn Dewey Portland Cement Co 424 Nichols Rd Kansas City 2 Mo Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla Florida Portland Cement Div PO Box 1528

Florida Portland Cement Div PO Box 1528 Tampa Fla GENERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO 3 ILL Hawkeye-Marquette Cement Co 802 Hubbell Bidg Des Moines Iowa Hermitage Portland Cement Co Nashville Tenn Huron Portland Cement Co 1325 Ford Bidg Detroit 26 Mich Ideal Cement Co 500 Denver National Bivd Denver 2 Colo Ideal Cement Co 300 Sansome St San Fran-cisco Calif

cisco Calif Kosmos Portland Cement Co 1529 Starks Bldg Louisville 2 Ky Lehigh Portland Cement Co 718 Hamilton St

Lehigh Portland Cement Co 718 Hamilton St Allentown Pa LONE STAR CEMENT CORP 100 PARK AVE NEW YORK 17 NY LOUISVILLE CEMENT CO 501 S SECOND ST LOUISVILLE 2 KY Marquette Cement Mfg Co 20 N Wacker Dr Chicago 6 III MEDUSA PORTLAND CEMENT CO 1000 MIDLAND BLDG CLEVELAND 15 OHIO Missouri Portland Cement Co 3615 Olive St St Louis 8 Mo

AMERICAN BUILDER

CEMENT, PORTLAND

CEMENT, NON-STAINING

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North American Cement Corp 41 E 42nd St New York 17 NY Peerless Cement Corp 1144 Free Press Bldg Detroit 26 Mich

enn-Dixie Cement Corp 60 E 42nd St New York 17 NY p.

- Permanente Cement Co 1924 Broadway Oak-
- land Calif PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Southern Cement Co Div American-Marietta Co 605 Protective life Bild Birmingham 3
- Ala

Ala Southwestern Portland Cement Co 1034 Wil-shire Blvd Los Angeles Calif Standard Lime & Cement Co 1st National Bank Bldg Baltimore B Md TRINITY PORTLAND CEMENT DIV GEN-ERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO ILL UNIVERSAL ATLAS CEMENT CO 100 PARK AVE NEW YORK 17 NY

### CEMENT, PORTLAND, WHITE

Calaveras Cement Co 315 Montgomery San

Calaveras Cement Co 315 Montgomery San Francisco Calif GENERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO 3 ILL LOUISVILLE CEMENT CO 501 S SECOND ST LOUISVILLE CEMENT CO 1000 MID-LAND BLDG CLEVELAND 15 OHIO PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA TRINITY PORTLAND CEMENT DIV GEN-ERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO ILL UNIVERSAL ATLAS CEMENT CO 100 PARK AVE NEW YORK 17 NY

### CEMENT, ROOFING

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Abesto Mfg Corp 131 Wabash St Michigan

Abesto Mfg Corp 131 Wabash St Michigan City Ind Acme Asbestos Covering & Flooring Co 239 N Elizabeth Chicago 7 Ill Armatrong Co 1001 E 103rd St Chicago 28 Ill BARRETT DIV ALLIED CHEMICAL & DYE CORP # RECTOR ST NEW YORK 6 NY BIRD & SON INC 47 WILSON ST EAST WALPOLE MASS Bonafide Mills Inc 295 Fifth Ave New York NY Camp Co Inc 6958 State Chicago 21 Ill CAREY (PHILIP) MFG CO 320 S WATNE CINCINATI 15 OHIO CELOTEX CORP 120 S LA SALLE ST CHI-CAGS ILL CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA Chicago Faints Inc 4500 W 14th Chicago 23 Ill Clinton Metallic Faint Co Arthur St Clinton NY

Coopers Creek Chemical Corp River Road W Conshohocken Pa

Coopers Creek Chemical Corp River Road W Conshohcen Pa Curtis Mfg & Asbestos Co 29 Lewis Wharf Boston 10 Mass Dad & Lad Co PO Box 285 New Lenox III Dasso Co Ine 1602 Thames St Baltimore 31 Md Devoe & Raynolds Co Inc 401 W Main St Louisville 2 Ky

LOUISVIILE 2 Ky DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Flexrock Co 36th & Filbert Sts Philadelphia

4 Pa 4 Pa 5 PLINTKOTE CO 38 ROCKEFELLER PLAZA NEW YORK 20 NY Ford Roofing Prod Co & N Michigan Ave Chi-cago 2 Ill

Pitt Chemical Co 26th & Smallman Sts For

cago 2 111 Fort Pitt Chemical Co 26th & Smallman Sts Pittsburgh 22 Pa Gibaon-Hommans Co 2366 Woodhill Rd Cleve-land 6 Ohio Globe Siding Prods Co 2207-51 Schrage Whit-ing Ind Gold Seal Asphalt Roofing Co PO Box 302 Chi-cago Heights 111 Warnish Co 1329 Harrison SW Canton 1 Ohio Horn (A C) Co Inc Tenth St & 44th Long Is-land City 1 NY JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY Keystone Asphalt Prods Co 101 E Ontario St Chicago 11 111 Koppers Co Inc Koppers Bldg Pittsburgh 19 Pa Lastik Prods Co Inc 203 Iroquois Bldg Pitts-burgh 13 Pa Lebon Co Madison at 25th Ave Bellwood 111 Logan-Long Co 6600 S Central Ave Chicago IS III

III Old American Roofing Mills 7600 Truman Rd Kanasa City Mo PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF Pecora Paint Co Ine 4th St & Rdg RR Phila-delphia 40 Pa PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Pressitie Engr Co 3900 Chouteau Ave St Louis 10 Mo Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY

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Rutland Fire Clay Co Curtis Ave Rutland Vt Sonneborn & Sons Bldg Prods Div 404 Fourth Ave New York 16 NY Sullivan Co 212 E Trigg Memphis 2 Tenn Surface Protection Co 16799 Euclid Ave Cleve-land 12 Ohio Truscon Lab Div Devoe & Raynolda Co Caniff at Grand Trunk Detroit 11 Mich United Gilsonite Lab 1396 Jefferson Ave Scran-ton 1 Pa UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 1LL Webster (W F) Cement Co 224 Thorndike Cambridge 41 Mass

### CEMENT, TILE

American Biltrite Rubber Co Perrine Ave Trenton 2 NJ Armstrong Co 1001 E 103rd St Chicago 28 111 ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Atlas Mineral Prodo Co Mertztown Pa Azrock Prod Div Uvalde Rock Asphalt Co Box

531 San Antonio 6 Texas Bonafide Mills Inc 295 Fifth Ave New York

NV Boyle-Midway Inc 22 E 40th St New York 16

NY Camp Co Inc 6958 S State Chicago 21 Ill Christy Co Inc 5040 Daggett Ave St Louis 10

Mo

Mo Commercial Paste Co Buttles at Michigan Columbus 8 Ohio Consumers Glue Co 1515 Hadley St Louis 6 Mo Continental Chemical Co 841 Ducommun St Los Angeles 12 Calif Douglas & Sturgess 475 Bryant St San Fran-cisco Calif

FLINTKOTE CO 30 ROCKEFELLER PLAZA

NEW YORK 20 NY HACHMEISTER INC PO BOX 357 PITTS-BURGH 30 PA

Hayes Adhesives Co Inc 4159 Union Blvd St Louis 15 Mo

Lastik Prode Co Inc 203 Iroquois Bldg Pitts-Lastik Prods Co Inc 203 Iroquois Bidg Pitts-burgh 13 Pa MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO

McGuffie (W S) & Co 3400 Theurer Ct Cleve-land 9 Ohio

McGuttle (W S) & Co 3400 Theurer Ct Cleveliand 9 Ohio
MEDUSA PORTLAND CEMENT CO 1060
MIDLAND BLDG CLEVELAND 15 OHIO
Minnesota Mining & Mfg Co 900 Fauquier Ave St Paul 6 Minn
MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY
MOORE (GOODLOE E) INC PO BOX 846
DANVILLE ILL
Peerless Cement Corp 1144 Free Press Bldg Detroit 26 Mich PitTrSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Plastic Prods Co 6473 Georgia Ave Detroit 11 Mich Prestle Mfg Co 5850 W Ogden Ave Chicago 50 III
Reardon Co 7501 Page Ave St Louis 14 Mo

Prestile Mfg Co 5850 W Ogden Ave Chicago 50 III Reardon Co 7501 Page Ave 'St Louis 14 Mo Schalk Chemieal Co 351 E Second St Los An-geles 12 Calif Selck (Walter E) & Co 223 W Hubbard Chi-cago 10 III Siak (R J) Co New London Conn Standard Paste & Glue Co Inc 3620 W 38th St Chicago 32 III Tamms Industries Inc 228 N La Salle St Chi-cago 1 III Tileboard Corp 2550 Atlantic Ave Brooklyn NY Tile-Tex Div Flintkote Co 1232 McKinley Ave Chicago Heights III Tileboard Berghts III Tilete Cement Co Inc 401 LaFayette St New York 3 NY WALLACE MFG CO 10TH & FAYETTE NORTH KANSAS CITY MO Webb Prods Co 216 S ''G'' St San Bernardino Calif X-Pando Corp 43-15 36th St Long Island City 1 NY

X-Pando Corp 43-15 36th St Long Island City

1 NV

### **CEMENT, WALLBOARD JOINT**

BARCLAY MFG CO INC 385 GERARD AVE NEW YORK 51 NY

CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO

CELOTEX CORP 120 N LA SALLE ST CHI-CAGO 3 ILL

CASULT PRODS CORP 120 E LAN-CASULT AVE ARDMORE PA Hayes Adhesives Co Inc 4159 Union Blvd St Louis 15 Mo

MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO

MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY National Chemical & Mfg Co 3617 S May St Chicago 9 Ill

Chicago 9 III NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY National Tileboard Corp 1814 Blondell Ave New York 61 NY

Penn Crete Prods Co 20th Linnincott St Phila-Penn Crété Frods Co 20th Lippincott St Finia-delphia 32 Pa PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Reardon Co 7501 Page Ave St Lois 14 Mo Tamms Industries Inc 228 N La Salle St Chi-

TH cago l lil NITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL esco Waterpaints Inc Maple St Matteson Ill UNITED

Wesee

### CEMENT, WATERPROOFING

Abesto Mfg Corp 131 Wabash St Michigan City

densite Co 37-19 23rd St Long Island City NY Ad

Adensite Co 37-19 23rd St Long Island City NY Ambroid Co Box 30 Weymouth 88 Mass American Biltrite Rubber Co Perrine Ave Trenton 2 NJ American Fluresit Co 4011 Red Bank Rd Cin-cinnati 27 Ohio Anti Hydro Waterproofing Co 265 Badger Ave Newark 8 NJ Armor Laboratories Inc Commercial & Doran Glendale 3 Calif ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA B & T Metals Co 425 W Town St Columbus 16 Ohio BAERETT DIV ALLIED CHEMICAL & DVE

Ohio BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY BIRD & SON INC 47 WILSON ST EAST WALPOLE MASS

WALPOLE MASS Camp Co Inc 6958 S State Chicago 21 Ill CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO Cercesit Waterproofing Corp 3227 S Shields Ave Chicago 16 Ill Dasco Co Inc 1602 Thames St Baltimore 31 Mid Durethene Corp 1859 S 55th Ave Chicago 50 Ill

Emco Cement Prods Shamokin Pa Flexrock Co 36th & Filbert Sts Philadelphia

4 Pa FLINTKOTE CO 30 ROCKEFELLER PLAZA

FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Formetal Inc 109 W Water St Oak Harbor Ohio

Gibson-Homans Co 2366 Woodhill Rd Cleve-

Gibson-Homans Co 2366 Woodhill Rd Cleve-land 6 Ohio Haynes Prods Co 4007 Farnam St Omaha 8 Neb Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY Howe & French Inc 798 Washington St Wey-mouth 88 Mass JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK I6 NY Koppers Co Inc Koppers Bldg Pittsburgh 19 Dec

Lastik Prods Co Inc 203 Iroquois Bldg Pittsburgh 13 Pa Logan-Long Co 6600 S Central Ave Chicago

Logan-Long Co 6600 S Central Ave Chicago 38 III MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY Pecora Paint Co Ine 4th St & Rdg RR Phila-delphia 40 Pa Pressite Engr Co 3900 Chouteau Ave St Louis 10 Mo Ranetite Mfg Co 1917 S Broadway St Louis

Ranetite Mfg Co 1917 S Broadway St Louis

Ranctite Mfg Co 1917 S Broadway St Louis 4 Ma Smooth-On Mfg Co 574 Communipaw Jersey City 4 NJ STANDARD DRY WALL PRODS INC 77 HUDMONT ST NEW EAGLE PA Sullivan Co 212 E Trigg Memphis 2 Tenn Super Concrete Emulsions 1372 E 15th Los An-geles 21 Calif Tamms Industries Inc 228 N LaSalle St Chi-cago 1 Ill Toch Bros 2600 Richmond Ter Staten Island 3

Toch Bros 2600 Richmond Ter Staten Island 3

NY Truscon Lab Div Devoe & Raynolds Co Caniff at Grand Trunk Detroit 11 Mich Webb Prods Co 216 S "G" St San Bernardino

Acme Brick Co PO Box 425 Ft Worth Texas Adams Co PO Box 268 Dubuque Iowa American Vitrifed Prods 701 National City Bidg Cleveland 14 Ohio Berger Furnace Corp 4th & Main St Belle Vernon Pa Bowerston Shale Co Box 155 Bowerston Ohio Business Service 122 N Seventh St St Louis 1 Ma

1 Mo Cannelton Sewer Pipe Co 4th & Washington Cannelton Ind COLEMAN CO INC 259 N ST FRANCIS WICHITA 1 KANS Dennison Sewer Pipe Corp 3334 Prospect Ave Cleveland 15 Ohio Dickey (W S) Clay Mfg Co 607 Commerce Trust Bidg Kansas City 6 Mo Evans Pipe Co 23 Newport Ave Uhrlchsville Ohio

G43

do Corp 43-15 36th St Long Island City

TH

p.

NY

Calif X-Pand 1 NY

Mo

CHIMNEY CAPS

Evens & Howard Sewer Pipe Co 5200 Man-chester Ave St Louis 10 Mo Gagnon Clay Prods Co 526 S Broadway Green Bay Wis Gichner Inc 1900 Kendall NE Washington 2

ñc

DC Houston Pipe & Sheet Metal Works Box 1692 Houston Texas INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS Junction City Clay Co 3334 Prospect Ave Cleveland 15 Ohio

10. ul Clay Mfg Co Spring St Box 128 Toronto

Kaul Clay Mile Co Spinsor State Co Colored St St Louis Ohio Laclede Christy Co 2801 Hereford St St Louis 9 Mo

Packade Chirkiy Co 2501 Hereiold St St Lodis <sup>6</sup> Mo LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALIF Logan Clay Prods Co Box 698 Logan Ohio Maple City Furnace Co Monmouth III NATIONAL CLAY PIPE MFRS INC 1820 N SF NW WASHINGTON 6 DC Pacific Clay Prods 1255 W Fourth St Los Angeles Calif Penn Supply Metal Corp 1831 N Fifth St Phila-delphia 22 Pa Perma-Top Co 410 Shadyhill Rd Pittsburgh 5 Pa

Pa nn Wire & Iron Works 1200 Cedar Rd

5 Pa Quinn Wire & Iron Works 1200 Cedar Rd Boone Iowa Robinson Clay Prods Co 65 W State St Akron 9 Ohio

9 Ohio 9 Ohio 9 Ohio Robinson & Sons Sewer Pipe Co 1500 Union Commerce Bidg Cleveland 14 Ohio Sterling Foundry Co Box 457 Sterling III Still Water Prods Co 3334 Prospect Ave Cleve-land 15 Ohio Streator Drain Tile Co Stréator III Superior Clay Corp Lock Drawer 352 Uhrichs-ville Ohio Tesco Ine 1403 E Fifth Ct Tulsa Okla Texas Vitrified Pipe Co Box 111 Mineral Wella Texas

Texas UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY Universal Sewer Pipe Corp 1500 Union Com-merce Bldg Cleveland 14 Ohio Wisconsin Face Brick & Supply Co 4485 N Greenbay Milwaukee Wis

### CHIMNEY LINER, PORCELAIN ENAMEL

CONDENSATION ENGINEERING CO 3511 W POTOMAC AVE CHICAGO 51 ILL

### CHIMNEYS, PREFABRICATED

Berger Furnace Corp Fourth & Main St Belle Vernon Pa

Vernon Pa Brule Incinerator Corp 407 S Dearborn St Chi-cago 5 III

cago 5 Ill CONDENSATION ENGINEERING CO 3511 W POTOMAC AVE CHICAGO 51 ILL METALBESTOS DIV WALLACE (WM) CO PO BOX 37 BELMONT CALIF Pierce-Phelpa 59th & Upland Way Philadel-

phia 23 Pa VEGA INDUSTRIES INC 1208 E BRIGHTON

SYRACUSE 5 NY AN-PACKER CORP 1049 STATE ST BET-TENDORF IOWA V

### CHISELS

Adams (C F) Inc PO Box 253 Ft Worth Texas Baltimore Tool Works 1110 Race St Baltimore

30 Md illings & Spencer Co 1 Laurel St Hartford

30 Md Billings & Spencer Co 1 Laurel St Hartford 5 Conn Bridgeport Hardware Mfg Corp 461 Iranistan Ave Bridgeport 5 Conn Champion-De Arment Tool Co 1306-16 Main St Meadville 1 Pa Cincinnati Tool Co 1946 Waverly Ave Cincin-nati 12 Ohio Claveland Steel Tool Co 660 E 82nd St Cleve-Inand 8 Ohio Claveland Steel Tool Corp 2199 W Kishwaukae

land 8 Ohio Damascus Steel Prod Corp 2199 W Kishwaukee Rockford Ill Delaware Tool Steel Corp 3306 Market St East Wilmington Del Henry Disston Div H. K Porter Co Inc Unruh & Milnor Sts Philadelphia 35 Pa Drew (C) & Co Inc Maple St Kingston 7 Mass Dura-Bilt Tool Co Inc 60 N Ave Box 216 Natick Mass

Mass Duro Metal Prod Co 2649 N Kildare Ave Chi-

cago 39 Ill Forest City Bit & Tool Co 1206 Kishwaukee St Rockford Ill Gensco Tools 1830 N Kostner Ave Chicago 39

III GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO GREENLEE TOOL CO 2136 12TH ST ROCK-FORD IL Heller Tool Co Heller Dr Newcomerstown Ohio Hood Bros 4336 Orchard St Philadelphia Pa Kraeuter & Co Inc SH 18th Ave Newark N J Leetonia Tool Co 142 Main St Leetonia Ohio

Mayhew Steel Products Inc Sears St Ext aynew Steel Froducts Inc Sears St Ext Shelburne Falls Mass ephisto Tool Co Inc Box 16 Hudson N Y iller Falls Co 57 Wells Street Greenfield

Mass

Mass Original Enderes Co Guttenburg Iowa Owatonna Tool Co 341 Cedar St Owatonna

Original Enteres Co Orientory No. Owatonna Tool Co 341 Cedar St Owatonna Minn P & C Tool Co Box 5926 Portland 22 Ore Proto Tool Co 2209 Santa Fe Ave Los An-reles 54 Calif Rainey Tools R D 4 Slippery Rock Pa Sandvik Saw & Tool Div Sandvik Steel Inc 1702 Warren St New York 7. N Y STANLEY TOOLS DIV 111 ELM AVE NEW BRITAIN CONN Stortz (John) & Sons Inc 210 Vine St Phila-delphia 6 Pa Vaughan & Bushnell Mfg Co 135 S LaSalle Chicago 3 III Vichek Tool Co 3001 E 87th St Cleveland 4

Vulcan Tool Mfg Co 41 Liberty St Quincy 69 Mass

Mass Warren Tool Corp P O Box 791 Warren Ohio Wilde Drop Forge & Tool Co 2942 Fairmount Ave Kansas City 8 Mo Woodings-Verona Tool Wks 1947 Thomas St

oodings-Verona Tool Wks 1947 Thomas St Verona Pa & K TOOL CO 407 SAND HILL RD LEBA-NON PA Z &

# CHUTES, COAL

Adams Co P O Box 268 Dubuque Iowa Ailen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich Brady Conveyors Corp 20 W Jackson Blvd Chicago 4 Ill

Brady Conveyors Corp 20 W Jackson Blvd Chicago 4 III CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO Davis & Siehl Co Box 78 Station A Cincin-nati 23 Ohio

nati 23 Ohi DONLEY BI

nati 23 Ohio DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Houston Pipe & Sheet Metal Works Box 1692 Houston Texas Industrial Iron Works P O Box 4625 Port-

Industrial Iron Works P O Box 4625 Port-land 2 Ore Jeffrey Mfg Co 771 N Fourth St Columbus 16 Ohio Lippmann Engr Works 4603 W Mitchell St Milwaukee 14 Wis MAJESTIC CO INC HALL ST HUNTING-

TON IND

TON IND Richmond Engineering Co Inc Seventh & Hos-pital Sts Richmond 5 Va

### CHUTES, DUST

Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich Allington & Curtis Mfg Co 1810 Holland Ave Saginaw Mich

Haslett Chute & Conveyor Co 717 Brower Ave

Oaks 1 Fa Oaks 1 Fa Kluegel & Co 169 W Kellogg St. Paul 2 Min LEIGH BLOG PRODS DIV GLADE ST A LARCH COOPERSVILLE MICH

# CHUTES, LAUNDRY

A & A REGISTER CO 8327 CLINTON RD CLEVELAND 9 OHIO Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich Cox (H F) & Co 601 Ottawa Ave N W Grand

Mich

Cox (H F) Rapids 1 Haslett Ch Oaks 1 hute & Conveyor Co 717 Brower Ave

URES 1 PR Kluegel & Co 169 W Kellogg St Paul 2 Minn LEIGH BLDG PROBS DIV GLADE ST AT LARCH COOPERSVILLE MICH MIAMI CABINET DIV CAREY (PHILIP) MFG CO 1950 GRAND AVE MIDDLETOWN OHIO

# CIRCUIT BREAKERS

Adam (Frank) Electric Co PO Box 357 Main P O St Louis Mo Bulldog Electric Prod Co 7610 Joseph Cam-pau Detroit 32 Mich

pau Detroit 32 Mich Cutler Hammer Inc 201 N 12th St Milwaukee

1 Wis Federal Pacific Electric Co 50 Paris St New-

ark 1 NJ EN ELECTRIC CO APPARATUS SALES DIV 1 RIVER ROAD SCHENECTADY 5 GEN

GENERAL ELECTRIC CO TRUMBULL COMPONENTS DEPT PLAINVILLE CONN

Mathaway & Co Jersey City 3 NJ Master Mechanic Mfg Co Route 83 Burling-

Hathaway & Co Jersey Ch Route 83 Burling-ton Wis Square D Co 6060 Rivard Detroit 11 Mich WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 39 PA

### CIRCULATORS, HOT WATER HEATING SYSTEMS

BELL & GROSSETT CO 8200 AUSTIN MOR-TON GROVE ILL Dunham (C A) Co 400 W Madison St Chi-cago 6 III

Capo 6 III Construction of the second second

<sup>9</sup> H I THRUSH (H A) & CO PERU IND Triplex Heating Specialty Co 242-68 Grant St Peru Ind

### CLAMPS, CONCRETE CONSTRUCTION

Adjustable Clamp Co 417 Ashland Ave Chi-cago 22 Ili American Ladder & Scaffold Co 5501 NW Seventh Ave Miami 38 Fia Bakers Roos Inc 602 W McCarty St India-napolis 6 Ind Batavia Clamp Co Inc 101 Center St Batavia NY

NY Carpenter & Paterson Inc 18 Hurley St Cam-bridge 41 Mass Cincinnati Tool Co 1946 Waverly Ave Cincin-nati 12 Ohio Dayton Sure-Grip & Shore Co 504 Kercher St Miamisburg Ohio Durbin-Durco Inc 1435 Woodson Rd St. Louis

14 Ma

14 Mo Heckmann Bldg Prod Co 4018 West Lake Chi-cago 24 Ill M & M Wire Clamp Co 975 17th Ave Min-neapolis Minn nearolis Minn Marvel Equipment Co 1055 Bowen St Osh-kosh Wiserew Anchor Co 816 Liberty Ave Brooklyn 8 NY SYMONS CLAMP AND MFG CO 4249 DI-VERSY AVE CHICAGO 39 ILL Tyra (R K) Co Highway 61 Tyra Minn Universal Form Clamp Co 1238 N Kostner Ave Chicago 51 Ill Williams Form Ener Corp 1501 Madison Ave Grand Rapids Mich

CLAMPS, WOODWORKERS Adjustable Clamp Co 417 Ashland Ave Chi-cago 22 Ill

cago 22 Ill Batavia Clamp Co Inc 101 Center St Batavia NY Billings & Spencer Co 1 Laurel St Hartford 1

Conn Black Brothers Inc 503 Ninth Ave Mendota Ill

III Carpenter & Paterson Inc 18 Hurley St Cam-bridge 41 Mass Cincinnati Tool Co 1946 Waverly Ave Cincin-nati 12 Ohio Grand Specialties Co 3101 W Grand Ave Chi-cerco 29 Ul

cago 22 Ill Hanchett Mfg Co 906 N State St Big Rapids

Mich Mich Handy Mfg Co 2432 W Lawrence Chicago 25 Ill

Hartford Clamp Co 466 Park Ave East Hartford Con Nogt Mfg Co 658 Richmond NW Grand Rapids 4 Mich Larson Co Ave G & C & NW RY Sterling III Maileable Iron Fittings Co 21 Thatcher St

Malleable Iron Fittings Co 21 Inatcher St Bradford Conn SARGENT & CO 45 WATER ST NEW HA-VEN 9 CONN Syracuse Alloy Metals Corp Casenovia Road Manlius NY

Manlins NY Taylor (James L) Mfg Co 128 Parker Ave Poughkeepsie NY Union Mfg & Gauge Co 511 N State St Syra-cuse NY

Goldamith Metal Lath Co 4501 Chickering Cincinnati Ohio Heckmann Bldg Prod Co 4018 W Lake Chi-caso 24 III PETERSON PRODS CO 1013-17 N BLUFF ST JANESVILLE WIS Richmond Screw Anchor Co 816 Liberty Ave Brooklyn 8 NY Sommer Metalcraft Corp 315 Poston Dr Crawfordsville Ind Winner Industries 1023 Washington South Minneapolis 15 Minn

AMERICAN BUILDER

Goldsmith Metal Lath Co 4501 Chickering

CLIPS, CONCRETE

### CLIPS, FLOOR

CLIPS, FLOOR CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO Dayton Sure-Grip & Shore Co 504 Kercher St Miamisburg Ohio Heckmann Eldg Prod Co 4018 W Lake Chi-cago 24 III Hohmann & Barnard Inc 204 E 33rd St New York 16 NY Merwin Mig Co 19th & German Erie Pa NEW MONARCH MACHINE & STAMPING 406 SW NINTH ST DES MOINES \$ 10WA PENN METAL CO INC 205 E 42ND ST NEW YORK 7 NY PETERSON PRODS CO 1013-17 N BLUFF ST JANESVILLE W18 Sommer Metaleraft Corp 315 Poston Dr Crawfordsville Ind

### CLIPS, FURRING

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Copperweld Steel Co Wire & Cable Div 322 Frick Bldg Glassport Pa Dayton Sure-Grip & Shore Co 504 Kercher St Miamisburg Ohio

Miamisburg Ohio NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY PETERSON PRODS CO 1013-17 N BLUFF ST JÄNESVILLE WIS

### CLIPS, GLAZING FOR STEEL SASH

Adams Co PO Box 268 Dubuque Iowa Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich

Hazel Park Mich BOSTWICK STEEL LATH CO 1890 GRIS-WOLD DR NILES OHIO Copeo Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich Districh Bros Inc 2700 Loch Raven Rd Balti-more Mich

River Ave Detroit 27 Mich Dietrich Bros Inc 2700 Loch Raven Rd Balti-more Md DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich H & R MFG CO 20080 ST CLAIR CLEVE-LAND 17 OHIO Harris Inc 200 E Long St Columbus Ohio KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Sommer & Maca Glass Machinery Co 3600-08 S Oakley Chicago 9 Ill Sommer & Metaleraft Corp 315 Poston Drive Crawfordsville Ind Young (L A) Spring & Wire Corp 9200 Rus-sell St Detroit 11 Mich

### CLIPS, PLASTER LATH, SPRING

CERTAIN-TEED PROD CORP 120 E LAN-CASTER AVE ARDMORE PA NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALCO 2 NY PENN METAL CO INC 205 E 42ND ST NEW YOR 17 NY

UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

# CLIPS, ROOFING

- American Metal Works Inc 4401 Bienville St New Orleans La CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN Goldsmith Metal Lath Co 4501 Chickering Cincinnati Ohio Heckmann Bidg Prod Co 4018 W Lake Chi-cago 24 Ill NOVA SALES CO TRENTON 3 NJ Oiljak Mig Co Depot Square Montclair NJ Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill Seal-All Clip Co 4276 W Pasadena Flint Mich Tinnerman Prod Inc Dept 16 PO 6688 Cleve-land 1 Ohio

### **CLIPS, WALLBOARD & CEILING** TILE

- E G BUILDING FASTENERS CORP 101 PARK AVE NEW YORK 17 NY INSULITE CO MINNESOTA & ONTARIO PAPER CO 500 INVESTORS BLLG MIN-NEAPOLIS 2 MINN MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO Midwget Johkars Inc. 2000.0.5 F
- Midwe Jobbers Inc 3300-08 S Racine Chi-

cago 8 Ill NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY PETERSON PRODS CO 1013-17 N BLUFF ST JANESVILLE WIS Book Lebed Millwork Co 2025 Funct 4 Rock

ock Island Millwork Co 2525 Fourth Ave Rock Island Ill

Suspended Ceiling Div Sanymetals Inc 1/85 Urbana Rd Cleveland 12 Obio UPSON CO 43 UPSON PT LOCKPORT NY WOOD CONVERSION CO 15T NATL BANK BLDG ST PAUL 1 MINN

### CLOSET ACCESSORIES

Atkinson Mfg Co 502-14 S James Ludington Mich

Atkinson Mig Co 502-14 S James Ludington Mich Autoyre Co Oakville Conn KEES (F D) MFG CO 700 PARK AVE BEATRICE NEBR Ken-Ro-Bil Co Van Buren Ohio Knape & Vogt Mfg Co 658 Richmond NW Grand Rapids 4 Mich LAWRENCE BROTHERS STERLING ILL LEIGH BLOG PRODS DIV AIR CONTROL PROD INC GLADE ST AT LARCH COOP-ERSVILLE MICH Reliable Metal Novelty Co Inc 25 Elm Ave Mount Vernon NY STANLEY WORKS NEW BRITAIN CONN Thomas Prod Co 8490 Lyndon Ave Detroit 38 Mich

### CLOTHES DRYERS

Altorfer Brothers Co 813 W Washington East Peoria 8 III APEX ELECTRICAL MFG CO 1020 E 152ND ST CLEVELAND 10 OHIO Automatic Washer Co Newton Iowa Beh & Co Inc 1150 Broadway New York NY Bendix Home Appliance Div Avco Mfg Corp 1329 Arlington St Cincinnati 25 Ohio Blackstone Corp 1032-88 Allen St Jamestown NY

Brainard Industries Inc 152 S 15th St Lin-

denhurst LI NY CALORIC APPLIANCE CORP TOPTON PA Cheney Metal Prod Co 623 Prospect St Trea-ton 5 NJ Chicago Dryer Co 2210-20 N Pulaski Chicago

Chicago Dryer Co 2210-20 39 Ill Clay Equipment Corp 23 Builder St Cedar Clay Equipment Corp 50

Clay Equipment Corp 20 Data Falls Iowa Conlon Moore Corp 1824 S Laramie Cicero 50

Conton Macore Corp 1524 S Laranne Citero 30 III CRIBBEN & SEXTON CO 700 N SACRA-MENTO CHICAGO 12 ILL CROSLEY DIV AVCO MFG CORP 1329 AR-LINGTON ST CINCINNATI 25 OHIO Easy Washing Machine Div Murray Corp So-lar & Spencer St Syracuse I NY FRIGIDAIRE DIV GENERAL MOTORS CORP 300 TAYLOR ST DAYTON 1 OHIO GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY Mamilton Mfg Co I316 18th St Two Rivers Wis Handy Things Mfg Co N Rowe Street Luding-

Handy Things Mfg Co N Rowe Street Luding-

Handy Things Mfg Co N Rowe Street Ludington Mich
Harms All Gas Co Allison Iewa
Herbster Furnace Co 877 Addison Rd Cleveland Obio
HOTPOINT CO 5600 W TAYLOR ST CHI-CAGO 44 ILL
Howard Mfg Co of California 2428 E 56th St Los Angeles Calif
Ironer Div Speed Queen Corp. Algonquin III
Kelvinator Div American Motors Co 14250
Plymouth Rd Detroit 32 Mich
Kraus (Walter S) Co 48-02 43rd St Woodside 77 NY
Maytag Co Newton Iowa
NORGE DIV BORG-WARNER CORP FM 234

MORGE DIV BORG-WARNER CORP RM 234 MDSE MART CHICAGO ILL One Minute Washer Co Kellogg Iowa Philoc Corp Dexter Div Fairfield Iowa Philoc Corp Tioga & C Sts Philadelphia 34 Do

Pa RHEEM MFG CO 7600 S KEDZIE AVE CHI-CAGO 29 ILL

ROPER (GEO D) CORP BLACKHAWK PARK AVE ROCKFORD ILL Rotary Clothes Dryer Co Inc 840 Lawrence St Allentown Pa

Southern Galvanizing Co 1620 Bush St Balti-more 20 Md Speed Queen Corp PO Box 332 Ripon Wis

TEMCO INC 4101 CHARLOTTE AVE NASH-VILLE 9 TENN

VILLE 7 IENN VILLE 7 IENN SEVENTH ST BROOKLYN 15 NY Voss Washer Co Kellogg Iowa WESTINGHOUSE ELECTRIC CORP-ELEC-TRIC APPLIANCE DIV 246 E FOURTH ST MANSFIELD OHIO

WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA Whirbool-Seeger Corp St Joseph Mich Woodenware Prods Corp 122 N Seventh St

Woodenware Pr St Louis 1 Mo

### CLOTHES DRYERS. FURNACE COMBINATION

Herbster Furnace Co 877 Addison Rd Cleve-land 2 Ohio

### CLOTHES LINE POLES & POSTS, WOOD, STEEL, IRON

Akron Prod Co Seville Ohio Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich Atlas Fence Co 3654 Richmond St Philadel-phia 24 Pa Banks Steel Post Co Newark NJ Beh & Co Inc 1150 Broadway New York NY BRAINARD STEEL DIV SHARON STEEL CORP GRISWOLD ST WARREN OHIO Century Fence Co Box 466 Waukesha Wis Cheney Metal Prod Co 623 Frospect St Tren-ton 5 NJ CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINATI 6 OHIO Clay Equipment Corp 23 Builder St Cedar Falls Iowa COLORADO FUEL & IRON CORP CONTL-

Falls Iowa COLORADO FUEL & IRON CORP CONTI-NENTAL OIL BLDG DENVER 2 COLO Cyclone Fence Dept American Steel & Wire Co Box 260 Waukegan 1 III Davia & Siehl Co Box 78 Sta A Cincinnati 23

Davis & Siehl Co Box 78 Sta A Cincinnati 23 Ohio Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Franklin Equipment Co Monticello Iowa Harris Inc 200 E Long St Columbus Ohio Hohmann & Barnard Inc 204 E 33rd St New York 16 NY

KOFK 16 NY KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL Meyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio Rop-Loc Prod Co 16110 Brookpark Rd Cleve-

Rop-Loc Prod Co 16110 Brookpark Rd Cleve-land Ohio Rotary Clothes Dryer Co Inc 840 Lawrence St Allentown Pa Sawhill Tubular Prod Inc Sharon Pa Sawhill Tubular Prod Inc Sharon Pa Southern Galvanizing Co 1620 Bush St Balti-more 30 Md Standard Mfg Co 220 E Fourth Cedar Falls

COATINGS, CONCRETE FLOOR

Alabastine Paint Prods 2629 Grand Ave Chi-cago 12 III American Asbestos Prod Co 8000 Franklin Blvd Cleveland Ohio Anti Hydro Waterproofing Co 265 Badger Ave Newark & NJ Atlas Mineral Prod Co Mertztown Pa Camp Co Inc 6958 S State Chicago 21 III Ceresit Waterproofing Corp 3227 S Shields Ave Chicago 16 III Cheeseman-Elliot Co Inc 645 Kent Ave Brook-lyn 11 NY Chicago Bronze & Color Wks 2673 W Grand

Chicago Bronze & Color Wks 2673 W Grand Ave Chicago 12 Ill Dasco Co Inc 1602 Thames St Baltimore 31 Md

Dennis Chemical Co 2701 Papin St St Louis Mo

Mo Devoe & Raynolds Co Inc 401 W Main St Louisville 2 Ky Ensign Prod Co 3529 E 76th St Cleveland 5 Ohio Flash-Stone Co Inc 3723 Pulaski Ave Philadel-phia 40 Pa Flexrock Co 36th & Filbert Sts Philadelphia 4

phia 40 Pa Plexrock Co 36th & Filbert Sts Philadelphia 4 Pa Pranklin Research Co 5134 Lancaster Ave Philadelphia 31 Pa Glidden Co Third & Bern Sts Reading Pa Globe Paint Works Inc PO Box 36 Williams-port 5 Pa Harrison Paint & Varnish Co 1329 Harrison SW Canton 1 Ohio Hayes Adhesives Co Inc Union Blvd at Brown St Louis 15 Mo Horn (A C) Co Inc 252 Townsend St San Francisco Calif Horn (A C) Co Inc 252 Townsend St San Francisco Calif Horn (A C) Co Inc 1525 Howe St Racine Wis Kedmont Waterproofing Co 330 S Dearborn Chicago 4 Ill Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa LOWE BROS 436 E 3RD ST DAYTON 2

LOWE BROS 436 E 3RD ST DAYTON 2 OHIO

Martin-Senour Co 2520 S Quarry St Chicago 8 Ill

MAXWELL & HITCHCOCK 191 SIMPSON NW ATLANTA GA

MONROE CO INC 10703 QUEBEC AVE CLEVELAND OHIO

CLEVELAND OHIO Moore (Benjamin) & Co 511 Canal St New York 13 NY National Mfg Corp 3343 Flanagan St Tona-wanda NY O'Brien Corp 101 N Johnson St South Bend

Brien Corp 101 M Johnson St South Bend 21 Ind
 Panther Oil & Grease Mfg Co Box 711 Ft Worth Tex
 Penetone Co 74 Hudson Ave Tenafly NJ
 Pennsylvania Salt Mfg Co Corrosion Engr Prod Dept 3 Penn Central Plaza Philadel-phia 7 Pa

G45

Louis

PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Pratt & Lambert Inc 75 Tonawanda St Buf-falo 7 NY

Protective Coating Inc Box 3985 Detroit 27 Mich

Mich Rockford Paint Mfg Co 200 Sayre St Rockford

Rust-III t-Oleum Corp 2425 Oakton St Evanston Sherwin-William Co 101 Prospect Ave NW

Sherwin-william Co 101 Prospect Ave Ave Cleveland 1 Ohio Sonneborn & Sons Bidg Prod Div 404 Fourth Ave New York 16 NY Spray-O-Bond Co 2225 N Humboldt Milwau-

kee 12 Wis Steelcote Mfg Co 3418 Gratiot St St. Louis 3

Mo Toch Bros 2600 Richmond Ter Staten Island 3 NY

Jurcrete Co Inc 552 Teachout Bidg Des Moines 9 Iowa Twentieth Century Paint & Varnish Co 456 Driggs Ave Brooklyn 11 NY Vita-Var Corp 10 Commerce Ct Newark NJ Vorac Co 147 Meadow Rd Rutherford NJ

### COATINGS, CONCRETE FORM

MAXWELL & HITCHCOCK 191 SIMPSON NW ATLANTA GA

### COATINGS, EMULSIFIED ASPHALT

American Bitumuls & Asphalt Co 200 Bush St San Francisco Calif Anti Hydro Waterproofing Co 265 Badger Ave Nomerk & N.

Anti Hydro Waterproofing Co 265 Badger Ave Newark 8 NJ ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Camp Co Inc 6958 & State Chicago 21 Ill CAREY (PHILIP) MFG CO 320 S WAYNE CINCINATI 15 OHIO Ceresit Waterproofing Corp 3227 S Shields Ave Chicago 16 Ill Flexrock Co 36th & Filbert Sts Philadelphia

Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 10 NY Glidden Co Third & Bern Sts Reading Pa Horn (A C) Co Ine Tenth St & 44th Long Island City 1 NY Lehon Co Madison at 25th Ave Bellwood III Monroe Co Inc 10703 Quebee Ave Cleveland 6 Obto Ohic

Mortell (J W) Co 550 N Hobbie Ave Kankakee

III Nelson (B F) Mfg Co 401 NE Main St Min-neapolis 13 Minn Old American Roofing Mills 7600 Truman Rd Kansas City Mo Panther Oil & Grease Mfg Co Box 711 Ft Worth Tex

RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY

36 NY Sonneborn & Sons Bldg Products Div 404 Fourth Ave New York 16 NY Spray-O-Bond Co 2225 N Humboldt Milwaukee

25 Stray-O-Bond Co 2220 A 12 Wis Steelcote Mfg Co 3418 Gratiot St St Louis 3 Steelcote Mfg Co 3418 Gratiot St St Louis 3

Mo Sullivan Co 212 E Trigg Memphis 2 Tenn Surface Protection Co 16799 Euclid Ave Cleve-land 12 Ohio Tamms Industries Inc 228 N LaSalle St Chi-cago 1 II Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY Tuferete Co Inc 552 Teachout Bldg Des Moines 4 Invest

9 Iowa 9 Iowa Tuffal Inc 137 Bausman St Pittsburgh 10 Pa Twentieth Century Paint & Varnish Co 456 Driggs Ave Brooklyn 11 NY

### COATINGS, ROOF, ALUMINUM & ASPHALT

Abesto Mfg Corp 131 Wabash St Michigan

Abesto Mfg Corp 131 Wabash St Michigan City Ind Aluminum Industries Inc 3670 Werk Rd Cin-cinnati 11 Ohio American Marietta Co Valdura Div 101 E On-tario St Chicago 11 Ill ARCO CO 7301 BESSEMER CLEVELAND 4

ARCO CO 7301 DESSEMER CLEVELAND 4 OHIO BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY BIRD & SON INC 47 WILSON ST EAST WALPOLE MASS

Bonafide Mills Inc 295 Fifth Ave New York

NY Camp Co Inc 6958 S State Chicago 21 Ill CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO Cheeseman-Elliot Co Inc 645 Kent Ave Brook-lyn 11 NY Chicago Bronze & Color Wks 2673 W Grand Ave Chicago 12 Ill Chicago Paints Inc 4500 W 14th Chicago 23 Ill



Coopers Creek Chemical Corp River Road West Conshohocken Pa Dad & Lad Co PO Box 285 New Lenox III Dasco Co Inc 1602 Thames St Baltimore 31 Md

Md DONLEY BROTHERS CO 13910 MILES AVE

CLEVELAND 5 OHIO Esso Standard Oil Co 15 W 51st St New York 19 NY

19 NX Flexrock Co 36th & Filbert Sts Philadelphia

Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Glidden Co Third & Bern Sts Reading Pa Harrison Paint & Varnish Co 1329 Harrison SW Canton 1 Ohio Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 10 NY Kelmont Watersprecing Co. 270 S Descharge

New YORK 16 NY Kedmont Waterproofing Co 330 S Dearborn Chicago 4 III Keystone Asphalt Prod Co 101 E Ontario St Chicago 11 III Koppers Co Inc Koppers Bldg Pittsburgh 19 Fa

Pa Lastik Prod Co Inc 203 Iroquois Bldg Pitts-burg 13 Pa Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa Lehon Co Madison at 25th Ave Bellwood 11

Lehon Co Madison at 25th Ave Bellwood Ill LOWE BROS 436 E THIRD ST DAYTON 2 OHIO

MEADOWS (W R) INC 2 KIMBALL ELGIN

Merkin (M J) Paint Co Inc 1441 Broadway New York 18 NY Monroe Co Inc 10703 Quebec Ave Cleveland Moore (Benjamin) & Co 511 Canal St New York 13 NY Nelson (B F) Mfg Co 401 NE Main St Min-neapolis 13 Minn Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 7600 Turman Rd Kansas City Mo New York 18 NY onroe Co Inc 10703 Quebec Ave Cleveland

Gia American Roofing Mills 7600 Turman Rd Kansas City Mo PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALLF Panther Oil & Grease Mfg Co Box 711 Ft Worth Tex

Panther Oil & Grease Mig Co Box 711 Ft Worth Tex PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY Sheffield Bronze Paint Corp 17814 Waterloo

Sheffield Bronze Paint Corp 17814 Waterloo Cleveland 19 Obio Sherwin-Williams Co 101 Prospect Ave NW Cleveland 1 Obio Sonneborn & Sons Bidg Prod Div 404 Fourth Ave New York 16 NY Spray-O-Bond Co 225 M Humboldt Milwaukee 19 Wie

12 Wis teelcote Mfg Co 3418 Gratiot St St Louis 3 St

Mo Stonhard Co 1306 Spring Garden Philadelphia

23 Pa 23 Fa Sullivan Co 212 E Trigg Memphis 2 Tenn Toch Bros 2600 Richmond Ter Staten Island Toch B 3 NY

Tre nco Mfg Co 8701 Kinsman Rd Cleveland Ohio

Tufcrete Co Inc 552 Teachout Bldg Des Moines 9 Iowa Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa

Twentieth Century Paint & Varnish Co 456 Driggs Ave Brooklyn 11 NY United Gilsonite Lab 1396 Jefferson Ave Scranton 1 Pa

Scrante nited 1 ton 1 Pa Laboratories Inc 16801 Euclid Ave

United Laboratories Inc 16801 Euclid Ave Cleveland 12 Obio Vita-Var Corp 10 Commerce Ct Newark NJ Webster (W F) Cement Co 224 Thorndike Cambridge 41 Mass

# COATINGS, ROOF, ASBESTOS

Aluma Life Co Inc 887 Rayner St Memphis 6 Tenn

Auminum Industries Inc 3670 Werk Rd Cin-cinnati 11 Ohio American Asbestos Prod Co 8000 Franklin Blvd Cleveland Ohio Prod Co 8000 Franklin

Bonafide Mills Inc 295 Fifth Ave New York NY

Camp Co Inc 6958 S State Chicago 21 Ill CELOTEX CORP 120 S LASALLE ST CHI-CAGO 21 ILL

CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA Cheeseman-Elliot Co Inc 645 Kent Ave Brook-

Cheeseman-Elliot Co Inc 645 Kent Ave Brook-lyn 11 NY Chicago Paints Inc 4500 W 14th Chicago 23 111 Coopers Creek Chemical Corp River Road West Conshohocken Pa Dasco Co Inc 1602 Thames St Baltimore 31 Md Devoc & Raynolds Co Inc 401 W Main St Louisville 2 Ky Ensign Prod Co 3529 E 76th St Cleveland 5 Obio

Ohio

Ohio Glidden Co Third & Bern Sts Reading Pa Harrison Paint & Varnish Co 1329 Harrison SW Canton 1 Ohio

JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY

Lastik Prods Co Inc 203 Iroquois Bldg Pitts-burgh 13 Pa Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa

Pittsburgh 19 Pa Lehon Co Madison at 25th Ave Bellwood Ill Merkin (M J) Paint Co Inc 1441 Broadway New York 18 NY

Monroe Co Inc 10703 Quebec Ave Cleveland 6 Ohio

Ohio Ohio Nelson (B F) Mfg Co 401 NE Main St Min-neapolis 13 Minn Panther Oil & Grease Mfg Co Box 711 Ft Worth Tex Sherwin-Williams Co 101 Prospect Ave NW Cleveland 1 Ohio Sonneborn & Sons Bldg Prod Div 404 Fourth Ave New York 16 NY Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo

Ma

Mo Surface Protection Co 16799 Euclid Ave Cleve-land 12 Ohio Toch Bros 2600 Richmond Ter Staten Island 3 NY

3 NY (ebster (W F) Cer Cambridge 41 Mass Webster Cement Co 224 Thorndike

### COLOR CONSULTANTS

West (Beatrice) Color Inc 147 E 50th New York 22 NY

### COLORS, CONCRETE, MORTAR, PLASTER

PLAJIER Alabastine Paint Prods 2629 Grand Ave Chi-cago 12 III Blue Ridge Talc Co Inc Henry Va Ceresit Waterproofing Corp 3227 S Shields Ave Chicago 16 III Chicago Bronze & Color Wks 2673 W Grand Ave Chicago 12 III Clinton Metallic Paint Co Arthur St Clinton NY

24TH & COLORCRETE INDUSTRIES INC

COLORCHETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND 1 MICH Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa Fort Pitt Chemical Co 24th & Smallman Sts

Fort Pitt Chemical Co 24th & Smallman Sts Pittsburgh 22 Pa Fox (M Ewing) Co Inc 136th St & Rider Ave New York 51 NY Gagnon Clay Prod Co 526 S Broadway Green Bay Wis Gibson-Hornans Co 2366 Woodhill Rd Cleve-

land 6 Ohio ordon Chemical Co Inc 1100 Hickory Kansas City 7 Mo

City 7 Mo HACHMEISTER INC PO BOX 357 PITTS-

HACHMEISTER INC FO BOX 357 FITS-BURGH 30 PA Horn (A C) Co Inc 252 Townsend St San Francisco Calif Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY MASTER BUILDERS CO 7016 EUCLID AVE

CLEVELAND 3 OHIO lineral Pigments Corp Washington Blvd

ineral Pigments Corp Washington Blvd Murkirk 1 Md cora Paint Co Inc 4th St & Rdg RR Phila-

Muirkirk i and Pecora Paint Co Inc 4th St & Russ .... delphia 40 Pa Ricketson Mineral Color Works 229 E Wiscon-sin Ave Milwaukee 2 Wis Rohloff & Co 918 N Western Ave Hollywood 29 Calif c...ith Chemical & Color Co 55 John St Brook-

lyn 1 NY mith (George B) Chemical Wks Maple Park

mith (J Lee) & Co Inc 25 Ann St New York 38 NY

38 NY Sonneborn & Sons Bidg Products Div 404 Fourth Ave New York 16 NY Sullivan Co 212 E Trigg Memphis 2 Tenn Tamms Industries Inc 228 N LaSalle St Chi-caso 1 Ill

NY Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY Truscon Lab Div Devoe & Raynolds Co Caniff

at Grand Trunk Detroit 11 Mich Vitro Mfg Co 60 Greenway Dr Pittsburgh 4 Pa

Wesco Waterpaints Inc Maple St Matteson Ill Williams (C K) Co 640 N 13th St Easton 2 Pa

ABCO Aluminum Brass Wks 5235 Griggs Rd

ABCO Aluminum Brass Wks 5235 Griggs Rd Houston Texas Adams Co PO Box 268 Dubuque Iowa Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich Beison Mig Co E River Rd North Aurora III BETHLEHEM STEEL CO 701 EAST THIRD ST BETHLEHEM PA BRAINARD STEEL DIV SHARON STEEL CORP GRISWOLD ST WARREN OHIO CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 4 OHIO CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO COFFMAN (R G) CO INC PO BOX 1113 ORLANDO FLA

AMERICAN BUILDER

COLUMNS, METAL

och Bros 2600 Richmond Ter Staten Island 3 NY

Ge

Mi

Sn

Smith

Toch

Davis & Siehl Co Box 78 Sta & Cincinnati 23

Ohio Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md Dietrich Bros Inc 2109 Jona America America Bros more 18 Md Dobbie Fdry & Machine Co 150 Portage Rd Niagara Falls NY DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO FAWSCO DIV STAMPING & WELDING CO FAUSS

CLEVELAND 5 OHIO STANDING & WELDING CO FAWSCO DIV STAMPING & WELDING CO 1701 FRONT ST CUYAHOGA FALLS OHIO

Hawkins Iron Co PO Box 670 Birmingham Ala International Steel Co 1321 Edgar St Evans-

International Steel Co 1321 Edgar St Evans-ville 7 Ind KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL Locke Mfg Co Ohio St Lodi Ohio Logan Co 201 Cabel St Louisville 6 Ky Louden Machinery Co 1120 Broadway Fair-field Iowa

(Fred L) Mfg Co 1176 Hooven Ave Mevers

Meyers (Fred L) MIE CO AND Hamilton Ohio MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Sawhill Tubular Prod Inc Sharon Pa Starjine Inc 300 W Front St Harvard III Starjine Inc 300 W Front St Harvard III Starjine Inc 800 W Front St Harvard III

Starline Inc. 300 W Front St. Harvard III TENNESSEE FABRICATING CO 1490 GRIMES ST MEMPHIS TENN TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO Vallow Mouth

1 OHIO Valley Metal Prod 222 Young St Marseilles 111

Versa Prod Co Lodi Ohio Wolfe Prod Inc 71 Elinor Ave Akron 5 Ohio

### COLUMNS, WOOD

.

Goshen Sash & Door Co E Purl Goshen Ind Huttig Sash & Door Co 1206S Vanderventer St Louis 10 Mo

McKeown Bros Co 5303 S Keeler Ave Chicago 32 11

Pacific Mutual Door Co Tacoma Bldg Tacoma

Wash RILCO LAMINATED PROD INC 2591 IST NATIONAL BANK BLDG ST PAUL 1 MINN Schwerd (A F) Mfg Co 3215 McClure Ave Pittsburgh 12 Pa TIMBER STRUCTURES INC PO BOX 3782 PORTLAND 8 ORE Unit Structures Inc Peshtigo Wis

### COMPOUNDS, ANTI-FREEZE, CONCRETE

American Fluresit Co 4011 Red Bank Rd Cin-cinnati 27 Ohio Anti Hydro"Waterproofing Co 265 Badger Ave Newark 8 NJ

Newark 8 NJ Ceresit Waterproofing Corp 3227 S Shields Ave Chicago 16 Ill Flexreck Co 36th & Filbert Sts Philadelphia

4 Pa ort Pitt Chemical Co 26th & Smallman St Fort

Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa Horn (A C) Co Inc 252 Townsend St San Francisco Calif Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY MASTER BUILDERS CO 7016 EUCLID AVE

CLEVELAND 3 OHIO Ranetite Mfg Co 1917 S Broadway St Louis 4 Mo

Sika Chemical Corp 35 Gregory Ave Passaic

NJ

NJ Sonneborn & Sons Bldg Products Div 404 Fourth Ave New York 16 NY Speco Inc 7308 Associate Ave Cleveland 9 Ohio Sullivan Co 212 E Trigg Memphis 2 Tenn Super Concrete Emulsions 1372 E 15th Los Angeles 21 Calif Toch Bros 2500 Richmond Ter Staten Island 3 NY

### COMPOUNDS, ANTI-TERMITE

Abesto Mfg Corp 131 Wabash St Michigan City Ind BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY Boyer Chemical Co 2232 S Wabash Ave Chi-care U

Boyer Chemical Co 2232 S Wabash Ave Chi-cago III C-A Wood Preservative Co 6625 Delmar Blvd St Louis 5 Mo CABOT (SAMUEL) INC 141 MILK ST BOS-TON 9 MASS

TON 9 MASS Carbolineum Wood Preserving Co 528 W High-land Ave Milwaukee 4 Wis Coopers Creek Chemical Corp River Road West Conshohceken Pa Cre-O-Tox Chemical Co 2670 Broad St Mem-

phis 12 Tenn DOW CHEMICAL CO 1000 MAIN ST MID-LAND MICH Forman-Ford & Co 111 E Second St Minne-

Forman-Ford & Co 111 E Second St Minne-apolis Minn Gordon Chemical Co Inc 1100 Hickory Kansas City 7 Mo Haynes Prod Co 4007 Farnam Et Omaha 8 Nebr

- Hill-Smith Termite Control Co 104 Commerce Bldg Memphis Tenn Monsanto Chemical Co 1700 S Second St St Louis 4 Mo National Mfg Corp 3343 Flanagan St Tona-wanda NY Panther Oil & Grease Mfg Co Box 711 Ft Worth Tex Phelan-Faust Paint Mfg Co 932 Loughborough St Louis 11 Mc

Phelan-Faust Paint Mrg Co 932 Lougnoorougn St. Louis 11 Mo PROTECTION PRODS MFG CO 2305 SU-PERIOR AVE KALAMAZOO 99 MICH Protexol Corp 162 Market St Kenilworth NJ Sullivan Co 212 E Trigg Memphis 2 Tenn Termitol Co 3567 Bigelow Bivd Pittsburgh 15

Va cionol Chemical Co 2487 Penn Ave Mem-

Vaccionol Chemical Co 2487 Penn Ave Mem-phis 9 Tenn Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo

### COMPOUNDS, RUST **PREVENTING & REMOVING**

American Chemical Paint Co Box 301 Ambler

Pa Pa American Rust Proof Co 302 Butler St Brook-lyn NY Barr (W M) & Co PO Box 3518 Memphis 6

Tenn Tenn Boyer Chemical Co 2232 S Wabash Ave Chi-caro III CABOT (SAMUEL) INC 141 MILK ST BOS-TON 9 MASS Camp Chemical Co Inc 170 Second Ave Brook-lyn 15 NY Carbozite Protective Coatings 811 S Main Greenaburg Pa Cont Asbestos & Refining Corp 1 Madison Ave New York 10 NY Dennis Chemical Co 2701 Papin St St Louis Mo

Dennis Chemical Co 2701 Papin St St Louis Mo Devoe & Raynolds Co Inc 401 W Main St Louisville 2 Ky DuPont De Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del Ensign Prod Co 3529 E 76th St Cleveland 5 Ohio

Evererete Corp 424 W 42nd St New York 18 Flexrock Co 36th & Filbert Sts Philadelphia 4

D.

Pa FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Hollingshead (R M) Corp 840 Cooper St Cam-den 2 NY

Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY Johnson (S C) & Co Inc 1525 Howe St Racine Wis

Monroe Co Inc 10703 Quebec Ave Cleveland

6 Ohio ortell (J W) Co 550 N Hobbie Ave Kanka-Wortell (J W) Co 550 N Hobbie Ave Kanka-kee Ill Neilson Chemical Co 6564 Benson St Detroit 7

Neilson Mich Oakite Prods Inc 19 Rector St New York 6

NV

NY Parker-Rust Proof Co 2177 E Milwaukee De-troit 11 Mich Penetone Co 74 Hudson Ave Tenafly NJ Pennsylvania Salt Mfg Co Corrosion Engr Prod Dept 3 Penn Central Plaza Philadel-phia 7 Pa

Prod Dep. phia 7 phia 7 pLATE GLASS CO 632 FORT PUTTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Protective Coating Inc Box 3985 Detroit 27

Mich Reilly Tar & Chemical Corp 1615 Merchants Bank Bldg Indianapolis 4 Ind Rust-Oleum Corp 2425 Oakton St Evanston III Rusticide Co 3125 Perkins Ave Cleveland 14

Rusticide Co 3125 Perkins Ave Cleveland 14 Ohio Smith Oil & Refining Co Kilburn & Smith St Rockford III SOLVAY PROCESS DIV ALLIED CHEMI-CAL & DYE CORP 61 BROADWAY NEW YORK & NY Sonneborn & Sons Bldg Prod Div 404 Fourth Ave New York 16 NY Speco Inc 7308 Associate Ave Cleveland 9 Ohio

Ohio Stop-Rust Co Box 2054 Chattanooga 9 Tenn Tilette Cement Co Inc 401 Lafayette St New York 3 NY

Bros 2600 Richmond Ter Staten Island Toch 3 NY

3 MY Truscon Lab Div Devoe & Raynolds Co Caniff at Grand Trunk Detroit 11 Mich Tufcrete Co Inc 552 Teachout Bldg Des Moines

Vita-Var Corp 10 Commerce Ct Newark NJ Wayne Chemical Prods Co Copeland & Mc RR Detroit 17 Mich Wilbur & Williams Co 130 Lincoln Boston 35

Wi Mass

### CONCRETE BLOCK MACHINES

Appley & Son Inc 825 Ninth St N St Peters-

burg Fla BESSER CO ELM ST ALPENA MICH Brikerete Associates Inc Grand Rapids 5 Mich

COLORCRETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND 1 MICH Concrete Equipment Co 514 Ottawa Ave Hol-land Mich DUNN (W E) CO 415 W 23RD ST HOLLAND MICH

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TRICE NEB Klauer Mfg Co 9th & Wash Sts Dubuque Iowa La Crosse Steel Roofing Co 227 Jay St La Crosse Wis

Crosse Wis Crosse Wis MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA Meldrum Mfg & Engr Co 473 N Cleveland Ave St Paul 4 Minn Merwin Mfg Co 19th & German Erie Pa NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA Northwest Metal Prods Inc 55 Spokane St Seattle 4 Wash Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa

Penn Supply Metal Corp 1831 N Fifth St Fhiladelphia 22 Pa REYNOLDS METALS CO BLDG PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY SAINT PAUL CORRUGATING CO S END WABASHA ST ST PAUL 1 MINN Tenninon Bros Inc 450 N Bellevue Memphis 1

Tiffin Art Metal Co Box 807 Tiffin 16 Ohio Wheeling Corrugating Co 1134 Market St Wheeling W VA

AMERICAN STANDARD PLUMBING & HEATING DIV PO BOX 1226 PITTSBURGH 30 PA

30 PA CHEMOLD CO 2000 COLORADO A'VE SANTA MONICA CALIF CONGOLEUM-NAIRN INC 195 BELGROVE DR KEARNY NJ

DR REARNY NJ Crane Co 386 S Michigan Chicago 5 Ill ELKAY MFG CO 1874 S 54TH AVE CHICAGO 50 ILL GENERAL ELECTRIC CO 1 PLASTICS AVE FITTSFIELD MASS

OVER 70 BEAUTIFUL

Laminated and Insulating Products Dept.

Coshocton, Ohio GENERAL CE ELECTRIC

Hewitt-Robins Inc 666 Glenbrook Rd Stamford Conn Hyde Park Prods Co Burch Ave & N&W RR Cincinnati 8 Ohio Liebman Bathroom Specialties Inc 1437 Bush-wick Ave Brooklyn 7 NY

PATTERNS & COLORS

Textolite

plastic surfacing

AMERICAN BUILDER

for counters & walls

(F D) MEG CO 700 PARK AVE BEA.

Linoleum Prods Corp 15 North 2nd St Paterson M & D Display Corp 715 S Palm Ave Alham-

M & D Display Corp 715 S Paim Ave Alham-bra Calif MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL

National Tile & Mfg Co E 26th St Anderson

Rigidized Metals Corp 687 Ohio St Buffalo 3

NY Stanford Wood Prods Co Box 238 Stanford Ky TOPCRAFT INC 4207-99 MENLO DR BALTI-MORE 15 MD UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

### COVERING, FABRIC WALL

OLUMBUS COATED FABRICS CORP SEVENTH & GRANT AVES COLUMBUS COLUMBUS 16 OHIO Standard Coated Prods Inc Buchanan NY

### **COVERING, PIPE, ASBESTOS**

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Acme Asbestos Covering Flooring Div 239 N Elizabeth Chicago 7 Ill ARMSTRONG CORK CO LIBERTY & CHAR-LOTE LANCASTER PA Asbestos Apphalt Insulation Inc 2100 Fullerton Ave Chicago 47 Ill CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO Curtis MFG & Asbestos Co 29 Lowis Wheef

CINCINATI IS OHIO CUTCINNATI IS OHIO Cuttis Mfg & Asbestos Co 29 Lewis Wharf Boston 10 Mass Ehret Magnesia Mfg Co Crawford & County Line Rd Valley Forge Pa JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK I6 NY KEASBEY & MATTISON CO BUTLER AVE AMBLER PA PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF RUBEROID CO 590 5TH AVE NEW YORK 36 NY

36 NY Sall Mot 36 NY Sall Mountain Co Box 777 Hamilton Ohio Smith & Kanzler Co E Linden Ave Linden NJ Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill

Wilson (Grant) Inc 141 W Jackson Blvd Chi-cago 4 Ill

### **COVERINGS, PIPE, FIBROUS** GLASS

Fibers Co 1810 Madison Ave L-O-F Glass Toledo 1 O

L-U-F Glass Fibers Co 1810 Madison Ave Toledo 1 Obio OWENS-CORNING FIBERGLAS CORP NAT'L BANK BLDG TOLEDO 1 OHIO Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill

### COVERINGS, RESILIENT WALL

ARMSTRONG CORK CO LIBERTY & CHAR-ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA BOLTA PRODS DIV GENERAL TIRE CO 79 GARDEN ST LAWRENCE MASS Bonafide Mills Ine 295 Fifth Ave New York NY Consoweld Corp Wisconsin Rapida Wis Och A Rubber Co 1833 E Market St Akron 5

Ohio

Onio Slaane-Delaware Floor Prods Inc PO Box 401 Trenton 3 NJ Tile-Tex Div Flintkote Co 1232 McKinley Ave Chicago Heights Ill

### **CRANES, TRACTOR & TRUCK**

Allis-Chalmers Mfg Co 1126 S 70th St Milwau-

kee 1 Wisst & Derrick Co 63 S Robert St American Hoist & Derrick Co 63 S Robert St St Paul 1 Minn Bay City Shovels Inc 2611 Center Bay City Mich

Bay City Shovels Inc 2611 Center Bay City Mich Bradney Machine Co Middletown NY BUCYRUS-ERIE CO SMILWAUKEE WIS Clark Equipment Co Constr Mach Div Box 599 Pipestone Benton Harbor Mich Clyde Iron Works Inc 29th Ave & W Michigan Duluth 1 Minn Coles Cranes FO Box 942 Joliet Ill FORD TRACTOR DIV 2509 E MAPLE RD BIRMINGHAM MICH HARNISCHFEGER CORP 4400 W NATIONAL MILWAUKEE 44 WIS Hough (Frank G) Co 811 Sunnyside Ave Lib-ertyville Ill Hughes-Keenan Corp London Rd Delaware Ohio Hyster Co 2902 NE Clackamas Porland 8 Ore Koehring Co & Subsidiaries 2026 W Concordia Milwaukee 1# Wis

Milwaukee as win Letourneau-Westinghouse Co 2301 N Adams St Peoria III Lewis-Shepard Proda Inc 1556 Walnut St Watertow: 72 Mass

Link-Belt Speeder Corp 1201 6th St SW Cedar Link-Belt Speeder Corp 1201 6th St Sw Ceaar Rapids Iowa Marion Power Shovel Co 617 W Center St Market Forge Co 35 Garvey St Everett 49 Mass Milford Crane & Machine Co 143 Buckingham Ave Milford Conn Northwest Engineering Co 135 S LaSalle St Chicago 3 III

OLIVER CORP 400 W MADISON ST CHI-CAGO ILL

Schield Bantam Co 262 Park St Waverly Iowa Silent Hoist & Crane Co 875 63rd St Brooklyn Scient Hoist & Crane Co 875 Str St Wavery jown 20 NY Stimmel Winch Co Inc 37-24 33rd St Erooklyn Island City 1 NY Taylor Machine Wks Louisville Miss Thew Shovel Co 1374 E 28th St Lorain Ohio Unit Crane & Shovel Corp 6411 W Burnham St Milwaukee 14 Wis Wood (Gar) Industries Inc Michigan Blvd Wayne Mich Yale & Towne Mfg Co 11000 Roosevelt Phila-delphia 15 Pa

### CRANES & SHOVELS, POWERED

Allis-Chalmers Mfg Co 1126 S 70th St Milwau-kee 1 Wia American Hoist & Derrick Co 63 S Robert St St Paul 1 Minn Bay, City Shovels Inc 2611 Center Bay City

Bay (

Bay City Shovels Inc 2611 Center Bay City Mich BUCYRUS-ERIE CO S MILWAUKEE WIS Clark Equipment Co Constr Mach Div Box 599 Pipestone Benton Hanbor Mich Cleveland 17 Ohio Coles Cranes PO Box 942 Joliet III Day-Smith Hydraulic Corp Camp Hill Pa Koehring Co & Subsidiaries 3026 W Concordia Milwaukee 16 Wis Letourneau-Westinghouse Co 2301 N Adams St Peoria III Link-Belt Speeder Corp 1201 6th St SW Cedar Rapido Iowa Marion Power Shovel Co 617 W Center St Marion Ohio Milwaukee Power Equipment Co 1111 W Bruce Milwaukee 4 Mis Northwest Engineering Co 135 S LaSalle St Chicago 3 II Orton Crane & Shovel Co 608 S Dearborn St

Chicago 3 Ill Orton Crane & Shovel Co 608 & Dearborn St Chicago 5 Ill Ross Carrier Co 331 Miller Harbor Benton Harbor Mich Schield Bantam Co 262 Park St Waverly Iowa Silent Hoist & Crane Co 875 63rd St Brooklyn 20 NV 20 N3

20 NY hew Shovel Co 1374 E 28th St Lorain Ohio nit Crane & Shovel Corp 6411 W Burnham St Milwaukee 14 Wis

Wood Industries Inc Michigan Blvd (Gar) Wayne Mich

### CUTTERS, BAR

Blum (Julius) & Co Ine Carlstadt NJ C H & E Mfg Co 3849 N Palmer St Milwaukee 12 Wis

Gairing Tool Co 21221 Hoover Rd Detroit 32 Mich

Union Twist Drill Co 70 Monroe St Athol Mass

### CUTTERS, INSULATION BOARD

Hartmeister Mfg Co Inc 2020 W Barberry Pl Denver 4 Colo Huther Brothers Saw Mfg Co Inc 1290 Uni-

Hutner Drokester 7 NY versity Rochester 7 NY KIMBALL MFG CO 816 UNIVERSHTY PL EVANSTON ILL STANLEY TOOLS DIV 111 ELM AVE NEW BRITAIN CONN

### CUTTERS, MOULDING

BELSAW MACHINERY CO 315 WEST-PORT RD KANSAS CITY 11 MO BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO Dependable Machine Co Box 839 Greensboro NC

Ekstrom Carlson & Co 1400 Railroad Ave Rockford Ill

Rockford III Huther Brothers Saw Mfg Co Inc 1290 Uni-versity Rochester 7 NY Jet Tool Co Box 247 Lemon Grove Calif Kneialey Electric Co 2501-9 Lagrange St Toledo

Kneisley Electric Co 2501-9 Lagrange St Toledo 3 Ohio
 Mattison Machine Wks 545 Blackhawk Park Rockford Ill
 POOTATUCK CORP 50 OLD STRATFORD RD SHELTON CONN
 Ridgely Trimmer Co 1300 Kenton St Spring-field 99 Ohio
 Rockwell Mfg Co Delta Power Tool Div 400 N
 Lexington Pittsburgh 8 Pa
 Shopmaster Inc 1214 Third St S Minneapolis Mina

Sibley (Edward L) Mfg Co Inc 222 W Main St Bennington Vt STANLEY ELECTRIC TOOLS 400 MYRTLE ST NEW BRITAIN CONN United Industries Inc 231 S LaSalle Chicago 4

111 Foods (S A) Machine Co Damrell & Alger St Boston 27 Mass ates-American Machine Co 729 Fourth St Beloit Wis w

### CUTTERS, SHINGLE, ASBESTOS CEMENT BOARD

CAREY (PHILIP) MFG CO 320 8 WAYNE CINCINNATI 15 OHIO FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY

PLININGTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Huther Brothers Saw Mfg Co Inc 1290 Uni-versity Rochester 7 NY KEASBEY & MATTISON CO BUTLER AVE AMBLER PA Newark Ladder & Bracket Co Inc 17 Walnut Avenue (Clark) Rahway NJ Old American Roof Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kansas City Mo PEARSON (0) MFG CO PO BOX 255 LAKE VILLA ILL RUBEROID CO 500 5TH AVE NEW YORK 36 NY

36 NY SPECIALTY TOOL MFRS 732 S ILLINOIS ST BELLEVILLE ILL Texas Foundries Inc FO Box 180 Lufkin Texas Tri-States Bidg Materials Co 6100 Camp Bowie Blvd Fort Worth 2 Texas

### CUTTERS, SIDING, ASPHALT

PEARSON (0) MFG CO PO BOX 255 LAKE VILLA ILL

### CUTTERS, TILE

Champion-De Arment Tool Co 1306-16 Main St Meadville 1 Pa Dresden Mfg Co 2375 Walnut Ave Long Beach

6 Calif Fletcher-Terry Co 437 South St Forestville

Conn Conn Conn GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO Hook Scraper Mfg Co FO Box 355 New Paltz NY J M J INDUSTRIES INC 226 CENTERVILLE<sup>6</sup> AVE BELLEVILLE ILL MASTER WOODWORKER MFG CO INC 401 411 E FORT ST DETROIT 26 MICH MASTIC TILE CORP OF AMERICA N MONT-GOMERY NEWBURGH NY MOULTILE INC N MONTGOMERY ST NEW-BURGH NY Sandvik Saw & Tool Div 1702 Warren St New

BURCH NY Sandvik Saw & Tool Div 1702 Warren St New York 7 NY Selek (Walter E) & Co 223 W Hubbard Chi-cago 10 III Tile-Tex Div Flinktote Co 1232 McKinley Ave Chicago Heights III Wen Prods Inc 5806 NW Highway Chicago 31 III

Adams Co PO Box 268 Dubuque Iowa Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich Stratton Terstegge Co Anchor Div 300 Culbert-son Ave New Albany Ind Bennett-Ireland Inc 23 State St Norwich NY Builders Brick Co 3800 Ninth Ave S Seattle 8 Wash Carter Engineering Co Workstow M

Carter Engineering Co Warrenton Va CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO Colonial Fireplace Co 540 N Cicero Chicago 44

Columbia Brick Works 1320 SE Water Ave Portland 14 Ore Dietrich Bros Inc 2700 Loch Raven Rd Balti-

Dietrich Dros ne 2100 Loch Raven Rd Balt-more 18 Mi DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich

Mich Gagnon Clay Prods Co 526 S Broadway Green Bay Wis H & R MFG CO 20080 ST CLAIR CLEVE-LAND 17 OHIO Harris Inc 200 E Long St Columbus Ohio Industrial Iron Works PO Box 4625 Portland 2 Ore

Industrial Iron Works PO Box 4625 Portland 2 Ore Interstate Brick Co 3100 5 11th East Salt Lake City Utah KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL THE MAJESTIC CO INC HALL ST HUNT-INGTON IND

G51

DAMPERS, FIREPLACE

Peerless Mfg Co 1400 W Ormsby St Louisville 10 Ky Portland Stove Foundry Co 57 Kennebec St

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Portland Stove Foundry Co 57 Kennebec St Portland Maine
PRICE FIREPLACE HEATER TANK CORP
195 W AUSTIN ST BUFFALO 7 NY
SUPERIOR FIREPLACE CO 1708 E 15TH ST LOS ANGELES 21 CALIF
SWETT (A L) IRON WKS 151 GLENWOOD AVE MEDINA NY
Tristop Damper Co South Pittaburg Tenn
Vestal Mfg Co PO Box 152 Sweetwater Tenn
Washington Stove Works 3402-22 Smith St Everett Wash
Western Foundry Co 2400 SW Water Ave Portland I Ore
Wisconsin Face Brick & Supply 4485 N Green Bay Milwaukee Wis anu Mai

### DAMPPROOFING COMPOUNDS

Abesto Mfg Corp 131 Wabash City Ind Adensite Co 37-19 23rd St Long Island City NY American Fluresit Co 4011 Red Bank Rd Cin-cinnati 27 Ohio

Anti Hydro Waterproofing Co 265 Badger Ave

Newark 8 NJ BARRETT DIV ALLIED CHEMICAL & DYE 40 RECTOR ST NEW YORK 6 NY Bonafide Mills Inc 295 Fifth Ave New York

NY CAREY (PHILIP) MFG CO 320 8 WAYNE CINCINATI 15 OHIO Ceresit Waterproofing Corp 3227 8 Shields Ave Chicago 16 111 COLORCRETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND 1 MICH Concor Co 4550 Main St Kansas City Mo Concor Co 4550 Main St Kansas City Mo Consolocken Pa

Conshohcken Pa Dad & Lad Co PO Box 285 New Lenox III DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa

FLINTKOTE CO 30 ROCKEFELLER PLAZA

NEW YORK 20 NY Fort Pitt Chemical Co 26th & Smallman Sts Pittsburgh 22 Pa Gagnon\_Clay Frods Co 526 S Broadway Green

Pittsburger Gagnon Clay Prods Co 526 S Broadnay Bay Wis Harrison Paint & Varnish Co 1329 Harrison SW Canton 1 Ohio Haynes Prods Co 4007 Farnam St Omaha 3 Nah Horn (A C) Co Inc Tenth St & 44th Long

Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK IE NY Kedmont Waterproofing Co 330 S Dearborn Chicago 4 III MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY Monroe Co Inc 10703 Quebec Ave Cleveland 6 Obio

Monroe Ohio National Mfg Corp 3343 Flanagan St Tona-

wanda NY PABCO PRODS INC 475 BRANNAN ST SAN

FABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF PITTSBURGH PLATE GLASS CO 623 FORT DUQUESNE BLVD PITTSBURGH 22 PA Pyramid Co 433 Maple Ave Downers Grove III Ranctite Mfg Co 1917 S Broadway St Louis 4

Ranetite Mfg Co 1917 S Broadway St Louis 4 Mo Reardon Co 7501 Page Ave St Louis 14 Mo Reilly Tar & Chemical Corp 1615 Merchants Bank Indianapolis 4 Ind Rubber & Plastics Compound Co 30 Rockefeller Flaza New York 20 NY Sonneborn & Sons Bldg Prods 404 Fourth Ave New York 16 NY Spray-O-Bond Co 2225 N Humboldt Milwaukee 19 Wie

22 Pa 23 Pa 23 Pa

23 Pa Sullivan Co 212 E Trigg Memphis 2 Tenn Super Concrete Emulsions 1372 E 15th Los

Suinvan co 212 E Trigg Memphis 2 Tenn Super Concrete Emulsions 1372 E 15th Los Angeles 21 Calif Surface Protection Co 16799 Euclid Ave Cleve-land 12 Ohio Toch Bros 2600 Richmond Ter Staten Island 3

NY

Truscon Laboratories Div Devoe Reynolds Co Caniff at Grand Trunk Detroit 11 Mich Tuferete Co Inc 552 Teachout Bldg Des Moines

9 Lova Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa Vita-Var Corp 10 Commerce Ct Newark NJ Weatherguard Service Inc 564 Jackson Ave New York 55 NY Webster (W F) Cement Co 224 Thorndike Cambridge 41 Mass Wilbur & Williams Co 130 Lincoln Br.35 Roston Mass

Wilbur & Williams Co 130 Lincoln Br.35 Boston Mass Wisconsin Face Brick & Supply 4485 N Green Bay Milwaukee Wis

### DECKS, ROOF INSULATING

Balsa Ecuador Lumber Corp 500 Fifth Ave New York 36 NY FLINTKOTE CO 3@ ROCKEFELLER PLAZA NEW YORK 20 NY HOMASOTE CO 1935 HARVEY RD TREN-TON 3 NJ

INSULITE CO MINNESOTA & ONTARIO PAPER CO 500 INVESTORS BLDG MINNEAPOLIS 2 MINN JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 15 NY NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY

AVE BUFFALO 2 NY OWENS-CORNING FIBERGLAS CORP NATL BANK BLDG TOLEDO 1 OHIO Portet Míg Co Porte Ave N Arlington NJ REFLECTAL CORP SUBSIDIARY BORG-WARNER CORP 310 S MICHIGAN AVE CHICAGO 4 ILL Texas Vermiculite Co 813 Airport Blvd Austin Tox

Texas Tex Tex Unit Structures Inc Peshtigo Wis Vermiculite Inc 333 W 1st S Salt Lake City

Litah

Western Mineral Prods Co 1720 Madison NE Minneapolis Minn

### DECKS, ROOF, METAL

CECO STEEL PRODS CORP 5001 W 26TH ST CHICAGO 50 ILL FOLLANSBEE STEEL CORP FOLLANSBEE W VA Goldsmith Metal Lath Co 4501 Chickering Cin-

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cinnati Ohio INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS Macomber Inc 1925 Tenth Canton Ohio Mahon (R C) Co PO Box 4666 Detroit 34 Mich Plasteel Prods Corp 15 MacAdam Ave Wash-

Plasteel Frods COTP 15 MacAdam Ave trans-ington Pa REPUBLIC STEEL CORP REPUBLIC BLDG CLEVELAND 1 OHIO Smith & Kanzler Co E Linden Ave Linden NJ Soule Steel Co 1750 Army St San Francisco 24

Calif STRAN-STEEL UNIT OF NATL STEEL GREAT LAKES STEEL CORP DETROIT GREAT LAKES STEEL CORP DETROIT 29 MICH Stran-Steel Corp Div Natl Steel Corp Ecorse

Stran-Steel Corp Div Natl Steel Corp Ecorse Detroit 29 Mich TRUSCON STEEL DIV REPUBLIC STEEL CORP 1059 ALBERT ST YOUNGSTOWN 1 OHIO UNITED STATES GYPSUM CO 200 W ADAMS ST CHICAGO 6 ILL Wheeling Corrugating Co 1134 Market St Wheeling W Va

### DECKS, ROOF, PRECAST, CONCRETE & GYPSUM SLAB

CELOTEX CORP 120 S LASALLE ST CHI-CAGO 3 ILL CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AV ARDMORE PA National Gypsum Co 325 Delaware Ave Buffalo 2 NY

2 NY Precast Slab & Tile Co 1367 S Kingshighway St. Louis 10 Mo Tectum Corp. 105 S Sixth Newark Ohio UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL Western Mineral Prods Co 1720 Madison NE Minnerolis Minn Minneapolis Minn

### DERRICKS

American Hoist & Derrick Co 63 & Robert St

American Hoist & Derrick Co 03 & Robert St St. Paul 1 Minn Clyde Iron Works Inc 29th Ave & W Mich Dubbie Foundry & Machine Co 150 Portage Rd Niagars Falls NY Downs Crane & Hoist Co 540 W Vernon Ave Los Angeles 37 Calif King Mfg Corp 3158 W Chicago Ave Chicago 22 III Lane Mfg Co & Mechanic St Montpolier Vt

22 III Lane Mfg Co & Mechanic St Montpelier Vt Sasgen Derrick Co 3101 West Grand Av Chi-cago 22 Ill

### **DEVICES, WIRING**

Bryant Electric Co Box D Barnum Sta Bridge-port 6 Conn GENERAL ELECTRIC CO GONSTRUCTION MATERIALS DIV 1285 BOSTON AVE BRIDGEPORT CONN Hubbell (Harvey) Inc State & Bostwick Bridgeport 5 Conn Ideal Industries Inc 1335 Park Ave Sycamore II

III MOSLEY ELECTRONICS INC 8622 ST CHARLES ROCK RD ST LOUIS 14 MO NATIONAL ELECTRIC PRODS CORP 2 GATEWAY CENTER PITTSBURGH 22 PA Porcelain Products Inc 422 W Sandusky St Findlay Ohlo Sherman (H B) Mfg Co 22 Barney St Battle Crock Wich

Creek Mich lerra Electric Corp 15100 S Figueroa Box 85 Gardena Calif Si

# DIFFUSERS, AIR

Air Devices Inc 185 Madison Ave New York 13 N Y

Ant Devices inc iso Madison Ave New York 13 N Y Anemostat Corp of America 10 E 39th St New York 16 N Y Berger Furnace Corp 4th & Main St Belle Vernon Pa Corrier Corp 302 S Geddes St Syracuse 1 N Y Char-Gale Mfg Co Route #2 Anoka Minn CONNOR ENGINEERING CORP 2000 SHEL-TER ROCK DANBURY CONN Hart & Cooley Mfg Co 500 E sth St Holland-Mich Jettronaire Inc 1100 E Warrington Division

aire Inc 1100 E Warrington Pittsburgh Jettro

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Jettronaire Inc 1100 E Warrington Pittsburgh 10 Pa KRITZER RADIANT COILS INC 2903 LAW-RENCE AVE CHICAGO 25 ILL LEIGH BLDG PRODS DIV GLADE ST AT LARCH COOPERSVILLE MICH Lima Register Co 651 N Barter St Lima Ohio Pyle-National Co 1334 N Kostner Chicago 51

III TUTTLE AND BAILEY INC 1706 CORBIN AVE NEW BRITAIN CONN United States Register Co 344 E. Burnham St Battle Creek Mich VULCAN RADIATOR CO 775 CAPITOL AVE

HARTFORD CONN

MARIFORD CONN oung Regulator Co 5209 Euclid Ave Cleve-land 3 Ohio v

Dine-A-Nook Sales Co 624 S Michigan Ave Chi-

Abrasive Prod Inc 100 Pearl St South Brain-

tree Mass Albertson & Co Inc Sioux City 2 Iowa AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO Bay State Abrasive Prods Co Union St West-

Bay State Abrasive Prods Co Union St West-boro Mass Behr-Manning Corp Div Norton Co 1360 Howe St Troy N Y BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 4 0H10 Carborundum Co Buffalo Ave Niagara Falls N Y

NY Clarke Sanding Machine Co 30 E Clay Ave Muskegon Mich Clover Mfg Co 327 Main St Norwalk Conn Mid-West Abrasive Co 510 W Washington Owosso Mich Norton Co 1 New Bond St Worcester @ Mass Raybeatos-Manhattan Inc M R Div 61 Willett St Breach N I

St Passaic N J Rhodes (James H) & Co 157 W Hubbard St Chicago 10 III Sandpaper Inc 83 E Water St Rockland Mass

AMERICAN KITCHENS DIV AVCO MFG CORP 187H & COLUMBIA CONNERS-VILLE IND APEX ELECTRICAL MFG CO 1020 E 152ND ST CLEVELAND 10 OHIO Crane Co 836 S Michigan Chicago 5 Ill CRIBBER & SEXTON CO 709 N SACRA-MENTO CHICAGO 12 ILL CROSLEY DIV AVCO MFG CORP 1329 AR-LINGTON ST CINCINNATI 25 OHIO Diahmaid Ing 5000 Enclid Az Cleveland 3.

Dishmaid Inc 5900 Euclid Ave Cleveland 3

Ohio THE DISH-QUIK CO DIV MODERN FAUCET MFG CO 1709 E 58TH PLACE LOS AN-GELES I CALIF ENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY Hobart Mfg Co 711 Pennsylvania Troy Ohio HOTPOINT CO 5500 W TAYLOR ST CHI-CAGO 44 ILL In-Sink-Erator Co 1225-14th St Racine Wis Jackson Prod Co 3703 E 93rd St Cleveland & Ohio

Ohio Kimco Industries 12123 Woodbine Detroit Mich MULLINS MFG CORP UNIVERSITY ST WARREN OHIO Philco Corp Tioga & C Sts Philadelphia 34 Pa Price-Pfister Brass Mfg Co 3011 Humboldt St Los Angeles 31 Calif Moen Valve Co Div Ravenna Metal Prods 6518 Ravenna Ave Seattle 15 Wash WESTINGHOUSE ELECTRIC CORP ELEC APPLIANCE DIV 246 E 4TH ST MANS-FIELD OHIO

Barber Greene Co 400 N Highland Aurora Ill Bay City Shovels Inc 2611 Center Bay City Mich CHARLES MACHINE WORKS 625-30 BIRCH PERRY OKLA Koehring Co & Subsidiaries 2026 W Concordia Milwaukee 16 Wis Northwest Engineering Co 135 So LaSalle St Chicago 3 Ill

AMERICAN BUILDER

DINING NOOKS

cago 5 Ill Dormalux Co Buffalo N Y

DISCS, ABRASIVE

**DISHWASHERS** 

Ohio

DITCHERS

roo Me

SHAWNEE MFG CO INC 1947 N TOPEKA TOPEKA KANS Tectum Corp 105 S Sixth Newark Ohio Wood (Gar) Industries Inc Michigan Blvd Wayne Mich

### DOOR BOTTOMS, DRAFT SEAL

Alden Mfg Co 201 W Walnut St Painesville

Ohio Ohio BALTZ (R N) & CO 1009 HARVARD TER EVANSTON ILL CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH Deennis (W J) & Co 4444 Irving Park Rd Chi-cago 41 Ill Dorbin Metal Strip Mfg Co 2410 S Cicero Ave Chicago 50 Ill Lind Co 656 N Loke Show Dr Chicago

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Lle vd Mfg Co 666 N Lake Shore Dr Chicago

Lloyd Mfg Co 666 N Lake Shore Dr Chicago III MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA MASTER METAL STRIP SERVICE INC. 1720 N KILBOURN AVE CHICAGO 39 ILL Monarch Metal Weatherstrip Co 6333 Etzel Ave St. Louis 14 Mo NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO National Guard Prods Inc 540 Jackson Ave Memphis 7 Tenn NATIONAL METAL PRODS CO 2 GATE-WAY CENTER PITTSBURGH 22 PA Sentry Stop-A-Draft 715 St Clair Ave Cleve-Iand 13 Ohio Spanjers (A J) Co 5800 N Lilac Dr Minne-agolis Minn Thermal Co 45 W Durham St Philadelphia 19 Pa

Pa Waterloo Sales Co Cleveland 19 Ohio Weather-Proof Co 1409 E 40th St Cleveland 8 Ohio

### DOOR OPERATORS, AUTOMATIC

AMERICAN HARDWARE CORP RUSSELL ERWIN DIV 102 WASHINTON NEW BRIT-AIN CONN

Autosonic Sales Co 7400 E 12th St Kansas City

BARBER COLMAN CO PARK PLANT ROCK-FORD ILL CALDER MFG CO 630 N PRINCE ST LAN-

FORD ILL ALDER MFG CO 630 N PRINCE ST LAN-CASTER 12 PA apitol Prods Co 1839 S Main Box 351 Jack-Capitol

ville Ill sonville Ill Clark Door Co Inc 515 Hunterdon St Newark 8 N J Cornell Iron Works Inc 36th Ave & 13th St Long Island City 6 NY Garrett Mg Co Pompton Plains N J GENERAL DOOR MFG CO P O BOX 60 WEST BEND WIS Ideal Brass Works Inc 250 E Fifth St St. Paul 1 Minn

Ideal Brass Works Inc 250 E Fifth St St. Paul 1 Minn KINNEAR MFG CO 7TH & FIELDS AVE COLUMBUS 16 OHIO MCKEE DOOR CO 85 HANKES AVE AURORA ILL OVERHEAD DOOR CORP PRR & KICKA-POO ST HARTFORD CITY IND PITTSBURGH FLATE GLASS CO 632 FORT DUQUESNE PITTSBURGH 22 PA Quincy MFG CO WAIL & Hudson Sts Tiffin Ohio RAYNOR MFG CO E RIVER RD DIXON ILL

RICHARDS-WILCOX MFG CO 220 THIRD

RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL ROBOT APPLIANCES INC 7041 ORCHARD DEARBORN MICH ROWE MFG CO 614 W THIRD ST GALES-BURG ILL STANLEY WORKS DOOR CONTROL DIV 195 LAKE ST NEW BRITAIN CONN WAGNER MFG CO 0122 W FIRST ST CEDAR FALLS IOWA Wilcon ( G) COTT 270 Lavington Are More

Wilson (J G) Corp 370 Lexington Ave New York 17 NY

### **DOOR OPERATORS, GARAGE**

ALLIANCE MFG CO LAKE PARK BLVD ALLIANCE OHIO Autosonic Sales Co 7400 E 12th St Kansas City Mo

BARBER COLMAN CO PARK PLANT ROCK-FORD ILL



see full page ad this issue on doors, door operators and controls

CALDER MFG CO 630 N PRINCE ST LAN-CASTER 12 PA

APRIL 1956

Capitol Prods Co 1839 5 Main Box 351 Jack-

sonville III CRAWFORD DOOR CO 20263 HOOVER ROAD DETROIT 5 MICH FRANTZ MFG CO 301 W 3RD ST STERLING

ILL GRAHAM INDUSTRIES INC 6901 CARNEGIE CLEVELAND 3 OHIO HOWELL MFG CO N MOREHALL RD

CLEVELAND 3 OHIO CLEVELAND 3 OHIO HOWELL MFG CO N MOREHALL RD PAOLI PA KINNEAR MFG CO 7TH & FIELDS AVE COLUMBUS 16 OHIO McKEE DOOR CO 85 HANKES AVE AURORA ILL OVERHEAD DOOR CORP PRR & MICKA-POO ST HARTFORD CITY IND Phenix Mfg Co 4120 N Port Washington Milwaukee 12 Wis Quincy Mfg Co Wall & Hudson Sts Tiffin Ohio RATNOR MFG CO EAST RIVER RD DIXON ILL

ILL RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL ROBOT APPLIANCES INC 7041 ORCHARD DEARBORN MICH ROWE MFG CO 614 W THIRD ST GALES-BURG ILL STANLEY WORKS NEW BRITAIN CONN Sterling Electronic Door Corp 323 W 2nd St Rock Falls III WAGNER MFG CO 122 W FIRST ST CEDAR FALLS IOWA

FALLS IOWA

### DOOR SPRINGS & CLOSERS

AMERICAN HARDWARE CORP CORBIN (P F) DIV 102 WASHINGTON ST NEW BRITAIN CONN AMERICAN STEEL & WIRE DIV 1420

MERICAN STEEL & WIRE DIV 1420 ROCKEFELLER BLDG CLEVELAND 13

OHIO Bommer Spring Hinge Co Inc Landrum S C Chicago Spring Hinge Co 1500-02 Carroll Ave Chicago 7 Ill COLORADO FUEL & IRON CORP CONTI-NENTAL OIL BL DENVER 2 COLO DEXTER LOCK DIV DEXTER INDUSTRIES DESTER LOCK DIV DEXTER INDUSTRIES DESTER MADISON S E GRAND RAPIDS 2

MICH

MICH Fiwale Equipment Mfg Co 105 Reade St New York 13 N Y Hardware Prods Inc 806-812 126th St Reading

Hubbard (M D) Spring Co Pontiac Mich Ideal Brass Works Inc 250 E Fifth St St Paul

1 Minn LAWRENCE BROTHERS STERLING ILL Milwaukee Stamping Co 800 S 72nd St Milwau-kee 14 Wia NATIONAL MFG CO 1 FIRST AVE STER-LING ILL Peerless Mfg Co Inc 2100 N Eleventh St Read-

Peeriess mig Co me anor a Laterative Ma-ing Pa SARGENT & CO 45 WATER ST NEW HA-VEN 9 CONN SCHLAGE LOCK CO 2201 BAY SHORE BLVD SAN FRANCISCO 19 CALIF STANLEY WORKS NEW BRITAIN CONN TENNESSEE COAL & IRON DIV U SSTEEL CORP P O BOX 599 FAIRFIELD ALA Weinht Prods Inc St, Paul Park Minn

Wright Prods Inc St. Paul Parl

### DOOR UNITS, WOOD

Capitol Prods Co 1839 S Main Box 351 Jack-sonville III HASKELITE MFG CORP 701 ANN STREET N W GRAND RAPIDS MICH Hurd Millwork Corp Medford Wis Ideal Co 24th & Mary Sts Waco Texas Minnesota Wood Specialties Inc P O Box 216 St Paul Park Minn MORGAN-WICHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO ONE-DER FRAME CORP 1232 N 37TH PL BIRMINGHAM 3 ALA Plytex Corp 1731 Elston Ave Chicago 22 III READY HUNG DOOR CORP 204 NEIL AN-DERSON BLOG FORT WORTH 2 TEX Rockwell of Randolph Inc Randolph Wis Z & K TOOL CO 407 SAND HILL RD LEBA-NON PA

### DOORS, ACCESS & CRAWL SPACE

Adams Co P O Box 268 Dubuque Iowa Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich Hazel Park Mich American Foundry & Mfg Co 1015 Herbert St St Louis 7 Mo American Metal Works Inc 4401 Bienville St New Orleans La CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO COFFMAN (R G) CO INC P O BOX 1113 OR-LANDO FLA Columbia Metal Box Co 260 E 143rd St New York 51 N Y Dietrich Bros Inc 2700 Loch Raven Rd Balti-Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md

more 18 Md DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO

Fries & Son Steel Const & Eng Co Covington Kv Ky George (F C) Machine Co 100 S Westmoreland

 Orlando Fla
 Orlando Fla
 Industrial Iron Works P O Box 4625 Portland 2 Ore
 INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS
 Knapp Brothers Mfg Co 16 E 72nd St Cincinnati 16 Ohio
 Leo Madiaon at 25th Ave Bellwood Ill
 MILMAU CABINET DIV CAREY (PHILIP)
 MIG CO 1959 GRAND AVE MIDDLETOWN OFHO OHIO

OHIO Morgan Co 520 Oregon St Oshkosh Wis Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill

ADVER ISLAND
 ADVER ISLAND
 ADVER ISLAND
 ADVERIA ISLAND
 ADVERTIGE ISLAND

Zurn (J A) Mfg Co 1881 Pittsburgh Ave Erie Pa

### DOORS, CABINET & CUPBOARD, WOOD

Angel Novelty Co 340 Broad St Fitchburg Mass ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS Burke Millwork Co P O Box 1844 Seattle 11

Wash

Wash Cole Mfg Co P O Box 2657 Memphis 2 Tenn CONNOR LUMBER & LAND CO 231 THOMAS ST WAUSAU WIS CURTIS COMPANIES INC 1200 S SECOND AVE CLINTON IOWA CURTIS COMPANIES AMERICAN PLY-WOOD DIV NEW LONDON WIS Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash

Wash

Elliott Bay Mill Co 600 W Spokane St Seattle 4 Waah Farley & Loetscher Mfg Co Dubuque Iowa<sup>8</sup> Goshen Snah & Door Co E Puri Goshen Ind Gregg & Son Inc 21-31 Blandin Ave Framing-ham Maas Hurd Millwork Corp Medford Wis Huttig Mfg Co Museatine Iowa Hyde-Murphy Co Murphy Bldg Ridgway Pa IXL FURNITURE CO 410 N MAIN ST GOSHEN IND Ipik Plywood Co Kenner La Kinzua Pine Mills Co Kinzua Ore Kochton Plywood & Veneer Co Inc 509 W Roosevel Chicago 7 Ill LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO Lustrewood Corp Oxford Road Milford Conn Marquart Millwork Co 50 Ceape St Oshkosh Wis

Morgan Co 520 Oregon St Oshkosh Wis Northwest Door Co P O Box 1477 Tacoma 1

Pacific Mutual Door Co Tacoma Bldg Tacoma Pacific Mutual Door Co Tacoma Bidg Tacoma Waah Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo Plytex Corp 1731 Elston Ave Chicago 22 Ill Plywood Tacoma Co 540 E 15th St Tacoma Wash

ROACH & MUSSER CO MUSCATINE IOWA

ROACH & MUSSER CO MUSCATINE 10WA Rock Ialand Millwork Co 2525 Fourth Ave Rock Ialand Ill Rockwell of Randolph Inc Randolph Wis RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD W18 UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 N Y Weber Veneer & Plywood Co Shawano Wis

DOORS, CELLAR, BULKHEAD,

BILCO CO P O BOX 1203 WEST HAVEN 5 CONN

CUNN CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO Davis & Siehl Co Box 78 Sta A Cincinnati 23 Obio

Ohio HEATILATOR INC 1008 E BRIGHTON AVE SYRACUSE 5 N Y International Fireproof Deor Co 76 Lexington Ave Brocklyn 5 N Y

DOORS, ASH PIT & CLEANOUT

Adams Co P O Box 268 Dubuque Iowa Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich

Hazel Park Mich American Foundry & Mfg Co 1015 Herbert St St. Louis 7 Mo Stratton Terstegge Co Anchor Div 300 Culbert-son Ave New Albany Ind Bennett-Ireland Inc 28 State St Norwich N Y

G58

Wis

Northw Wash

METAL

Brownell Co 300 N Findlay St Dayton 1 Ohio Builders Brick Co 3800-9th Ave S Seattle 8 Wash CECO STEEL PRODS CORP 5601 W 26TH ST

CHICAGO 50 ILL CHICAGO 50 ILL CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO Colonial Fireplace Co 540 N Cicero Chicago

Jonial 44 Ill

44 III Copco Steel & Engr Co 14035 Grand River Ave Detroit 27 Mich Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md

more 18 Md DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Gabriel Steel Co 13700 Sherwood St Detroit 12

10

& R MFG CO 20080 ST CLAIR CLEVE-LAND 17 OHIO LAND 17 OHIO Harris Inc 200 E Long St Columbus Ohio HEATILATOR INC 1008 E BRIGHTON AVE

HEATILATOR INC 1008 E BRIGHTON AVE SYRACUSE 5 N YO INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS International Steel Co 1321 Edgar St Evans-ville 7 Ind

Interstate Brick Co 3100 S 11th East Salt Lake

Interstate Brick Co 3100 5 1410 BURLINGTON City Utah KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL THE MAJESTIC CO INC HALL ST HUNT-INGTON IND FIDEPLACE HEATER & TANK

INGTON IND PRICE FIREPLACE HEATER & TANK CORP 195 W AUSTIN ST BUFFALO 7 N Y Sterling Foundry Co Box 467 Sterling Ill SUFERIOR FIREPLACE CO 1708 E 15TH ST L&R ANGELES 21 CALIP SWETT (A L) IRON WKS 151 GLENWOOD AVE MEDINA N WKS 151 GLENWOOD AVE MEDINA N WKS 161 STRA Minn U S Hardware & Mfg Co Pawtucket R I Vestal Mfg Co P O Box 152 Sweetwater Tenn Washington Store WKS 3402-22 Smith St Ev-erett Wash Western Foundry Co 2400 S W Water Arm

Western Foundry Co 2400 S W Water Ave wh

estern Foundry Co 2400 S W Water Ave Portland 1 Ore Inceling Corrugating Co 1134 Market St Wheeling W Va urn (J A) Mfg Co 1881 Pittsburgh Ave Erie Pa Zu

# DOORS, COAL CHUTE

Adams Co P O Box 268 Dubuque Iowa Allen Steel Prods Inc 2941 E Ten Mile Rd len Steel Hazel Park Mie

Hazel Park Mich CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO Davis & Siehl Co Box 78 Sta A Cincinnati 23 Oblic

DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Industrial Iron Works P O Box 4625 Portland

2 Ore KEWANEE MFG CO 1642 BURLINGTON AV KEWANEE ILL THE MAJESTIC CO INC HALL ST HUNT-

Pe

eveless Mfg Co 1400 W Ormsby St Louiaville 10 Ky heeling Corrugating Co 1134 Market St Wheeling W Va Wh

### DOORS, COMBINATION, ALUMINUM

All-Lite Metal Window Co Box 11 Bristol Pa Allied Metal Inc 14 Hamilton St New London

Conn Alsco Inc 260 S Forge Box 270 Akron 8 Ohio Alto Mfg Co 1647 W Wolfram Chicago 13 Ill ALUMATIC CORP OF AMERICA 2717 8 48TH ST MILWAUKEE 14 WIS ALWINTITE DIV OF GENERAL BRONZE CORP STEWART AVE GARDEN CITY N American Art Metals Co 433 Highland Ave NE ANDERSON (V E) MFG CO 1515 E 18TH ST OWENSBORO KY Barnhart (A W) Co 140 Highland S Bord Conn

Chester NY Buckeye Window & Door Co 1378 S 22nd St

Buckeye Window & Door Co 1378 S 22nd St Columbus 6 Ohio CAPITAL PRODS CORP 212 LOCUST ST

HARRISBURGH PA arey-McFall Co 2156 E Dauphin St Philadel-Carey

phia 25 Pa CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 24 MICH Cincinnati Fly Screen Div Union Commerce Bidg Cleveland Ohio Compo Miracle Prods Co 15221 W 11 Mile Rd Berkley Mich Diamond Building Prods Corp 3650 E 93rd St Cleveland Ohio

DURALL PRODUCTS CO YORK PA Eagle-Picher Co American Bldg Cincinnati 1 Ohio

Feather-Lite Mfg Co 15889 Schaefer Detroit

27 Mich Jmar (R H) Co 205 E Riverside Dr Austin Folmar Texas

G54

JAMAICA SASH & DOOR CO 120 OLD BROADWAY NEW HYDE PARK N Y Kaufmann Corp 12891 Mt Elliott Detroit 12 Mich

Mich KOTA PRODS INC ROUTE 25A ROCKY POINT L I N Y Hastings Aluminum Prods Inc 225 E Walnut St Hastings Mich Metalcraft Screen Co 1171 Tremont St Boston

20 Mass

Moloney Co 2407 Terminal Tower Cleveland

Ohio Ohio MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO Orange Div Eagle Picher Co American Bidg Cincinnati Ohio Phenix Mfg Co 4129 N Port Washington Mil-waukee 12 Wis Frentice (F W) & Co 430 N Dean St Adrian Mich

Mich

Mich RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO Rylock Co Ltd 2485 Washington Ave San Leandro Calif Schumacher (F E) Co 200 Mill St Hartville Ohio

Ohio Security Co 385 Midland Detroit 3 Mich Security Sash & Screen Co 385 Midland De-troit 3 Mich

SILCREST CO 100 THOMAS ST WAUSAU WIG

W15 State Storm Windows Co Inc 131 Shonnard St Syracuse M Y Superior Industries Inc 3786 Oakwood Ave Youngstown 9 Obio Union Machine Co 708 Colfax Ave Kenilworth M J

N J Universal Fabricators 1785 1829 Boone Ave New York 60 N Y V-Seal Corp 1300 Batavia Rd Royal Oak Mich Wagner Awning & Mfg Co 2658 Scranton Rd

Cleveland 1 Ohio Weather-proof Co 1409 E 40th St Cleveland 3

Winstrom Mfg Corp 15-32 127th St College Point N Y

Winsulite Mfg Co 725 N Central Ave Baltimore B.E.d

WINTER SEAL COP DETROIT 27 MICH CORP 14575 MEYERS RD Wisco Aluminum Corp 3945 A St Detroit Mich

### DOORS, COMBINATION, STEEL

Challenger Prods Inc Hammond & Gregg St

Challenger Prods Ine Hammond & Gregg St Carnegie Pa Gineinnati Fly Screen Div Union Commerce Bidg Cleveland Ohio CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO Compo Miracle Prods Co 15221 W 11 Mile Rd Berkley Mich Diamond Building Prods Corp 3650 E 93rd St Cleveland Ohio McKinley (Orman O) Co 4530 N Keystone Ave Indianapolis 5 Ind Paramount Aluminum Prods Corp Broad Hol-low Rd Farmingdale L I N Y RUSSELL (F C) CO 1160 CHESTER AVE CLEVELAND 1 OHIO

### DOORS, COMBINATION, WOOD

Angel Novelty Co 340 Broad St Fitchburg Mass Anson & Gilkey Co Merrill Wis Anson & Gilkey Co Merrin was Bond-Howell Lumber Co 515 E Ninth St Jack-

sonville Fla Buckeye Window & Door Co 1378 S 22nd St Columbus 6 Obio

Columbus 6 Obio Burke Millwork Co P O Box 1844 Seattle 11

Burke Millwork Co P O Box 1844 Seattle 11 Wah CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE 10WA Cole Mfg Co PO Box 2657 Memphis 2 Tenn Combination Door Co 188 S Military Rd Fond Du Lae Wis CONTINENTAL SCREEN CO 310 S MICHI-GAN AVE CHICAGO 4 1LL CURTIS COS INC 1200 S SECOND AVE CLINTON 10WA Farley & Loetacher Mfg Co Dubuque Iowa GEORGIA-PACIFIC PLYWOOD CO P O BOX 311 PORTLAND ORE Goshen Sash & Door Co East Purl Goshen Ind Greag & Son Inc 21-31 Blandin Ave Framing-ham Mass Edward Hines Lumber Co 77 W Washington St Chicago 2 H Cord-BeLL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO M & M Woodworking Co 2301 N Columbia Bivd Portland 17 Ore Marquart Millwork Co 50 Cape St Oshkosh Wia

Wis

Midw vest Jobbers Inc 3800 S Racine Chicago S

Morgan Co 520 Oregon St Oshkosh Wis Morgan Sash and Door Co 2287 Blue Island Chicago 8 Ill

MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO National Sereen Co Inc Madison Ave Extended Suffolk Va National Sereen Door Mfg Co P O Box 1887 Montgomery 3 Ala Northeren Sash & Door Co Hawkins Wis Northeret Door Co P O Box 1477 Tacoma 1

Wash Phenix Mfg Co 4129 N Port Washington Mil-waukee 12 Wis Plywood Tacoma Co 540 E 15th St Tacoma

Plywood Wash

Prentice (F W) & Co 430 N Dean St Adrian

Mich ROACH & MUSSER CO MUSCATINE IOWA Robertson (A) & Son Inc PO Box 111 Bing-hamton NY Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill Rockwell of Randolph Inc Randolph Wis Schumacher (F E) Co 200 Mill St Hartville

Ohio Segen elke & Kohlhaus Co 600 S Second St La

Segelke & Kohlhaus Co 600 S Second St Le Crosse Wis Silcrest Co 100 Thomas St Wausau Wis WABASH SCREEN DOOR CO 310 S MICHI-GAN AVE CHICAGO 4 ILL Window Conditioning Co 32 Brown St Barberton Ohio

# DOORS, COMPLETE ASSEMBLY BUILDERS MFG CO 528 N 37TH BOX 3007 BIRMINGHAM ALA Carnahan Mfg Co P O Box 37 T

Carnahan Mfg Co P O Box 37 Loogootee Ind CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL

Clark Door Co Inc 515 Hunterdon St Newark 8 N J

o N J Craftwood Prods 94 Stevenson St Belleville N J ENGINEERING SALES CO 550 McNEILLY RD PITTSBURGH 16 PA Goshen Sash & Door Co East Purl Goshen Ind Huttig Sash & Door Co 1206S Vanderventer St Louis 10 Mo

St Louis 10 Mo Ideal Co 24th & Mary Sts Waco Texas KOTA PRODS INC ROUTE 25A ROCKY POINT L I N Y LUMBER FABRICATORS INC FT PAYNE

ALA RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO Schacht Associates Inc 1175 E 156th St New York 59 N Y

TILT-A-DOOR CORP 3800 E OUTER DR DE-

TROIT MICH V-Seal Corp 1200 Batavia Rd Royal Oak Mich WADSWORTH HOMES INC 2949 CHRYSLER RD KANSAS CITY KANS Walled Lake Door Co 1225 W Maple Rd Walled Lake Mich

Z & E TOOL CO 407 SAND HILL RD LEBA-NON PA

ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS Buffelen Mfg Co Box 1595 Tacoma 1 Wash Burke Millwork Co P O Box 1844 Seattle 11

Wash Cruver Sales Co P O Box 1102 Tacoma Wash GEORGIA-PACIFIC PLYWOOD CO P O BOX 311 PORTLAND ORE

311 PORTLAND ORE Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill LONG-BELL LUMBER CO 326-8 GRAND AVE KANSAS CITY 6 MO & M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore Mauk Seattle Lumber Co 3935 University Se-attle 5 Wash Milwaukee Plywood Co 1227 W Bruce St Mil-

Milwaukee Plywood Co 1227 W Bruce St Mil-waukee 4 Wis waukee 4 Wis Monarch Door & Mfg Co Tacoma Wash MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Northwest Door Co P O Box 1477 Tacoma 1 Wash Plytex Corp 1731 Elston Ave Chicago 22 Ill Plywood Tacoma Co 540 East 15th St Tacoma

Quincy Adams Colonial Doors 118 Maple St Manchester N H Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis

Wis Simpson Logging Co Shelton Wash UNITED STATES PLYWOOD CORP 55 W 41TH ST NEW YORK 36 N Y Washington Door Co Tacoma Wash Western Door & Plywood Corp 1835 N W 17th St Fortland 4 Ore

Actna Steel Prods Corp 730 Fifth Ave New York 19 N Y Actna Steel Proz Corp 130 First Ave Actor York 19 N Y American Metal Works Inc 4401 Bienville St New Orleans La AMERICAN WELDING & MFG CO 310 DIETZ RD WARREN OHIO Brownell Co 300 N Findlay St Dayton 1 Ohio

AMERICAN BUILDER

ALA

DOORS, FIR

Weeh

Plywood Wash

Quincy Manch

DOORS, FIRE

COLORADO FUEL & IRON CORP CONTI-NENTAL OIL BLDG DENVER 2 COLO Cornell Iron Works Inc 36th Ave & 13th St Long Island City 6 N Y Diebold Inc 818 Mulberry Rd SE Canton 2,

Ohio Fox Bros Mfg Co 2717 Sidney St Et Louis 4

Mo Harris Preble Fire Doors Inc 4608 W 20th St Chicago 50 Ill International Fireproof Door Co 76 Lexington Ave Brooklyn 5 N Y International Steel Co 1321 Edgar St Evans-

International Steel Co 1021 Eugen Ave ville 7 Ind KINNEAR MFG CO 7TH & FIELDS AVE COLUMBUS 16 OHIO Mesker Bros 6th Poplar & 7th St Louis 2 Mo National Metal Door & Buck Corp 420 Lexing-ton Ave Brooklyn 21 N Y

National Metal Door & Buck Corp 420 Lexing-ton Ave Brooklyn 21 N Y RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL Richmond Fireproof Door Co Box 97 Friends Sta Richmond Ind RODDIS PLWYOOD CORP 1155 PALMETTO

MARSHFIELD WIS St. Louis Fire Door Co 400 Withers Ave St Louis 7 Mo

Louis 7 Mo Syracuse Fire Door Corp 900 Canal St Syra-cuse 3 N Y UNITED STEEL FABRICATORS INC 333 GASCHE ST WOOSTER OHIO UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 N Y Virginia Metal Prods Inc Dept A 44 Orange Ve

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Va WAGNER IRON WKS 1905 S FIRST ST MIL-WAUKEE 1 WIS Williams Prods Co Inc 6127 Cedar Ave Phila-delphia 43 Pa

delphia 43 Pa Williamburg Steel Prods Co 92 Quay St Brook-lyn 22 NY Willis Steel Carp Box 149 Galesburg III Wilson (J G) Corp 370 Lexington Ave New York 17 N Y

# DOORS, FLEXIBLE & FOLDING

AMERICAN BAMBOO CORP 171-04-06 JA-MAICA AVE JAMAICA 32 N Y American Steel Door Co 11148 Harper Ave De-

Mich WELDING & MFG CO 310 DIETZ AMERICAN

RD WARREN OHIO ailey & Weston Inc 81 Washington St Boston Bailey & V 14 Mass

Bemis Bros Bag Co 408 Pine St Box 7 St Louis 2 Mo

Demis Bros Bag Co 408 Pine St Box 7 St Louis 2 Mo Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio Central Venetian Blind Mfg Co 2829 N Natoma Chicago H III Clopay Corp Clopay Square Cincinnati 14 Ohio Cloure Inc 533 E Forcest Ave Detroit 1 Mich COLUMBA MILLS INC 120 W ONONDAGA ST STRACUSE 2 N Y CONSOLIDATED GENERAL PRODS INC P O BOX 7425 HOUSTON TEXAS CURTITION CO 2227 SAWTELLE BLVD W LOS ANGELES CALIF De Jong Inc 34-23 Seth St Long Island City 1 ..N Y

ndoor Inc 1823 Commerce St Muskegon

Extendo Mich Mich Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla

Florida Georgia Drick & Life Co and Alassi St Jacksonville Fla HOLCOMB & HOKE MFG CO INC 1545 VAN BUREN INDIANAPOLIS 7 IND HOWE MFG CORP 1203 S JACKSON ST JANESVILLE WIS

Mid st Jobbers Inc 8300-08 S Racine Chicago

8 III NEW

S III NEW CASTLE PRODS INC BOX 353 NEW CASTLE IND NOVA SALES CO TRENTON 3 N J RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL ROLSCREEN CO MAIN ST PELLA IOWA Spokane Sash & Door Co P O Box Spokane Wash

TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

WARREN SHADE CO INC 2907 E HENNE-

WARKEN SHADE CO INC 2907 E HENNE-PIN AVE MINNEAPOLIS MINN Warren Venetial Blind Co 2007 E Hennepin Ave Minneapolis Minn Williams Prods Co Inc 6127 Cedar Ave Phila-delphia 43 Pa

Industries 138 Parsons Ave Columbus

Yardley In 15 Ohio

### DOORS, FLUSH, WOOD

Angel Novelty Co 340 Broad St Fitchburg

Mass Anson & Gilkey Co Merrill Wis

ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 18 MASS Braund Plywoods Inc 214 Wabeek Bldg Bir-mingham Mich Buffelen Mfg Co Box 1595 Tacoma 1 Wash Burke Millwork Co P O Box 1844 Seattle 11 Wash

Carnahan Mfg Co PO Box 37 Loogootee Ind

ARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA CARR ander Door Inc Maple Ave & B & O RR e.

Holmes Holmes Pa Craftwood Prods 94 Stevenson St Belleville N J

N J Cruver Sales Co P O Box 1102 Tacoma Wash CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA CURTIS COS AMERICAN PLYWOOD DIV NEW LONDON WIS Elliott Bay Mill Co 600 W Spokane St Seattle 4

Wach

wash Farley & Loetscher Mfg Co Dubuque Iowa Flush Door Div 780 Union Commerce

Farley & Loetscher Mfg Co Dubuque Iowa Flush Door Div 780 Union Commerce Bldg Cleveland 14 Ohio GENERAL PLYWOOD CORP 3131 W MAR-KET LOUISVILLE 12 KY GEORGIA-PACIFIC PLYWOOD CO P O BOX

GEORGIA-PACIFIC PLYWOOD CO P O BOX 311 PORTLAND ORE Goshen Sash & Door Co E Purl Goshen Ind Gregg & Son Inc 21-31 Blandin Ave Framing-ham Mass Hardwood Prods Corp P O Box 191 Neenah

8875 W18 HASKELITE MFG CORP 701 ANN STREET N W GRAND RAPIDS MICH HOWELL MFG CO N MOREHALL RD PAOLI PA

PAOLI PA Hurd Millwork Corp Medford Wis Hurtig Mfg Co Muscatine Iowa Hyde-Murphy Co Murphy Bidg Ridgway Pa Ipik Plywood Co Kenner La Kennedy (J G) Lbr Co Seattle 1 Wash Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill Letraco Building Prods 8 Broadway New York 4 N V

Wia

Seattle Lumber Co 3935 University Mank

Mauk Seattle Lumber Co 3335 University Seattle 5 Wash MENGEL CO 4TH & COLORADO LOUIS-VILLE 1 KY

VILLE I KY Michigan Door Co 330 Franklin St SW Grand Rapids Mich Midwest Jobbers Inc 3300-08 S Racine Chi-

Rapids Mich Midwest Jobbers Inc 3300-08 S Racine Chi-cago 8 Ill Midwest Plywood Co 10101 Lyndon Ave De-troit 38 Mich

Milwaukee Plywood Co 1227 W Bruce St Mil-waukee 4 Wis

waukee 4 Wis Minnesota Wood Specialties Inc P O Box 216 St Paul Park Minn Morgan Co 520 Oregon St Oshkosh Wis MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Northwest Door Co P O Box 1477 Tacoma 1 Wash Pacific Forest Sales Corp 1103 N Riverside Medford Ore Pacific Mfg Co 2610 The Alameda Santa Clara Calif

Calif

Calif PAINE LUMBER CO LTD 73 W ALGOMA OSHKOSH WIS Plytex Corp 1731 Elston Ave Chicago 22 Ill Plywood & Door Sales Corp Sugarcreek Ohio Plywood Tacoma Co 540 E 15th St Tacoma Wash

Wash Quincy Adams Colonial Doors 118 Maple St Manchester N H Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill Rockwell of Randolph Inc Randolph Wis RODDIS PLYWOOD CORP 115 PALMETTO MARSHFIELD WIS Rose (D M) & Co Rose Place Knoxville 4 Tenn

Tenn Segelke & Kohlhaus Co 600 S Second St La

SILCREST CO 100 THOMAS ST WAUSAU

WIS Simpson Logging Co Shelton Wash

Simpson Logging Co Shelton Wash THOMASON PLYWOOD CORP P O BOX 352 FAYETTEVILLE N C Underwood Veneer Div Connor LBR & Land Co P O Box 810 Wausau Wis U S Sliding Door Corp 25-16 12th St Long Island City N Y

UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 N Y

THE VISADOR CO 8500 SOVEREIGN ROW DALLAS TEXAS Walled Lake Door Co 1225 W Maple Rd Walled Lake Mich

Lake Mich Weisberg-Baer Co 4-05 26th Ave Long Island City 2 N Y Western Door & Plywood Corp 1885 N W 17th St Portland 4 Ore Wisconsin Door Co 10101 Lyndon Ave Detroit Wisconsin Door Co 10101 Lyndon Ave Detroit Voutes Wich

Young Mich Wood Prods Co P O Box 166 Novi

### DOORS, GARAGE, UPWARD ACTING, METAL

BARBER-COLMAN CO PARK PLANT ROCK-FORD ILL etter-Bilt Door Co 950 Harbor Rd Egg Harbor City NJ B

Burt Mfg Co 44 E South St Akron 11 Ohio DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH FRANTZ MFG CO 301 W THIRD ST STER-

BLVD DETROIT 11 MICH FRANTZ MFG CO 301 W THIRD ST STER-LING ILL Gide-Away Div Stamping Prods & Mfg Co 6500 Mack Ave Detroit 7 Mich HUCK & GERHARDT G & LUZERNE STS PHILADELPHIA 24 PA KINNEAR MFG CO SEVENTH & FIELDS AVE COLUMBUS 16 0HIO MORRISON STEEL PRODS INC 601 AM-HERST ST BUFFALO 7 NY RAYNOR MFG CO E RIVER RD DIXON ILL STANLEY WORKS NEW BRITAIN CONN Steel Door Corp 2400 E Lincoln Rd Birming-ham Mich STODDARD MFG CO 617 FOURTH ST SW MASON CITY 10WA STRAND GARAGE DOOR DIV DETROIT STEEL PRODS CO 2550 E GRAND BLVD DETROIT 11 MICH TAYLOR MADE GARAGE DOORS INC 19800 FITZPATRICK DETROIT 28 MICH TILF-A-DOOR CORP 3800 E OUTER DR DETROIT MICH

LT-A-DOOR CO DETROIT MICH

DETROIT MICH Wilson (J G) Corp 370 Lexington Ave New York 17 NY WINDSOR DOOR CO 2284 JERICHO TURN-PIKE GARDEN CITY PARK NY

BARBER-COLMAN CO PARK PLANT ROCK-FORD ILL

**OVER**doors

Buffelen Mfg Co Box 1595 Tacoma 1 Wash Burke Millwork Co PO Box 1844 Seattle 11

CALDER MFG CO 630 N PRINCE ST LAN-CASTER 12 PA CAPITOL PRODS CO 1839 S MAIN BOX 351 JACKSONVILLE ILL CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA Clark Door Co Inc 815 Hunterdon St Newark 8 NJ Commander Dece Version

Commander Door Inc Maple Ave & B&O RR Commander Door Inc Maple Ave & B&O KR Holmes Pa CRAWFORD DOOR CO 20263 HOOVER RD DETROIT 5 MICH Cruver Sales Co PO Box 1102 Tacoma Wash CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA

Essential Prods Corp 1120 N Madison St Little Chute Wis Chuice Wis Farley & Loctacher Mfg Co Dubuque Iowa FRANTZ MFG CO 301 W THIRD ST STER-LING ILL GENERAL DOOR MFG CO PO BOX 60 WEST BEND WIS

GENERAL DOOR MFG CO PO BOX 60 WEST BEND WIS GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE Goshen Sash & Door Co E Purl Goshen Ind GRAHAM INDUSTRIES INC 6901 CARNEGIE CLEVELAND 3 OHIO Hall Enterprises Casco Wis HOWELL MFG CO N MOREHALL RD PAOLI PA Ideal Co 24th & Mary Sts Waco Texas KINNEAR MFG CO SEVENTH & FIELDS AVE COLUMBUS 16 OHIO Kochton Plywood & Veneer Co Inc 509 W Roosevek Chicago 7 III Latos Prods Co 909 New Boston Rd Texarkana Texas

Texas Texas LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO & M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore MCKEE DOOR CO 85 HANKES AVE AU-RORA ILL Morgan Overhead Door Co 1018-24 Hodiamont St Louis Mo MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Northwest Door Co PO Box 1477 Tacoma 1 Wash

Wash OVERHEAD DOOR CORP PRR & KICKA-POO ST HARTFORD CITY IND Pacific Mutual Door Co Tacoma Bidg Tacoma

Wash Phenix Mfg Co 4129 N Port Washington Mil-waukee 12 Wis Quiney Mfg Co Wall & Hudson Sta Tiffin Ohio RAYNOR MFG CO E RIVER RD DIXON ILL RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL RIDGE DOOR CO MONMOUTH JUNCTION NI

ROACH & MUSSER CO MUSCATINE IOWA Rock Island Millwork Co 2525 Fourth Ave Rock Island III

Ges

Pacific Wash

see full page ad this issue on

doors, door operators and controls

DOORS, GARAGE, UPWARD

ACTING, WOOD

Barcol.

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BARBER

COLMAN

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ockwell of Randolph Inc Randolph Wis OWE MFG CO 614 W THIRD ST GALES-BURG ILL DOWE

BURG ILL SHEFFIELD DOORS INC SHEFFIELD ILL SILCREST CO 100 THOMAS ST WAUSA SILCREST WAUSAU

Simpson Logging Co Shelton Wash STANLEY WORKS NEW BRITAIN CONN Starline Ine 300 W Front St Harvard III STODDARD MFG CO 617 FOURTH ST SW MASON CITY IOWA United Industries Inc 900 N 43rd St Milwaukee 8 Wis

WAGNER MFG CO 122 W FIRST ST CEDAR FALLSIOWA

### DOORS, GLASS

AMERICAN SHOWER DOOR CO INC 1028 N LA BREA AVE LOS ANGELES 38 CALIF Angel Novelty Co 340 Broad St Fitchburg Mass ARCADIA METAL PRODS 324 N SECOND AVE ARCADIA CALIF Bache (Semon) & Co 636 Greenwich St New York 14 NY

York 14 NY Belknap Glass Co 1000 Valley Scattle 1 Wash BELLEVUE METAL PRODS 1314 E FIRST ST LOS ANGELES 33 CALIF Blue Ridge Glass Corp PO Box 631 Kingsport

Tone

Tenn Crane Fullview Glass Door Co 4616 N Clifton Ave Chicago 40 III Fulton Glass Co Box 348 Hartford City Ind Hagemann Cos Inc 2145 Central Pkwy Cincin-nati 14 Ohio Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo

Huitlig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo LIBBEY-OWENS-FORD GLASS CO 608 MADISON ST TOLEDO 3 OHIO LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA Malibu Mfg Corp 8438 Melrose Ave Los An-gelea 48 Calif Northwest Door Co PO Box 1477 Tacoma 1 Weak

Wash NUDOR MFG CORP 7326 FULTON AVE NORTH HOLLYWOOD CALIF PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH E1 PA RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO

Salat Glass Co 4717 Stenton Ave Philadelphia

Safetee Glass Co 4717 Stenton Ave Philadelphia 44 Pa Schacht Associates Inc 1175 E 156th St New York 59 NY

York 59 NY Shower Door Co of America 1301 Chattahoochee Atlanta Ga Silde-View Door & Window Co 521 N La Cienega Bird Los Angeles 48 Calif Standard Building Prods Co 621 McDonald Ave Brooklyn 18 NY Sun Valley Calif TRENDW ARE INC 1165 FAIP OAKS AVE S PASADENA CALIF

### DOORS, JALOUSIE

ADAMS ENGINEERING CO LITTLE RIVER BRANCH MIAMI 38 FLA Air Vue Prods Corp 3649 NW 50th St Miami

Fla

Fla Fla Alseo Inc 260 S Forge Box 270 Akron 8 Ohio Angel Novelty Co 340 Broad St Fitchburg Mass Atco Aluminum Frods 1910 S Kuhl Ave Or-lando, Fla CAPITAL PRODS CORP 212 LOCUST ST HARRISBURGH PA Carey-McFall Co 2156 E Dauphin St Philadel-phia 25 Pa Hess Mfg Co Quincy Pa Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo Kaufmann Corp 12891 Mt Elliott Detroit 12 Mich

Mich Mich LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO TRIANGLE ALUMINUM PRODS CO 3552 NW 50TH ST MIAMI FLA Universal Metal Frods Corp 4041 NW 26th St Miami Fla V-Seal Corp 1300 Batavia Rd Royal Oak Mich

Miami Fia V-Seal Corp 1300 Batavia Rd Royal Oak Mich WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA

### **DOORS, LAUNDRY CHUTE**

A & A REGISTER CO CLEVELAND 9 OHIO Allen Steel Prods Inc 23 Hazel Park Mich CAREY (PHILIP) MFG **REGISTER CO 8327 CLINTON RD** 

CLEVELAND 9 OHIO. Allen Steel Prode Inc 2941 E Ten Mile Rd Hazel Park Mich CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO CLEVELAND STEEL SPECIALTY CO 3779 E 918T ST CLEVELAND 5 OHIO Copeo Steel & Engr Co 14035 Grand River Ave Detroit 27 Mich DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO

Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich Ideal Cabinet Corp 5036 W Lake St Chicago 44

TII

III Kluegel & Co 169 W Kellogg St Paul 2 Minn LEIGH BLDG PRODS DIV GLADE ST AT LARCH COOPERSVILLE MICH... Marquart Millwork Co 50 Ceape St Oshkosh Win

### DOORS, LOUVRE, WOOD

Anson & Gilkey Co Merrill Wis

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nson & Glikey to merrin the uffelen Mig Co Box 1595 Tacoma 1 Wash ARR ADAMS & COLLIER CO 11TH & JACKSON DUBLQUE 10WA learview Louver Window Co 2625 Elm St

JACKSON DUBUQUE IOWA JACKSON DUBUQUE IOWA Clearview Louver Window Co 2625 Elm St Dallas 1 Tex Craftwood Prods 94 Stevenson St Belleville NJ CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA Stanley Building Specialties Co 1890 NE 146th St North Miami 6 Fla Farley & Loetscher Mfr Co Dubuque Iowa GEORGIA-PACIFIC FLYWOOD CO FO BOX 311 PORTLAND ORE Goshen Sash & Door Co E Purl Goshen Ind Gregg & Son Inc 21-31 Blandin Ave Framing-ham Mass

Gosnen Sash & Door Co E Furi Gosnen ind Gregg & Son Inc 21-31 Blandin Ave Framing-ham Mass Heinleys Movable Shutters 1620 Euclid Santa

Meinieys movaole Snuttern 1020 Luciu Santa Monica Calif Hurd Millwork Corp Medford Wis Hyde-Murphy Co Murphy Bidg Ridgway Pa Ideal Co 24th & Mary Sta Waco Tex Kaufmann Corp 1289 Mt Elliott Detroit 12

Mich LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA

NORTH MLAMI FLA M & M Woodworking Co 2301 N Columbia Blvd Portland 17 Oregon St Oshkosh Wis MGRAN Co 520 Oregon St Oshkosh Wis MGRAN ST LOUIS MO Plywood Tacoma Co 540 E 15th St Tacoma Plywood Tacoma Co 540 E 15th St Tacoma Portandi of Parabola Los Portable Wis

wasn Rockwell of Randolph Inc Randolph Wis Segelke & Kohlhaus Co 600 S Second St La Crosse Wis

SILCREST CO 100 THOMAS ST WAUSAU WIS

Tartan Industries Inc 230 Fifth Ave New York

Union Machine Co 708 Colfax Ave Kenilworth NJ

Tinis versal Metal Prods Corp 4041 NW 26th St Universal Metal Prods Corp 4041 NW 26th St Miami Fla Venetian Blind Prods Co 600 Camelia St Berkeley Calif VISADOR CO 8500 SOVEREIGN ROW DAL-

LAS TEX WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA Western Door & Plywood Corp 1835 NW 17th St Portland 4 Ore

### DOORS, METAL

Adams Co PO Box 268 Dubuque Iowa Aetna Steel Prods Corp 730 Fifth Ave New York 19 NY

American Art Metals Co 433 Highland Ave NE Atlanta Ga American Metal Works Inc 4401 Bienville St

American Metai Works inc 4401 Dienville St New Orleans La AMERICAN WELDING & MFG CO 310 DIETZ RD WARREN OHIO BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO Reiknap Glass Co 1000 Valley Seattle 1 Wash BILCO CO PO BOX 1203 WEST HAVEN 5 CONN

Bogert & Carlough Co Washington Ave Pater-son NJ

son NJ Brasco Mfg Co 152nd & Commercial Harvey Ill CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL Cornell Iron Works Inc 36th Ave & 13th St Long Island City 6 NY Croft Steel Prods Inc 10 Market St Jamestown

NY Cupples Prods Corp 2650 E Hanley Rd St Louis 17 Mo

17 Mo Davis & Siehl Co Box 78 Sta A Cincinnati 23 Ohio

DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md

more 18 Md ederal Windows Inc PO Box 60 Waukesha Fe

Wis Harris Preble Fire Doors Inc 4608 W 20th St

Harris Freble Fire Doors Inc 4608 W 20th St Chicago 50 III International Fireproof Door Co 76 Lexington Ave Brooklyn 5 NY International Steel Co 1321 Edgar St Evans-ville 7 Ind

KAWNEER CO 1105 N FRONT ST NILES MICH

KINNEAR MFG CO SEVENTH & FIELDS AVE COLUMBUS 16 OHIO

Marmet Corp PO Box 208 Wausau Wis

Martin-Parry Corp 1455 W Alexis Rd Toledo

Ohio Mesker Bros Poplar & Seventh St Louis 2 Mo Milwaukee Stamping Co 800 S 72nd St Milwau-Milwaukee Stamping Co 800 S 72nd St Milwaukee kee 14 Wis Mosler Safe Co 320 Fifth Ave New York 1 NY Nator Store Fronts 15 Fourth St Taunton

Mass NATIONAL ALUMINUM CO 1 CREEK DR COLUMBUS OHIO Newman Brothers Inc 660-70 W cinnati 3 Ohio 1133 ALUM 4th St Cin-

cinnati 3 Ohio RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL Richmond Fireproof Door Co Box 97 Friends Sta Richmond Ind RUSSELL (F C) CO 1100 CHESTER AVE

STA RICHMOND IND RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO St Louis Fire Door Co 400 Withers Ave St Louis 7 Mo

Soula Steel Co 1750 Army St San Francisco 24

Calif STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO Stewart Iron Works Inc PO Box 1039 Cincin-nati 1 Ohio

nati 1 Ohio TENNESSEE FABRICATING CO 1490 GRIMES ST MEMPHIS TENN THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

OHIO Trusshilt Div Siema Bro Inc 2575 Como Ave St Paul 8 Minn Tyra (R K) Co Highway 61 Tyra Minn UNITED STEEL FABRICATORS INC 333

UNITED STEEL "ABRICATORS INC 333 GASCHE ST WOOSTER OHIO Virginia Metal Prods Inc Dept A 44 Orange Va VULCAN METAL PRODS 2801 SIXTH AVE S BIRMINGHAM ALA WAGNER IRON WORKS 1905 S FIRST ST MILWAUKEE 1 WIS Williamsburg Steel Prods Co 92 Quay St Brook-lyn 22 NY Wilson (J G) Corp 370 Lexington Ave New York 17 NY

DOORS, PONDEROSA PINE

Anson & Gilkey Co Merrill Wis CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA Cole Mig Co PO BOX 2857 Memphis 2 Tenn CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA Farley & Loetscher Mig Co Dubuque Iowa Goahen Sash & Door Co E Puri Goshen Ind Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill Hurd Millwork Corp Medford Wis Huttig Mig Co Muscatine Iowa

Hurd Millwork Corp Medford Wis Huttig Mfg Co Muscatine Iowa Ideal Co 24th & Mary Sts Waco Texas Kochton Plywood & Veneer Co Inc 509 W Roosevelt Rd Chicago 7 Ill LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO Marquart Millwork Co 50 Ceape St Oshkosh Wis Mauk Seattle Lumber Co 3935 University Seattle 5 Wash

Wis Mauk Seattle Lumber Co 3935 University Seattle 5 Wash Midwest Jobbers Inc 3300-08 5 Racine Chicago 8 III

8 III Morgan Co 520 Oregon St Oshkosh Wis MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Northern Sash & Door Co Hawkins Wis Roberson (A) & Son Inc PO Box 111 Bingham-ton NY

Roberson (A) & Son LUC 40 2525 Fourth Ave ton NY Rock Island Millwork Co 2525 Fourth Ave Rock Island III Segelke & Kohlhaus Co 600 S Second St La Crosse Wis

WABASH SCREEN DOOR CO 310 S MICHI-GAN AVE CHICAGO 4 ILL

Acme Millwork Inc Box 668 Kirkland Wash Acme Sash & Door Co 1250 Tennessee Ave Acme Sah & Door Co 1250 Tennessee Ave Cincinnati Ohio Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill Bailey-Whalen Co 17 Park Ave West Orange

NJ Buffelen Mfg Co Box 1595 Tacoma 1 Wash Burfelen Mfg Co Fremont Bridge Seattle 3 Wash Central Building Supply Inc 210 E Monument St Baltimore Md Cruver Sales Co PO Box 1102 Tacoma Wash Dayton Sash & Door Co & Norwood Ave Day-ton Ohio Farley & Loctacher Mfg Co Dubuque Iowa General Millwork Corp 325 E Second St Marion Ind

Ind HASKELITE MFG CORP 701 ANN ST NW GRAND RAPIDS MICH Hastings (A W) & Co 373 Highland Ave Somerville Mass Hurd Millwork Corp Medford Wis Imse-Schilling Sash & Door Co 4217 Beck Ave St Louis Mo

AMERICAN BUILDER

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DOORS, PREFIT & PREHUNG

NJ

OHIO

Iron City Sash & Door Co 36th St & B&O RR Pittsburgh Pa Iroquois Door Co Fourth at Hiawatha Syra-

Iroquois I cuse NY

cuse NY Iroquois Millwork Corp Box 391 Albany NY Jordan Millwork Co Sioux Falls SD Lloyd (C) & Sons Ltd Wingham Ont Can Lumber Dealers Inc Box 6886 Stockyards Sta

Denver Colo Marquart Millwork Co 50 Ccape St Oshkosh

Marquart Millwork Co by Octobe 2015 Wis Minnesota Wood Specialties Inc Box 216 St Paul Park Minn MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO National Woodworks Inc Box 5416 Birming-

National Woodworks Inc Box 5416 Birming-ham Ala PAINE LUMBER CO LTD 73 W ALGOMA ST OSHKOSH WIS

OSHKOSH WIS Plytex Corp 1731 Elston Ave Chicago 22 Ill READY HUNG DOOR CORP NEIL P AN-DERSON BLDG FORT WORTH 2 TEXAS Ready Hung Door Mfg Co 200 S Victory Blvd Burbank Calif Ready Hung Do

- Burbank Calif Ready Hung Door Mfg Co 2690 Petroleum St Oakland Calif Ready Hung Door Mfg Corp Box 398 Grayson St Sta San Antonio Texas SILCREST CO 100 THOMAS ST WAUSAU WIS
- Southwest Sash & Door Co Box 124 Houston Taxas

Texas Stevens (Frank) Sash & Door Co Box 1490 Waco Texas U S MENGEL PLYWOODS INC PO BOX 1612 LOUISVILLE 1 KY WADSWORTH INC 2949 CHRYSLER RD KANSAS CITY KANS... Z & K TOOL CO 407 SAND HILL RD LEBANON PA

### DOORS, REVOLVING

Crane Fullview Glass Door Co 4616 N Clifton Ave Chicago 40 III GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY

HARDEN CHTELEN NI International Steel Co 1321 Edgar St Evans-ville 7 Ind Revolvodor International 420 Market St San Francisco Calif

### DOORS, SCREEN, ALUMINUM

Alsco Inc 260 S Forge Box 270 Akron 8 Ohio Barnhart (A W) Co 140 Highland St Port Chester NY CAPITAL PRODS CORP 212 LOCUST ST CAPITAL

CAPITAL PRODS CORP 212 LOUDE SA HARRISBURG PA Carey-McFall Co 2166 E Dauphin St Philadel-phia 25 Pa Crane Fullview Glass Door Co 4616 N Clifton Ave Chicago 40 Ill Durall Frods Co Sixth Ave York Pa Feather-Lite Mfg Co 15889 Schaefer Detroit 27 Mich

Feather-Lite Mfg Co 15889 Schaefer Detroit 27 Mich Hess Mfg Co Quincy Pa Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo Kane Mfg Corp PO Box 641 Kane Pa Kaufmann Corp 12891 Mt Elliott Detroit 12 Mich Lato Prods Co 909 New Boston Rd Texarkana

Tex

Morgan Sash & Door Co 2287 Blue Island Chi-

Morgan Sash & Door Co 2287 Blue Island Chi-cago 8 III NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUBUS OHIO RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO Rylock Co Ltd 2485 Washington Ave San Leandro Calif Trimview Metal Prods 600 N Third St Covina Calif

Calif V-Seal Corp 1300 Batavia Rd Royal Oak Mich

### DOORS, SCREEN, WOOD FRAME

American Sash & Door Co 16th Bellefontaine Kansas City 1 Mo Angel Novelty Co 340 Broad St Fitchburg Mass CARR ADAMS & COLLIER CO 117H & JACKSON DUBUQUE IOWA Cole Mfg Co PO Box 2657 Memphis 2 Tenn CONTINENTAL SCREEN CO 310 S MICHI-GAN AVE CHICAGO 4 1LL Crown Shade & Screen Co 44 Lochdale Rd Boston Mass

GAN AVE CHICAGO 4 11L Crown Shade & Screen Co 44 Lochdale Rd Boston Mass Cruver Sales Co PO Box 1102 Tacoma Wash CURTIS COS INC 1200 § SECOND AVE CLINTON 10WA Detjen Corp Elec Fly Screen Div Post Office Bldg Pleasant Valley NY Farley & Loctscher Mig Co Dubuque Iowa Fordyce Lumber Co Fordyce Ark Goshen Sash & Door Co E Purl Goshen Ind Gregg & Son Inc 21-31 Blandin Ave Framing-ham Mass Holister Coil Spring Mfg Co Avalon & Flor-ence Loa Angeles Calif Hurd Millwork Corp Medford Wis Huttig Mfg Co Muscatine Iowa

- Huttig Sash & Boor Co 1206 S Vanderventer St Louis 10 Mo Ideal Co 24th & Mary Sts Waco Tex Kinzua Pine Mills Co Kinzua Ore
- Kinzua Pine Mills Co Kinzua Ore LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO Marquart Millwork Co 50 Ceape St Oshkosh
- Wia
- Wis Morgan Sash & Door Co 2287 Blue Island Chi-cago 8 Ill National Screen Co Inc Madison Ave Extended Suffolk Va National Screen Door Mfg Co PO Box 1887 Montgomery 3 Ala Northern Sash & Door Co Hawkins Wis Northern Sash & Door Co PO Box 1477 Tacoma 1

- Wash Pacific Mfg Co 2610 The Alameda Santa Clara
- Calif Pa Mutual Door Co Tacoma Bldg Tacoma Wash
- Wash Phenix Mfg Co 4129 N Port Washington Mil-waukee 12 Wis Prentice (F W) & Co 430 N Dean St Adrian
- Mich
- Mich ROACH & MUSSER CO MUSCATINE IOWA Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill Rockwell of Randolph Inc Randolph Wis
- Schumacher (F E) Co 200 Mill St Hartville Ohio
- Ohio Segelke & Kohlhaus Co 600 S Second St La Crosse Wis Semling-Menke Co S Nast St Merrill Wis SLCREST CO 100 THOMAS ST WAUSAU
- WIS
- W18 Simpson Logging Co Shelton Wash WARASH SCREEN DOOR CO 310 S MICHI-GAN AVE CHICAGO 4 ILL White Pine Sash Co E 4005 Broadway Spokane

Wash Winsulite Mfg Co 725 N Central Ave Balti-more 2 Md

### DOORS, SHOWER

- AMERICAN SHOWER DOOR CO INC 1028 N LA BREA AVE LOS ANGELES 38 CALIF BECO CORP 2915-17 CANTON ST DALLAS
- TEXAS

26 TEXAS BINSWANGER & CO 207 N MAIN ST HOUS-TON 1 TEXAS CHEMOLD CO 2000 COLORADO AVE SANTA MONICA CALIF Downey Shower Door Co 8246 E Phlox Downey Calif

- Calif FIAT METAL MFG CO 9301 W BELMONT AVE FRANKLIN PARK ILL Glass Shower Door Co Inc 105 W Wacker Chi-
- cago Ill Ketcham Mfg Corp 70-70 80th St Brooklyn 27 NY
- Lehman Sprayshield Co 3355 York Rd Phila-

- Lehman Sprayshield Co 3355 York Rd Phila-delphia 40 Pa LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA Milwaukee Stamping Co 800 S 72nd St Mil-waukee 14 Wis MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO National Metal-Art Mfg Co 1900 Eighth Ave Brookyn 15 NY PITTSBURGH PLATE CLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA RESOLITE CORP ZELIENOPLE PA Rippolite Plastics Prods Inc 3910 Cohasset St Burbank Calif Shower Door of America 1301 Chattahoochee

- Shower Door of America 1301 Chattahoochee

Shower Door of America 1301 Chattahoochee Atlanta Ga SHOWER ENCLOSURES INC 4723 N PUL-ASKI CHICAGO 40 ILL Standard Building Prods Co 621 McDonald Ave Brooklyn 18 NY Standard Stel Cabinet Co 3701 N Milwaukee

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Windsor Supply Inc 4424 San Fernando Glen-dale 4 Calif

# DOORS, SIDEWALK

- Adams Co PO Box 268 Dubuque Iowa BILCO CO PO BOX 1203 WEST HAVEN 5

- BILCO CO PO BOX 1203 WEST HAVEN 5 CONN Dirmingham Ornamental Iron Co PO Box 1911 Birmingham Ala Brady Conveyors Corp 20 W Jackson Blvd Chi-cago 4 Ill CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 0H10 Fries & Son Steel Const & Eng Co Covington Ky Ky
- Ky ogan Co 201 Cabel St Louisville 6 Ky IETAL CRAFTERS E AVE AT 18TH ST CEDAR RAPIDS 10WA METAL

# DOORS, SLIDING GLASS

ALWINTITE DIV GENERAL BRONZE CORP STEWART AVE GARDEN CITY NY

- AMERICAN SHOWER DOOR CO INC 1028 N LA BREA AVE LOS ANGELES 38 N LA
- CALIF ARCADIA METAL PRODS 324 N SECOND AVE ARCADIA CALIF BELLEVUE METAL PRODS 1314 E FIRST ST LOS ANGELES 33 CALIF FLEET OF AMERICA INC 515 NEW WAL-DEN AVE BUFFLA 025 NY GLAMOURGLASS WALL-DOR 4723 N PULA-SKI CHICAFO ILL



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- HORIZON DOOR CO INC 1426 FLOWER ST GLENDALE CALIF Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Moor Co 1206 S Vanderventer KOTA PRODS INC ROUTE 25 A ROCKY POINT LI NY
- POINT LI NY Lehman Sprayshield Co 3355 York Rd Phila-delphia 40 Pa National Metal-Art Mfg Co 1900 Eighth Ave Brooklyn 15 NY NUDOR MFG CORP 7326 FULTON AVE NORTH HOLLYWOOD CALIF RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO Shower Door Co of America 1301 Chattahoochee

Shower Door Co of America 1301 Chattahoochee Atlanta Ga SLIDE MASTER GLASS DOOR & WINDOW CO 9015 WILSHIRE BLVD BEVERLY HILLS CALIF Steelbilt Inc 18001 S Figueroa Gardena Calif SUN VALLEY SLIDING DOOR CO 8354 SAN FERNANDO SUN VALLEY CALIF TRENDWARE INC 1105 FAIR OAKS AVE S PASADENA CALIF Trimview Metal Prods 600 N Third St Covina Calif

Windsor Supply Inc 4424 San Fernando Glen-dale 4 Calif

DOORS, SLIDING, RESIDENTIAL

A B C Steel Equipment Co 211 E 22nd St New York NY A B C Steel Equipment Co 17th & First Ave Tampa 5 Fla Accurate Metal Weatherstrip Co 216 E 26th St New York 10 NY New York 10 NY ADAMS ENGR CO PO BOX 936 MIAMI 38 FLA Aetna Steel Prods Corp 730 Fifth Ave New York 19 NY

FLA Actna Steel Prods Corp 730 Fifth Ave New York 19 NY ALWINTTE DIV GENERAL BRONZE CORP STEWART AVE GARDEN CITY NY AMERICAN SCREEN PRODS CO 867 NW 20TH ST MIAMI 37 FLA American Steel Door Co 11148 Harper Ave Detroit 13 Mich MERICAN WEDDING & MFG CO 310 DIETZ RD WARREN OHIO ARCADIA METAL PRODS 324 N SECOND AVE ARCADIA CALIF BUILDERS MFG CO 528 N 37TH BOX 3007 BIRMINGHAM ALA CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO Cole Mfg Co FO Box 2657 Memphis 2 Tenn Craftwod Prods 94 Stevenson St Belleville NJ Cruver Sales Co PO Box 1102 Tacoma Wash CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA Dyke Brothers 309 Center Little Rock Ark ENGINEERING SALES CO 550 MCNEILLY RD PITYSBURGH 16 PA Exiner (Alexander) Co Merchandise Mart Chi-cago Ed III EZ-WAY SALES INC BOX 300 ST PAUL PARK MINN Farley & Loetscher Mfg Co Dubuque Iowa FLEET OF AMERICA INC 515 NEW WAL-DEN MERICA INC 515 NEW WAL-DEN AC MERICA INC 515 NEW WAL-DEN AC MERICA INC 516 NEW WAL-DEN AC BUIFFAD 025 NY Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla Folmar (R H) CO 205 E Riverside Dr Austin Tex

Folmar (R H) Co 205 E Riverside Dr Austin

Folmar (R H) Co 205 E Riverside Dr Austin Tex Glide Windows Inc 7463 Varna Ave North Hollywood Calif HASKELITE MFG CORP 701 ANN STREET NW GRAND RAPIDS MICH Hollywood Louvre Window Co 2001 N Ontario St Burbank Calif

G57

Calif

Hurd Millwork Corp Medford Wis Ideal Co 24th & Mary Sts Waco Tex Ipik Plywood Co Kenner La LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA M & M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore Malibu Mfg Corp 8438 Melrose Ave Los An-geles 48 Calif MENGEL CO 4TH & COLORAD LOUIS-VILLE 1 KY MILLER (FRANK B) MFC CO 3216 VAL-HALLA DR BURBANK ALAF Milo Prods Co Grantham Fenn Mino Prods Co Grantham Fenn Mino Prods Co Grantham Fenn Mino Prods Co Grantham Fenn Morgan Co 520 Oregon St Oshkosh Wis NATIONAL DOOR CO 153 AVENUE A BAY-ONNE NJ NORDAHL CO 180 W ALAMEDA AVE BUR-

NATIONAL DOOR CO 163 AVENUE A BAY-ONNE NJ NORDAHL CO 180 W ALAMEDA AVE BUR-BANK CALL? NUDOR MFG CORP 7326 FULTON AVE NORTH HOLLYWOOD CALIF ONE-DER FRAME CORP 1232 N 37TH PL BIRMINGHAM 3 ALA Orchard Mfg Co Easton Pa PANAVIEW 13434 RAYMER ST NORTH HOLLYWOOD CALIF Plytex Corp 1731 Elston Ave Chicago 22 Ill Rock Island Ill Rockwell of Randolph Ine Randolph Wis RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS SLIDE MASTER GLASS DOOR & WINDOW CO 9015 WILSHIRE BLVD BEVERLY HILLS CALIF

SLIDE MASTER GLASS DOOR & WISDOR CO 9015 WILSHIRE BLVD BEVERLY HILLS CALIF Slide-View Door & Window 521 N La Cienega Blvd Los Angeles 48 Calif Standard Building Prods Co 621 McDonald Ave Brookyn 18 NY STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL SUN VALLEY SLIDING DOOR CO 8354 SAN FERNADO SUN VALLEY CALIF Trimview Metal Prods 600 N Third St Covina Calif

TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1

OHIO S Sl'ding Do or Corp 25-16 12th St Long TI

U S Silding Door Corp 25-16 12th St Long Island City NY UNITED STELL FABRICATORS INC 333 GASCHE SJ WOOSTER OHIO UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY Virginia Metal Prods Inc Dept A 44 Orange Va Vitginia Metal Prods Inc Dept A 44 Orange Va Vitginia Metal Prods Inc Pots Laurel Canyon Blvd North Hollywood Calif Walker (T V) & Sons Inc PO Box 547 Bur-bank Calif Western Door & Plywood Corp 1835 NW 17th St Fordland 4 Ore Williams Prods Co Inc 6127 Cedar Ave Phila-delphia 43 Pa

WOODALL INDUSTRIES INC 3500 OAKTON AVE SKOKIE ILL

### DOORS, ROLLING, STEEL

Mahon (R C) Co PO Box 4666 Detroit 34 Mich Cornell Iron Works Inc 36th Ave & 13th St Long Island City 6 NY KINNEAR MFG CO SEVENTH & FIELDS AVE COLUMBUS 16 OHIO Lawrence Steel Co 5746 Venice Blvd Los An-

geles 19 Calif MICHEL & PFEFFER IRON WORKS INC 212 SHAW RD SAN FRANCISCO CALIF WAGNER IRON WORKS 1905 S FIRST ST MILWAUKEE 1 WIS Wilson (J G) Corp 370 Lexington Ave New York 17 NY

### DOORS, ROLLING, WOOD

CALDER MFG CO 630 N PRINCE ST LAN-CASTER 12 PA CAPITOL PRODS CO 1839 S MAIN BOX 351 JACKSONVILLE ILL Cornell Iron Works Inc 36th Ave & 13th St Long Island City 6 NY GRAHAM INDUSTRIES INC 6901 CARNEGIE CLEVELAND 3 OHIO HOWELL MFG CO N MOREHALL RD PAOLL PA KINNEAR MFG CO SEVENTH & FIELDS AVE COLUMBUS 16 OHIO Marquart Millwork Co 50 Ceape St Oshkosh Wis Plytex Corp 1731 Elston Ave Other

Wis Plytex Corp 1731 Elston Ave Chicago 22 Ill Wilson (J G) Corp 370 Lexington Ave New York 17 NY

### DOORS, STORM, WOOD & METAL

Alsco Inc 260 S Forge Box 270 Akron 8 Ohio ANDERSON (V E) MFG CO 1515 E 18TH ST OWENSBORO KY

Angel Novelty Co 340 Broad St Fitchburg Mass Buckeye Window & Door Co 1378 S 22nd St Columbus 6 Ohio Carey-McFall Co 2156 E Dauphin St Philadel-

care and the second sec

Chicago 2 Ill Holister Coil Spring Mfg Co Avalon & Flor-ence Los Angeles Calif

Holister Coil Spring Mfg Co Avalon & Flor-ence Los Angeles Calif LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CLTY 6 MO M & M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore Marquart Millwork Co 50 Ceape St Oshkosh \$871.

Wis The Maloney Co 2407 Terminal Tower Cleve-land Ohio Morgan Co 520 Oregon St Oshkosh Wis MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO Northwest Door Co PO Box 1477 Tacoma 1

Northwest Door Co PO Box 1477 Tacoma 1 Wash Phenix Mfg Co 4129 N Port Washington Mil-waukee 12 Wis Rock Island Millwork Co 2525 Fourth Ave Rock Island III Rockwell of Randolph Ine Randolph Wis RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO SILCREST CO 100 THOMAS ST WAUSAU WIS

WIS BIRMINGHAM ALA BIRMINGHAM ALA White Pine Sash Co 4005 E Broadway Spokane Wash

Window Conditioning Co 32 Brown St Barber-

ton Ohio Winsulite Mfg Co The 725 N Central Ave Bal-timore 2 Md

### DRAINS, FLOOR

Adams Co PO Box 268 Dubuque Iowa Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich American Foundry & Mfg Co 1015 Herbert St St Louis 7 Mo

CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO

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Hardboard Fabricators 55 Branch St Louis

Hardboard Fabricators of Dranker Draw 7 Mo Pacific Board Fabricators 633 E Gage Los Angeles 1 Calif PREFABRICATED PRODS CO INC DEXTER MORTON BLDG SEATTLE 4 WASH TIMBER STRUCTURES INC P O BOX 3782 PORTLAND 8 ORE

PORTLAND 8 ORE Unit Structures Inc Peshtigo Wis WADSWORTH HOMES INC 2949 CHRYSLER RD KANSAS CITY KANS WEYERHAEUSER SALES CO 1ST NAT'L BANK BLDG ST PAUL 1 MINN

### FABRIC, REINFORCING

COLORADO FUEL & IRON CORP CONTI-NENTAL OIL BLDG DENVER 2 COLO COLUMBIA-GENEVA DIV U S STEEL CORP 120 MONTGOMERY ST SAN FRAN-CISCO CALIF CONTINETED STAL COM 100 S MULT

Continental Steel Corp 1109 S Main St Ko-

komo Ind komo Ind Forbes Steel Corp Box 329 Cannonsburg Pa Northwestern Steel & Wire Co Ave B & Wal-lace St Sterling Ill Pittsburgh Steel Prod Co P O Box 118 Pitts-

Pittsourgn Steel Frod Co F O Box 118 Fitts-burgh 50 Pa Planett Mfg Co P O Box 350 Downey Callf Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill Sheffield Steel Div Armco Steel Corp Sheffield Sta Kansas City 25 Mo Soule Steel Co 1750 Army St San Francisco

TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 0H10

### FANS, EXHAUST, WALL & **CEILING, ATTIC & KITCHEN**

Acme Equipment Co 213 E Broadway Musko-gee Okla A

gee Okla erovent Fan Co Inc Ash & Beacon Sta Piqua Ohio ir Controls Inc 2310 Superior Ave Cleveland 14 Ohio Air

Airmaster Corp 4317 Ravenswood Ave Chicago 12 111

13 Ill American Blower Corp Div American-Stand-ard 8111 Tireman Ave Detroit 32 Mich American Coolair Corp 3604 Mayflower St Jacksonville 3 Fla

American Coolair Corp 3004 maynower St Jacksonville 3 Flens DIV AVCO MFG CORP 187H & COLUMBIA CONNERS-VILLE IND BAR BROOK MFG CO 6133 LINWOOD AVE SHREVEPORT LA BERNS MFG CO 3050 N ROCKWELL ST CHICAGO 15 ILL

CHICAGO 18 ILL Bessam Engr Co 2528 Overlook Rd Cleveland Heights 6 Ohio Black Mfg Co 201 Second St Harrison NJ Broan Mfg Co Inc 1669 N Water St Hartford

Wie

Wis Buffalo Forge Co 490 Broadway Buffalo 4 NY C & H Air Conditioning Fan Co 1591-1623 DeKalb Atlanta Ga CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO Champion Blower & Forge Co 1947 Charlotte Lancaster Pa & Forge Co 1947 Charlotte CHELSEA FAN & BLOWER CO INC 639 S AVE PLAINFIELD NJ Clarage Fan Co 719 Porter St Kalamazoo Mich

Mich

Mich Cleveland Heater Co 2310 Superior Ave Cleve-land 14 Ohio COLEMAN CO INC 259 N ST FRANCIS WICHITA 1 KANS CONSOLIDATED GENERAL PROD INC P O BOX 7425 HOUSTON TEXAS Cook Loren Co 664 Front St Berea Ohio CROSLEY DIV AVCO MFG CORP 1329 AR-LINGTON ST CINCINNATI 25 OHIO Dana Fan & Blower Corp 3501 Colerain Ave Cincinnati Ohio

Cincinnati Diehl Mfg Ohio

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GIDEFT (A C) CO EFECOP SQ NEW HAVEN B Conn GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL HERMAN NELSON DIV AMERICAN AIR FILTER CO 215 CENTRAL AVE LOUIS-VILLE KY HUNTER FAN & VENTILATING CO 400 S FRONT ST MEMPHIS 2 TENN HUNTINGTON INDUSTRIES INC 2368 PROSPECT ST MEMPHIS TENN Ig Electric Ventilating Co 2850 N Pulaski Rd Chicago 41 Ill International Engr Inc 1200 Bolander Ave Dayton 1 Ohio

International Engr Inc 1200 Bolander Ave Dayton 1 Ohio Jensen Industries 159 S Anderson Los An-geles 33 Calif Kennedy Co 1620 Dime Bldg Detroit 26 Mich LAU BLOWER CO 2001 HOME AVE DAY-TON 7 OHIO Lehon Co Madison at 25th Ave Bellwood Ill Master Mechanic Mfg Ce Route 83 Burlington Wis

MCLEAN ENGR LAB PRINCETON NJ

MCLEAN ENGR LAB PRINCETON NJ Meier Electric & Machine Co Inc 3525 E Washington Indianapolia Ind Mesker Bros 6th Poplar & 7th St Louia 2 Mo MIAMI CABINET DIV CAREY (PHILIP) MFG CO 1959 GRAND AVE MIDDLETOWN OHIO

MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Murray Co of Texas P O Box 1517 Atlanta Ga Ventrola Mfg Co 501 S Chestnut St Owosso Mich

NELSON (HERMAN) CORP DIV AMERI-CAN AIR FILTER CO 6245 S PULASKI RD CHICAGO 29 ILL

NU TONE INC RED BANK & MADISON CINCINNATI 27 OHIO Peerless Electric Co 1401 W Market St War-ren Ohio

PROGRESS MFG CO INC CASTOR & TULIP AVE PHILADELPHIA 34 PA Robbins & Myers 1345 Lagonda Ave Spring-

field Ohio

field Ohio PRYNE & CO INC 140 N TOWNE POMONA CALIF REED UNIT FANS INC 1001 ST CHARLES AVE NEW ORLEANS 8 LA Robbins & Myers Inc 1845 Lagonda Ave Springfield Ohio

Springfield Ohio ROBERTS MFG CO P O BOX 177 CLE-BURNE TEXAS RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO

CLEVELAND 1 OHIO Schwitzer-Cummins Co 1125 Massach Ave In-dianapolis 7 Ind Seco-Lite Mfg Co 4916 Easton Ave St Louis Mo Sheet Metal Prod Co 2801 Henderson Kilgore

Seco-Life Mfg Co 4916 Easton Ave St Louis Mo Sheet Metal Prod Co 2801 Henderson Kilgore Texas
Shepler Mfg Co 1115 Arlington Ave Pitts-burgh 33 Pa
Signal Electric Div King-Seeley Corp 1821 13th St Menominee Mich
Sin-Jin Prod Co 5236-40 Fairlawn Ave Balti-more 15 Md
Standard Electric Mfg Co Ine Haddon Ave West Berlin NJ
Stanthony Corp 5341 San Fernando Los An-geles 39 Calif
STEWART (S J) ELECTRIC CO 527-531 ST JOSEPH NEW ORLEANS 12 LA
STEWART (S J) ELECTRIC CO 527-531 ST JOSEPH NEW ORLEANS 12 LA
STEWART INDUSTRIES INC 320 E ST JO-SEPH INDIANAPOLIS IND
SUITON (O A) CORP 1812 W 2ND WICH-ITA KANS
THERMADOR ELECTRIC MFG CO 5119 DISTRICT BLVD LOS ANGELES 22 CALIF
TRADE-WIND MOTOR FANS INC 7755 PARAMOUNT BLVD RIVERA CALIF

CALIF TRADE-WIND MOTOR FANS INC 7755 PARAMOUNT BLUD RIVERA CALIF Trane Co 3rd & Cameron La Crosse Wis Universal Ellower Co 1090 S Adams Ave Birmingham Mich United States Air Conditioning Co Como Ave SE at 33rd Minneapolis Minn Uno Ventilator Co 1236 Eastern Ave Malden 48 Mass

48 Mass Viking Air Prod Div Nat'l-U & Radiator Co 5601 Walworth Ave Cleveland 2 Ohio West Wind Corp 1800 Airport Way Seattle 4

Wash WESTAIR FAN & BLOWER DIV WESTERM APPLIANCE CO 5646-50 GRAND RIVER DETROIT 8 MICH WESTINGHOUSE ELECTRIC CORP ELEC-TRIC APPLIANCE DIV 246 E FOURTH ST MANSFIELD OHN 557 Deep Bird Westinghouse Electric Comp 552 Deep Bird

ST MANSFIELD OHIO Westinghouse Electric Corp 653 Page Blvd Springfield 2 Mass Winco Ventilator Co 533 Bittner St St Louis 15 Mo ZINK (JOHN) CO 4401, S PEORIA TULSA 5 OKLA

FANS, PORTABLE, WINDOW

Aerovent Fan Co Inc Ash & Beacon Sts Piqua Ohio Air Controls Inc 2310 Superior Ave Cleveland

Air Controls Inc 2310 Superior Ave Cleveland 14 Ohio American Coolair Corp 3604 Mayflower St Jacksonville 3 Fla Arvin Industries Inc Columbus Ind Automatic Firing Corp 4417 Oleatha Ave St Louis 16 Mo BAR BROOK MFG CO 6133 LINWOOD AVE SHREVEPORT LA BERNS MFG CO 3050 N ROCKWELL ST CHICAGO 18 ILL Buffalo Forge Co 490 Broadway Buffalo 4 NY C & H Air Conditioning Fan Co 1591-1623 DeKalb Atlanta Ga Champion Blower & Forge Co 1947 Charlotte Lancaster Pa CHELSEA FAN & BLOWER CO INC 639 S AVE PLAINFIELD NJ Cleveland Heater Co 2310 Superior Ave Cleve-

CHELSEA FAN & BLOWER CO INC 639 S AVE PLAINFIELD NJ Cleveland Heater Co 2310 Superior Ave Cleve-land 14 Ohio Fresh-nd-Aire Div Cory Corp 221 N LaSalle St Chicago III Diehl Mfg Co 1185 Finderne Ave Somer-ville NJ ELECTRIC MFG CO 8100 FLOR-ISSANT AVE ST LOUIS 21 MO FASCO INDUSTRIES INC 255 N UNION ST ROCHESTER 2 NY Folsom Co Inc 3104 Oak Lane Dallas 10 Tex Frigid Inc 128-68 22nd St Brooklyn 32 NY GENERAL ELECTRIC CO 1285 BOSTON AVE BRIDGEPORT 2 CONN Gibert (A C) Co Erector Sq New Haven 5 Con

GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL Hartzell Propeller Fan Div Castle Hills Corp 1964 Shoyer Ave Piqua Ohio

1964 Shoyer Ave Fiqua Ohio HUNTER FAN & VENTILATING CO 400 S FRONT ST MEMPHIS 2 TENN Ilg Electric Ventilating Co 2850 N Pulaski Rd Chicago 41 Ill International Oil Burner Co 3800 Park Ave St Louis 10 Mo

Jettronaire Inc 1100 E Warrington Pittsburgh 10 Pa

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VENTILATING

Wash

Kennedy Co 1620 Dime Bldg Detroit 26 Mich Kisco Co Inc 2400-40 DeKalb St St Louis 4 Mo Knapp-Monarch Co 3501 Bent Ave St Louis Mo LAU BLOWER CO 2001 HOME AVE DAY-

LAU BLOWER CO 2001 HOME AVE DAY-TON 7 OHIO Lonergan Mfg Div McGraw Electric Co Clark St Albion Mich MARKEL ELECTRIC PRODS INC 129-149 SENECA ST BUFFALO 3 NY Meier Electric & Machine Co Inc 3525 E Washington Indianapolis Ind Mesker Bros 6th Poplar & 7th St Louis 2 Mo Murray Co of Texas P O Box 1517 Atlanta Ga Ventrola Mfg Co 501 & Chestnut St Owosso Mich

Ventrola Mfg Co ov a Mich Nat'l-U S Radiator Corp 223 Central Ave

Nat'l-U S Radiator Corp 223 Central Ave Johnstown Pa Queen Stove Works Inc 505 Front St Albert Lea Minn REED UNIT FANS INC 1001 ST CHARLES AVE NEW ORLEANS 8 LA Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio

Robbing & Washing Inc 1345 Lagonda Ave Springfeid Okic RUSSELL (F CC 0 1109 CHESTER AVE CLEVELAND 1 OHIO Schwitzer-Commins Co 1125 Massach Ave In-distribution of the second second second second Signal Electric Dir King-Seeley Corp 1821 Signal Electric Dir King-Seeley Corp 1821 Standard Electric Mfg Co Inc Haddon Ave West Berlin NJ West Belchic Mfg Co 100 Haddon Ave West Berlin NJ Superior Electric Prod Corp 1507-17 Inde-pendenc Cape Girardeau Mo SUTTON (O A) CORP 1812 W SECOND WICHITA KANS THERMADOR ELECTRIC MFG CO 5119 DISTRICT BLVD LOS ANGELES 32 CALLF VIKing Air Frod Div Nat'l-U S Radiator Corp 5601 Walworth Ave Cleveland 2 Ohio WESTAIR FAN & BLOWER DIV WESTERN APPLIANCE CO 5646-50 GRAND RIVER DETRICT 8 MICH Westinghouse Electric Corp Air Conditioning Div Box 510 Staunton Va WESTINGHOUSE ELECTRIC CORP ELEC-TRIC APPLIANCE DIV 26 E FOURTH

Westinghouse Electric Corp Air Conditioning Div Box 510 Staunton Va WESTINGHOUSE ELECTRIC CORP ELEC-TRIC APPLIANCE DIV 246 E FOURTH ST MANSFIELD OHIO WESTINGHOUSE ELECTRIC CORP P O BOX 868 PITTSBURGH 30 PA Westinghouse Electric Corp 653 Page Blvd Springfold 2 Mars

estinghouse Electric Springfield 2 Mass

# FANS, VENTILATING, BARN

Aerovent Fabricators Inc Ash & Benton Sts Piqua Ohio Air Controls Inc 2310 Superior Ave Cleveland

Air Controla Inc 2310 Superior Ave Cleveland 14 Ohio American Caolair Corp 3604 Mayflower St Jacksonville 3 Fla BERNS MFG CO 3959 N ROCKWELL ST CHICAGO 18 1LL C & H Air Conditioning Fan Co 1591-1623 DeKalb Atlanta Ga CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO Champion Blower & Forge Co 1947 Charlotte Lancaster Pa CHELSEA FAN & BLOWER CO INC 639 S AVE PLAINFIELD NJ Clay Equipment Corp 23 Builders St Cedar Falls Iowa Diabl Mfw Co 1185 Finderne Ave Somerville

Clay Equipment Corp 20 Falls Iowa Diehl Mfg Co 1185 Finderne Ave Somerville

EMERSON ELECTRIC MFG CO 8100 FLOR-ISSANT AVE ST LOUIS 21 MO FASCO INDUSTRIES INC 255 N UNION ST

FASCU INDUSTRIES INC 255 N UNION ST ROCHESTER 2 NY Fridig Inc 128-68 32nd St Brooklyn 32 NY Gardner Mfg Co 266 Barstow St Horicon Wig GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL Hudaon (H D) Mfg Co 587-91 E Illinois Chi-cago 11 Ill

HUNTER FAN & VENTILATING CO 400 S FRONT ST MEMPHIS 2 TENN ILG Electric Ventilating Co 2850 N Pulaski Rd Chicago 41 Ill International Engr Inc 1200 Bolander Ave

Dayton 1 Ohio James Mfg Co Ft Atkinson Wis King Co Box 178 Owatonna Minn

LAU BLOWER CO 2001 HOME AVE DAY-TON 7 OHIO Louden Machinery Co 1120 Broadway Fairfield lows

Master Mechanic Mfg Co Route 83 Burlington Wi

Wis Meier Electric & Machine Co Inc 3525 E Wash-ington Indianapolis Ind Murray Co of Texas PO Box 1517 Atlanta Ga Ney Mig Co 948 High Ave SW Canton 4 Ohio Peerless Electric Co 1401 W Market St Warren Obio

Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio Seco-Lite Mfg Co 4916 Easton Ave St Louis

Seco.Life Mfg Co 4916 Easton Ave St Louis Mo Siebring Mfg Co S Main St George Iowa Standard Electric Mfg Co Inc Haddon Ave West Berlin NJ Sharline Inc 300 W Front St Harvard III STEWART (S J) ELECTRIC CO 527.531 ST JOSEPH NEW ORLEANS 12 LA

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WESTAIR FAN & BLOWER DIV WESTERN APPLIANCE CO 5646-50 GRAND RIVER DETROIT 8 MICH WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITSBURGH 30 PA

### FASTENERS, ASBESTOS, CEMENT, SIDING

CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO E G BUILDING FASTENERS CORP 101 PARK AVE NEW YORK 17 NY Elastic Stop Nut Corp of America 2330 Vaux-hall Rd Union NJ Fabricated Prod Co Inc Water St West Newton

Pa HASSAL (JOHN) INC PO BOX 2166 WEST-BURY LI NY Heckmann Bldg Prod Co 4018 W Lake Chicago 24 Ill Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa Precision Devices Inc 147 Cedar St New York

NV

6 NY STAR EXPANSION BOLT CO 142 LIBERTY ST NEW YORK NY Tinnerman Prod Inc Dept 16 PO 6688 Cleve-land 1 Ohio GYPSUM CO 300 W STATES UNITED

ADAMS ST CHICAGO # ILL

# FASTENERS, FIBER, WALLBOARD

Ackerman-Johnson Co 625 W Jackson Chicago

6 III E G BUILDING FASTENERS CORP 101 PARK AVE NEW YORK 17 NY HASSAL (JOHN) INC PO BOX 2166 WEST-BURY LI NY Heekmann Bldg Prod Co 4018 W Lake Chicago 24 III

24 III SULITE DIV MINNESOTA & ONTARIO PAPER CO 500 INVESTORS BLDG MIN-NEAPOLIS 2 MINN amaon & Sessions Co 1971 W 55th St Cleve-

Lamaon & Sessions Co 1971 W 85th St Cleve-land 2 Ohio Sheffield Steel Div Armco Steel Corp Sheffield Sta Kansas City 25 Mo STAR EXPANSION BOLT CO 142 LIBERTY ST NEW YORK NY Tinnerman Prod Inc Dept 16 PO 6688 Cleve-land 1 Ohio

UPSON CO 43 UPSON PT LOCKPORT NY

### FASTENERS, LATH, METAL

Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich BOSTWICK STEEL LATH CO 1999 GRIS-WOLD DR NILES OHIO

CECO STEEL PROD CORP 5601 W 26TH ST CHICAGO 50 ILL Goldsmith Metal Lath Co 4501 Chickering Cin-cinnati Ohio

Heekmann Bldg Prod Co 4018 W Lake Chicago 24 Ill

& Sessions Co 1971 W 85th St Cleve-

Lambon & Sessions Co 1911 W soln St Cleve land 2 Ohio NATIONAL YPSUM CO 325 DELAWARE AVE BUFFALO 2 NY POWDER POWER TOOL CO 7526 SW MAC-DAM PORTLAND I ORE REMINGTON ARMS CO INC 939 BARNUM AVE BRIDGEPORT 2 CONN

### FASTENERS, WOOD JOINT

Acme Steel Co 2840 Archer Ave Chicago 8 Ill HASSAL (JOHN) INC PO BOX 2166 WEST-BURY LI NY Independent Metal Strap Co Inc 230 Third St Brooklyn 15 NY Knape & Vogt Mfg Co 658 Richmond NW Grand Rapids 4 Mich Lamson & Sessions Co 1971 W 85th St Cleve-land 2 Ohio

Larson Co Ave G & C & NW Ry Sterling Ill MAZE (W H) CO CHURCH & RIVER PERU

Packard (E B) Co Inc 139 Cedar New York 6

NY RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS STANLEY WORKS NEW BRITAIN CONN Superior Fastener Corp 2949 Elston Ave Chi-

(MBER ENGR CO 1319 18TH ST NW WASHINGTON 6 DC TIMBER

### FAUCETS, TUB & SHOWER

AMERICAN-STANDARD PLUMBING & HEATING DIV PO BOX 1226 PITTS-BURGH 30 PA Briggs Mfg Co 1623 E 45th St Cleveland Ohio Crane Co 836 S Michigan Chicago 5 Ill Dick Brothers Inc Third & Buttonwood Read-ing Pa ing Pa

GYRO BRASS MFG CORP 51 URBAN AVE WESTBURY LI NY



KOHLER CO 44 HIGH ST KOHLER WIS MILWAUKEE FAUCETS INC 301 E RESER-VOIR MILWAUKEE 12 WIS Price-Pfister Brass Mfg Co 3011 Humboldt St Los Angeles Calif Repeal Brass Mfg Co 2109 E 27th St Los An-geles Calif

- geles Calif nion Mfg & Gauge Co 511 N State St Syra-cuse NY 11

### FELT, ROOFING

Amalgamated Roofing Mills 6600 S Central Chicago 38 III BARRETT DIV ALLIED CHEMICAL & DYE

Chicago 38 III BARRETT DIV ALLIED CHEMICAL & DYE 40 RECTOR ST NEW YORK 4 NY BIRD & SON INC 47 WILSON ST EAST WALPOLE MASS Bonafide Mills Inc 295 Fifth Ave New York

CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 0HIO CELOTEX CORP 120 S LA SALLE ST CHI-CAGO 3 ILL CERTAIN-TEED PROD CORP 120 E LAN-CASTER AVE ARDMORE PA FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Ford Roofing Prod Co 6 N Michigan Ave Chi-cago 2 Ill Cold Seal Asshalt Roofing Co PO Roy 202

cago 2 III Gold Seal Asphalt Roofing Co PO Box 302 Chicago Heights III JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY Koppers Co Inc Koppers Bldg Pittsburgh 19 Pa

Pa Lehon Co Madison at 25th Ave Bellwood Ill Logan-Long Co 6600 S Central Ave Chicago 28 Ill as III National Mfg Corp 2343 Flanagan St Tona-Vanda NY Old American Roofing Mill, Die D

wanda NY Old American Roefing Mills Div Ruberoid Co 500 Fith Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kanasa City Mo Reilly Tar & Chemical Corp 1615 Merchants Bank Bidg Indianapolia 4 Ind BUBEROID CO 500 FIFTH AVE NEW YORK

36 NY affalt Inc 137 Bausman St Pittsburgh 10 Pa NITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

Adams Co PO Box 268 Dubuque Iowa Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich

American Chain Link Fence Co 24 Ship Ave

Medford Mass AMERICAN STEEL & WIRE DIV US STEEL CORP 1420 ROCKEFELLER PLAZA CLEVELAND 13 OHIO Anchor Post Prod Fence Div 6673 Eastern Ave Baltimore 24 Md Arnold Dain Corp Box F Mahopas NY

Arnold Dain Corp Box F Mahopac NY Atlas Fence Co 3654 Richmond St Philadelphia 34 Pa

34 Pa Set Pa Set & Co. Inc 1150 Breadway New York NY Bellkool Co 623 S State Box 581 Appleton Wis Belson Mgc Co. E River Rd North Aurora III Birmingham Ornamental Iron Co PO Box 1911 Birmingham Ala Century Pence Co. Box 466 Waukesha Wis

AMERICAN BUILDER

FENCE & GATES, LAWN,

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G NY 36

UNITED

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Chain-Link Fence Corp 4301 W 69th St Chi-

cago III CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CININATI 6 OHIO Clay Equipment Corp 23 Builder St Cedar Falls

Clay Equipment Corp 23 Builder St Cedar Fails Iowa COFFMAN (R G) CO INC PO BOX 1113 OR-LANDO FLA COLORADO FUEL & IRON CORP CONTI-NENTAL OIL BLOG DENVER 2 COLO COLUMBIA-GENEVA DIV US STEEL 129 MONTGOMERY ST SAN FRANCISCO 6 CALIF

CALIF CALIF Concord Woodworking Co Inc 10 Behariel St W Concard Mass Continental Steel Corp 1109 S Main St Ko-komo Ind Copperweld Steel Co Wire & Cable Div 322 Frick Bidg Glassport Pa Cyclone Fence Dept American Steel & Wire Co Box 260 Waukegan 1 III Davis & Stehl Co Box 78 Sta A Cincinnati 23 Ohio Forbes Steel Corn Box 200 Com

Ohio Forbes Steel Corp Box 329 Cannonsburg Pa Harvard Metal Prod Inc 97-99 Reading St Bos-

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Onio
Steel Corp Box 329 Cannonsburg Pa Harvard Metal Prod Inc 97-99 Reading St Boa-ton Mass
Illinois Wire & Mfg Co PO Box 1396 Joliet Ill KEYSTONE STEEL & WIRE CO 7090 S
ADAMS PEORIA 7 ILL
Logan Co 201 Cabel St Louisville 6 Ky
METAL CRAFTERS E AVE AT 18TH ST CEDAR RAPIDS IOWA
Meyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio
Mid States Steel & Wire Co Crawfordaville Ind
NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO
Nebraska Bridge Supply & Lbr Co 40th & Leavenworth Omaha 5 Neb
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
Northwestern Steel & Wire Co Ave B & Wal-lace St Sterling Ill
Page Steel & Wire Div American Chain & Cable Co First & River Sts Monessen Penn Redwood Garden Materials Co 7130 Romaine St Los Angeles 46 Calif
REFUBLIC STEEL CORP REPUBLIC BLDG CLEVELAND 1 OHIO
Ripolite Plastics Prod Ine 3910 Cohasset St Burbank Calif
Samco (Wm J) Iron Co 917 Military Rd Ken-more 17 NY
Southern Galvanizing Co 1620 Bush St Balti-more 30 Md

More 17 Ni Southern Galvanizing Co 1620 Bush St Balti-more 30 Md Standard Mfg Co 220 E Fourth Cedar Fails

Iowa Stewart Iron Works Inc PO Box 1039 Cincin-

Stewart Iron Works Inc PO Box 1039 Cincin-nati 1 Ohio TENNESSEE COAL IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA TENNESSEE FABRICATING CO 1499 GRIMES ST MEMPHIS TENN Valley Metal Prod 222 Young St Marseilles III Wheeler-Arnold Co Wittenberg Wis WICKWIRE SPENCER STEEL DIV 575 MADISON AVE NEW YORK 19 NY Wiemann (Ernest) Iron Wks 2035 E 11th Tulsa 4 Okla

#### FENCE, RUSTIC

Anchor Post Prod Fence Div 6673 Eastern Ave Baltimore 24 Md Arnold Dain Corp Box F Mohopac NY Atlas Fence Co 3654 Richmond St Philadelphia 34 Pa Concord Woodworking Co Inc 10 Behariel St West Concord Mass Davis & Siehl Co Box 78 Sta A Cincinnati 23 Obic

Ohio

Ohio Duncan Wood Gutter Co 818 Securities Bldg Seattle 1 Wash Elhide Co 130 Sixth St Cambridge 42 Mass Illinois Wire & Mfg Co PO Box 1396 Joliet III Lincraft Inc Burlington NJ MacGillis & Gibbs Co 1615 E Royall Pl Mil-wankee ff Wis

waukee Wis CORP 111 W WASHINGTON CHICAGO 2 ILL Nebraska Bridge Supply & Lumber Co 40th & Leavenworth Omaha 5 Neb Redwood Garden Materials Co 7130 Romaine St Los Angeles 46 Calif Whiting Fence Co 130 Sixth St Cambridge 42 Maas Wood Prod Co 421 Phillips Ave Toledo 12 Ohio

#### FILERS, SAW, BAND, CIRCULAR, ETC.

BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO Chattanooga Saw Wks 1512 Williams St Chat-tanooga Tenn Corley Mfg Co Clifton Hills Chattanooga 1

Tenn

Tenn Henry Disston Div H K Porter Co Inc Unruh & Milnor Sta Philadelphia 35 Pa FOLEY MFG CO 2339 NE FIFTH ST MIN-NEAPOLIS IN MINN Hanchett Mfg Co 906 N State St Big Rapids Mich

Hoe (R) & Co Inc 910 E 138th St New York

54 NY Huther Brothers Saw Mfg Co Inc 1290 Univer-sity Rochester 7 NY Nicholson File Co 65 Acorn St Providence RI Shopmaster Inc 1214 Third St S Minneapolis

Minn Minn Wheland Co Signal Mountain Rd Chattanooga 5 Tenn

#### FILLERS, CRACK & JOINT

Acme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich Alabastine Paint Prod 2629 Grand Ave Chicago

12 III American Varnish Co 1140 N Branch St Chi-cago 22 III ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Blue Ridge Talc Co Inc Henry Va Boyer Chemical Co 2232 S Wabash Ave Chi-

orago Ill yyle-Midway Inc 22 E 40th St New York 16 Be

CABOT (SAMUEL) INC 141 MILK ST BOS-

CABOT (SAMUEL) INC 141 MILK ST BOS-TON 9 MASS Camp Co Inc 6968 S State Chicago 21 III CAREY (PHILIP) MFG CO 320 S WAYNE CINCINATI 15 OHIO CERTAIN-TEED PROD CORP 120 E LAN-CASTER AVE ARDMORE PA Chicago Bronze & Color Wks 2673 W Grand Ave Chicago 12 III Chicago Paints Inc 4500 W 14th Chicago 23 III Consumers Glue Co 1315 Hadley St Louis 6 Mo Jouglas & Sturges 475 Bryant St San Fran-cisco Calif Esso Standard Oil Co 15 W 51st St New York 19 NY Felton Sibley & Co Inc 136 N Fourth St Phila-

Felte

19 NY dton Sibley & Co Inc 136 N Fourth St Phila-delphia 6 Pa ny Paint Co Inc 1776 Mentor Ave Cincinnati Foy

12 Ohio GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY Johnšton (R F) Paint Co 3925 Huston Ave Cincinnati 12 Ohio Lasting Prod Co Franklintown Rd Baltimore 23 Md

23 Md Liebich (G J) Co 931 N Ogden Ave Chicago 22

LOWE BROS 436 E THIRD ST DAYTON 2

OHIO Lux Co Inc 315 W Franklin St Elkhart 2 Ind MEADOWS (W R) INC 2 KIMBALL ELGIN

ILL Monroe Co Inc 10703 Quebec Ave Cleveland 6 Obio

Moore (Benjamin) & Co 511 Canal St New York 13 NY NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY NEWTON MFG CO PO BOX 386 NASHUA

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Patterson-Sargent Co 1325 E 38th St Cleveland

NH Patterson-Saggent Co 1325 E 38th St Cleveland 14 Ohio Pecora Paint Co Inc 4th St & Rdg RR Phila-delphia 40 Pa Perkins Glue Co 652 Cannon Ave Lansdale Pa PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Pressitie Engr Co 3900 Chouteau Ave St Louis 10 Mo Reardon Co 7501 Page Ave St Louis 14 Mo Reardon Co 7501 Page Ave St Louis 14 Mo Reardon Co 7501 Page Ave St Louis 14 Mo Reardon Co 7501 Page Ave St Louis 14 Mo Reardon Co 7501 Page Ave St Louis 14 Mo Reardon Co 7501 Page Ave St Louis 14 Mo Reardon Co 7501 Page Ave St Louis 14 Mo Reardon Co 7501 Page Ave St Louis 14 Mo Reardon Co 7501 Page Ave St Louis 14 Mo Reardon Co 7501 Page Ave St Louis 14 Mo Reardon Co 7501 Page Ave St Louis 14 Mo Shavgran Co 25 Huntington Ave Boston 16 Mass Schalk Chemical Corp 6051 W 65th St Chicago 38 Ill Sheffield Bronze Paint Corp 17814 Waterloo Cleveland 19 Ohio Smooth-On Mfg Co 3418 Gratiot St St Louis 3 Mo Mo

Steen Mo

Stonhard Co 1306 Spring Garden Philadelphia 23 Pa

23 Pa Tamms Industries Inc 228 N LaSalle St Chi-cago 1 Ill Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa United Gilsonite Lab 1396 Jefferson Ave Scran-

United Gilsonite Lab 1396 Jefferson Ave Scran-ton 1 Pa UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL Webb Prod Co 216 S "G" St San Bernardino Calif

Wes

Calif esco Waterpaint Div National Gypsum Co 742 Grayson St Berkeley 10 Calif Pando Corp 43-15 36th St Long Island City 1 NY X-F

#### FILLERS, JOINT, SEWER PIPE

CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO Division Lead Co 7742 W 61st Pl Summit Ill

JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY Kaul Clay Mfg Co Spring St Box 128 Toronto

Kaul Clay mig to open Co Ohio Keystone Asphalt Prod Co 101 E Ontario St Chicago III

Chicago III MEADOWS (W R) INC 2 KIMBALL ELGIN

ILL NATIONAL CLAY PIPE MFRS INC 1820 N ST NW WASHINGTON 6 DC Pressitie Engr Co 3900 Chouteau Ave St Louis 10 Mo

Serui ised Prod Corp 6051 W 65th St Chicago 90 TH

Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa

#### FILTERS, AIR

Air Devices Inc 185 Madison Ave New York 16

OVENS-CORNING FIBERGLAS CORP NAT'L BANK BLDG TOLEDO 1 OHIO Phileo Corp Tioga & C Sts Philadelphia 34 Pa PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Rosearch Prod Corp 1015 E Washington Madi-Standard Astronomics

son 10 Wis Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill Stanley (William W) Co Ine 401 Broadway New York 13 NY Trion Ine 1000 Island Ave McKees Rock Pa

#### FINANCING SERVICES

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Allied Building Credits Inc Box 3426 Terminal Annex Los Angeles Calif Commercial Credit Corp First Nat'l Bank Bldg Baltimore Md CRAWFORD CORP 2019 N THIRD BOX 989 BATON ROUGE LA Douglas-Guardian Warehouse Corp 118 N Front St New Orleans La Investors Diversified Services Eighth & Mar-quette Minneapolis Minn Lawrence Warehouse Co 37 Drumm St San Francisco 11 Calif National Life Insurance Co Montpelier Vt St Louis Terminal Field Whse Co Box 242 St Louis Mo

Louis Terminal Field Whise Co Box 242 St Louis Mo S Savings & Loan League 221 N LaSalle St Chicago Ill

FINISHER, CONCRETE FLOOR

Camp Co Inc 6958 % State Chicago 21 Ill MULLER MACHINERY CO INC PO BOX 248 METUCHEN 4 NJ WHITE MFG CO 1227 W BEARDSLEY ELK-HART 4 IND Whiteman Mfg Co 13020 Pierce Ave (Pacoima) Los Angeles Calif

FINISHERS, WALLBOARD JOINT

Advance Equipment Mfg Co 4617 W Chicago Ave Chicago Ill CELOTEX CORP 120 S LASALLE ST CHI-CAGO S ILL MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO Merit Prods Inc 4023 Irving Place Culver City

Calif NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Protective Coating Inc Box 3985 Detroit 27 Mich Reputer Co

Mich Reardon Co 7501 Page Ave St Louis 14 Mo Schalk Chemical Co 351 E Second St Los An-geles 12 Calif UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL UPSON CO 43 UPSON PT LOCKPORT NY Wesco Waterpaints Inc Maple St Matteson Ill

American Aabestos Prod Co 8000 Franklin Bivd Cleveland Ohio Camp Co Inc 6958 S State Chicago 21 III Dad & Lad Co PO Box 285 New Lenox III Dewatex Mfg Corp 424 W 42nd St New York 26 NY Flownoic Co 36th & Filhert Ste Dhiladelubia

Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa

4 Pa Harrison Paint & Varnish Co 1329 Harrison S W Canton 1 Ohio Hart & Burns Riverside Calif JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY Martin-Senour Co 2520 S Quarry St Chicago 8

Monroe Co Inc 10703 Quebec Cleveland Obio National Mfg Corp 3343 Flanagan St Tona-wanda NY Sonneborn & Sons Bldg Prod Div 404 Fourth Ave New York 16 NY

G63

FINISHES, WATERPROOF,

ASPHALT

Surface Protection Co 16799 Euclid Ave Cleveland 12 Ohio Tuferete Co Ins 552 Teachout Bldg Des Moines 9 Lowa

#### FINISHES & SEALER, FLOOR

Alabastine Paint Prods 2629 Grand Ave Chi-12 III

Alabastine Prode 2529 Grand Ave Chi-cago 12 Jill AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO American Fluresit Co 4011 Red Bank Rd Cin-cinnati 27 Ohio American Marietta Co Valudra Div 101 E On-tario St Chicago 11 Ill American Varnish Co 1140 N Branch St Chi-cago 22 Ill Berry Brothers Inc 211 Leib St Detroit 7 Mich BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS 1 TENN Camp. Co. Inc. 6058 & State Chicago 21 Ill

MEMPHIS 1 TENN Camp Co Inc 6958 S State Chicago 21 Ill Camp Chemical Co Inc 170 Second Ave Brook-

amp Chemical Co Inc 170 Second Ave Brook-lyn 15 NY sresit Waterproofing Corp 3227 S Shields Ave Ceres

Chicago 16 Ill King Chemical Co 2342 S Lauderdale Memphis

King Chemical Co 2342 & Lauderdale Memphis Tenn Chicago Bronze Color Wks 2673 W Grand Ave Chicago 12 Ill Chi-Namel Paint & Varnish Co 1101 Third St Minneapolis Minn Clarke Sanding Machine Co 30 E Clay Ave Muakegon Mich Cont Aabestos & Refining Corp 1 Madison Ave New York 10 NY

New York 10 NY Cromar Co Susquehanna St Williamsport Pa Devoe & Raynolds Co Inc 401 W Main St Louisville 2 Ky Douglas & Sturgess 475 Bryant St San Fran-cisco Calif DuPont De Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del Elliott Paint & Varnish Co 4523 Fifth Ave Chicago E4 III Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa

PERIODE CO 3011 & FIDERT SIX PRIMACEDENA PE FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Forman-Ford & Co 111 E Second St Minne-apolis Minn Franklin Research Co 5134 Lancaster Ave Philadelphia 31 Pa

Philadelphia 31 Pa GLIDDEN CO MEREA RD & MADISON CLEVELAND 2 OHIO Globe Paint Works Inc PO Box 36 Williams-port 5 Pa Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY Howe & French Inc 798 Washington St Wey-mouth 88 Masa International Chemical Co Inc 3140 S Canal St Chicago 16 111 Johnson (S C) & Co Inc 1525 Howe St Racine Wis

Wis

Kedmont Waterproofing Co 330 S Dearborn

Kedmont Waterproofing Co 530 S Learonn Chicago 4 Ill Kyanize Paints Inc Second & Boston Sts Ev-erett 49 Massa Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa

LOWE BROS 436 E THIRD ST DAYTON 2

OHIO Martin-Senour Co 2520 S Quarry St Chicago 8 Ill

III Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn Minnesota Platon Corp Platon Bldg Pipestone

onroe Co Ine 10703 Quebec Ave Cleveland 6 Ohio M

Monsanto Chemical Co 1700 S Second St St Louis 4 Mo

Moore (Benjamin) & Co 511 Canal St New York 13 NY National Mfg Corp 3343 Flanagan St Tona-wanda NY

Nu Surfas Corp 7312 Bennett Ave Chicago 49

O'Bi 21 ind Corp 101 N Johnson St South Bend

Patterson-Sargent Co 1325 E 38th St Cleveland 14 Ohio Penetone Co 74 Hudson Ave Tenafly NJ Pierce & Stevens Inc 710 Ohio St Buffalo 3 NY

PITTSBURGH PLATE GLASS CO 632 FORT

DUQUESNE BLVD PITTSBURGH 22 PA Plasti-Kote Co 425 Lakeside Ave Cleveland 13 Ohio

Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY

Puritan Chemical Co 916 Ashby St N W Atlanta Ga Rockford Paint Mfg Co 200 Sayre St Rockford

III Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo Sonneborn & Sons Bidg Prod Div 404 Fourth Ave New York 15 NY Standard Floor Co Guif Bidg Pittsurgh Pa Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo

Mo Stonhard Co 1306 Spring Garden Philadelphia

23 Pa Tamms Industries Inc 228 N LaSalle St Chicago 1 Ill



Thornton (L M) Mfg Co 2821 E 18th St Kan-sas City Mo Tremco Mfg Co 8701 Kineman Rd Cleveland

Ohio Tuferete Co Inc 552 Teachout Bldg Des Moines

9 Iows

9 Jowa Twentieth Century Paint & Varnish Co 456 Driggs Ave Brooklyn 11 NY Twin City Hardwood Lbr Co 509 N Cleveland Are St Paul 14 Minn UNITED STATES PLYWOOD CORP 55 W 4TH ST NEW YORK 36 NY Vita-Var Corp 10 Commerce Ct Newark NJ Waterlox Div Empire Varnish Co 2636 E 76th

St Cleveland 4 Ohio

St Cleveland 4 Ohio Wesso Waterpaints Inc Maple St Matteson III Wethrill (George D) & Co Inc 113 Arch St Philadelphia 6 Pa Wilson-Imperial Co 115 Chestnut St Newark 5 NJ

X-Pando Corp 43-15 36th St Long Island City S BIN

#### FIRE ALARM SYSTEMS

Auth Electric Co Inc 34-20 45th St Long Island

Auth Electric Co Inc 34-20 45th St Long Island City 1 NY Couch (S H) Co Inc 3 Arlington St North Quincy 71 Mass EDWARDS CO INC POST HILL RD NOR-WALK CONN Electro Alarms Co 24 S Washington Tiffin

HOME

ONIO OME MUSIC SYSTEMS INC 644 MADISON ST MEMPHIS TENN Int ternational Business Ave New York 22 NY Machines 590 Madison

#### FIREPLACE, OUTDOOR & EQUIPMENT

Abilene Brick Co Box 1017 Abilene Tex Adams Co PO Box 268 Dubuque Iowa Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich Allen

Hazel Park Mich Anchor Div Stratton & Terstegge Co 300 Cul-bertson Ave New Albany Ind Bennett-Ireland Inc 23 State St Norwich NY Dietrich Bros Inc 2700 Loch Raven Rd Balti-

Dietrich Bros Inc 2700 Loch Raven Rd Datte-more 18 Md DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Fox Valley Forge 119 N State St Elgin Ill GRILLCRAFT CO 477 E SEVENTH ST ST PAUL 1 MINN Hancock Iron Wks PO Box 13 Pontiae Mich Industrial Iron Works PO Box 4625 Portland 9. Ore

2 Ore

2 Ore Logan Co 201 Cabel St Louisville 6 Ky MAJESTIC CO INC HALL ST HUNTINGTON IND

Mexico Refractories Co Love & Cole Sta Mexico M

Moo Addition to Control a Control a Control of San Additional Outdoor Oven Fireplace & Co 859 Windsor St Hartford 1 Conn PRICE FIREPLACE HEATER & TANK CORP 195 W AUSTIN ST BUFFALO 7 NY Silent Glow Oil Burner Co 850 Windsor St Hartford Conn Vestal Mfg Co PO Box 152 Sweetwater Tenn Western Foundry Co 2400 S W Water Ave Portland 1 Ore Wiemann (Ernest) Iron Wks 2035 E 11th Tulsa 4 Okla

#### FIREPLACES, PREFABRICATED

ACORN DESIGNS INC PO BOX 86 CON-CORD MASS Condon-King Co 1247 Rainier Ave Seattle 44

Wooh

Wash DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OH10 Hancock Iron Wks PO Box 13 Pontiac Mich Hearthaire Conditioning Co 3126 Scarborough

Mentraare Conditioning Co 3126 Scarborougn Cleveland Ohio Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn Peirce-Phelps 59th & Upland Way Philadelphia

23 Pa 23 Pa PRICE FIREPLACE HEATER & TANK CORP 195 W AUSTIN ST BUFFALO 7 NY READYBUILT PRODS CO 1707 MCHENRY ST BALTIMORE 23 MD UNI-BILT DIV VEGA INDUSTRIES SYRA-CUSE 5 NY

VEGA INDUSTRIES INC 1208 E BRIGHTON SYRACUSE 5 NY

#### FIREPLACES, UNITS, METAL

Abilene Brick Co Box 1017 Abilene Texas Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich Bennett-Ireland Inc 23 State St Norwich NY Builders Fireplace & Supply Co 2604 Link Road Houston Texas Carey Industries 191 Manor Drive Syracuss 3 Condos Visco Co 1247 Paring Are South 44

ondon-King Co 1247 Rainier Ave Seattle 44 Wash Co

Dietrich Bros Inc 2700 Loch Raven Rd Balti-

Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO GENERAL PROD CO BOX 661 FREDERICKS-BURG VA GRILLCRAFT CO 477 E SEVENTH ST ST

PAUL 1 MINN Hancock Iron Wks PO Box 13 Pontiac Mich Hearthaire Conditioning Co 3126 Scarborough Cleveland

HEATILATOR INC 1008 E BRIGHTON AVE

HEATILATOR INC 1008 E BRIGHTON AVE SYRACUSE 5 NY LaSalle Prod Inc 198 N Elkhart Elkhart Ind Lovell Clay Prod Co Lovell Wyo MAJESTIC CO INC HALL ST HUNTINGTON IND

IND PRICE FIREPLACE HEATER & TANK CORP 195 W AUSTIN ST BUFFALO 7 NY SUPERIOR FIREPLACE CO 1708 E 15TH ST LOS ANGELES 21 CALIF UNI-BILT DIV VEGA INDUSTRIES SYRA-CUSE 5 NY

32 Ill

Detroit 17 Mich

HEATING

CHASE

NY

NY

Johnstown Pa

wich RI

Es

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#### FIREPROOFING COMPOUNDS, WOOD

American Lumber & Treating Co 332 S Michi-gan Ave Chicago 4 III Camp Co Inc 6958 S State Chicago 21 III Camp Chemical Co Inc 170 Second Ave Brook-Jun 15 NY

Columbia Acoustics & Fireproofing Co Stan-hope NJ Nopers Co Inc Koppers Bldg Pittsburgh 19 Pa McKeown Bros Co 5303 S Keeler Ave Chicago Price Fire & Water Proofing Co Poughkeepsie

NY Protexol Corp 162 Market St Kenilworth NJ Sullivan Co 212 E Trigg Memphis 2 Tenn Vermiculite Inc 333 W First S Salt Lake City

Vermiculite Inc 333 W First S Sait Lake City Utah Wayne Chemical Prod Co Copeland & MC RR

American Foundry & Mfg Co 1015 Herbert St St Louis 7 Mo AMERICAN STANDARD PLUMBING & HEATING DIV FO BOX 1226 PITTS-BURGH 30 PA American Sanitar Mca Co DO Box 111 Abian BURGH 30 PA American Sanitary Mfg Co PO Box 111 Abing-don Ill

don III BELL & GOSSETT CO 8200 AUSTIN MOR-TON GROVE ILL BRIGGS MFG CO 300 BUHL BLDG DETROIT

TON GROVE ILL BRIGGS MFG CO 300 BUHL BLDG DETROIT 28 MICH CASE (W A) & SON MFG CO 33 MAIN ST BUFFALO 3 NY

Central Brass Mfg Co 2950 E 55th St Cleve-land 27 Ohio

GRAND ST WATERBURY 20 CONN Chicago Faucet Co 2700 22 N Pulaski Chicago 39 Ill

Crane Co 836 S Michigan Chicago 5 Ill Dart Union Co 134 Thurbers Ave Providence

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ing Pa Division Lead Co 7742 W 61st Pl Summit Ill Durst Mfg Co 409 Lafayette New York 3 NY

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General Fittings Co PO Box 151 East Green-

Grabler Mfg Co 6565 Broadway Cleveland 5 Grabler Mfg Co 0000 Broading Ohio Grand Rapids Brass Co 99 Front St Grand Rapids Mich Harvey Machine Co Inc 19200 S Western Tor-rance Calif Mfg Co 1200 W Harrison Chi-

Imperial Brass Mfg Co 1200 W Harrison Chi-cago 7 Ill

cago 7 Ill James Mfg Co Ft Atkinson Wis Keystone Brass & Rubber Co Inc 2705 N Broad St Philadelphia 32 Pa McDonnell & Miller Inc 3500 N Spaulding Chi-cago 18 Ill

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PORT HURON MICH National Lead Co 111 Broadway New York 6

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PENBERTHY INJECTOR CO 1242 HOLDEN AVE DETROIT 2 MICH Powell (William) Co 2525 Spring Grove Cin-cinnati 22 Ohio Price-Priater Brass Mfg Co 3011 Humboldt St Los Angeles 31 Calif Pyle-National Co 1334 N Kostner Chicago 51 Ill PENBERTHY INJECTOR CO 1242 HOLDEN

AMERICAN BUILDER

er Mfg Co Brookside Park Cleveland 9

INC 236

BRASS & COPPER CO

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Moen Valve Div Ravenna Metal Prod 6518 Ravenna Ave Seattle 15 Wash Schaftle Co 5801 Marimont Ave Cincinnati 4

Ohlo Scovill Mfg Co 1655 Thomaston Ave Waterville

Soviil Mfg Co 1655 Thomaston Ave Waterville 14 Conn Sentry Sanitary Corp Mannington W Va Sherman (H B) Mfg Co 22 Barney St Battle Creek Mich Sloan Valve Co 4300 W Lake St Chicago 24 Ill Sterling Faucet Co Morgantown W Va SwETT (A L) IRON WKS 151 GLENWOOD AVE MEDINA NY THRUSH (H A) & CO PERU IND Trane Co Third & Cameron La Crosse Wis Trenton NJ Trenton NJ E CoOPERV BOY See NEW

Trenton NJ UNIVERSAL-RUNDLE CORP BOX 960 NEW CASTLE PA

CASTLE PA Walworth Co 60 E 42nd St New York 17 NY Western Foundry Co 2400 S W Water Ave Portland 1 Ore Wilmington Casting Co 258 Charles St Wil-

Wilmington Casting Co 258 Charles St Wil-mington Ohio Wolff Mfg Co 2000 W Fulton Chicago Ill Zurn (J A) Mfg Co 1881 Pittsburgh Ave Erie

#### FIXTURES, BLACKBOARD

Austral Sales Corp 101 Park Ave New York Austral Sales Corp 101 Park Ave New York 17 NY Day-Brite Lighting Inc 16 N Ninth St St Louis 1 Mo Kirlin Co 3435 E Jeffreson Detroit 7 Mich Malleable Iron Fittings Co 21 Thatcher St Bradford Conn

Bradford Conn Metallic Arts of New England Inc 150 Broad-way Cambridge 42 Mass NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO

#### **FIXTURES, ELECTRIC**

Alkeo Mfg Co 4242 N Lincoln Chicago 18 Ill Appleton Electric Co 1701-59 Wellington Chi-cago 13 Ill ATLAS ELECTRIC PRODS CO 319 TEN EYCK ST BROOKLYN 6 NY Benjamin Electric Co Des Plaines Ill Curtis Lighting Inc 6135 W 65th St Chicago

m

Day-Brite Lighting Inc 16 N Ninth St St Louis

Day-Brite Lighting inc to A Annual 2014 1 Mo Eagle Electric Mfg Co 23-10 Bridge Plaza Long Island City 1 NY Frink Corp 27-01 Bridge Plaza Long Island City 1 NY Garden City Plating & Mfg Co 1750 N Ash-land Ave Chicago 22 III Glasolier Co 307 Sixth St Braddock Pa Glasolier Co 307 Sixth St Braddock Pa

Glassifer Co 307 Sixth St Braddock Pa GLOBE LIGHTING PROD INC 1710 FLUSH-ING AVE BROOKLYN 37 NY Guth (Edwin F) Co 2615 Washington St Louis 3 Mo

Holophane Co Inc 342 Madison Ave New York NV

17 NY International Lighting Co 6511 Easton Ave St Louis 14 Mo Kirlin Co 3435 E Jefferson Detroit 7 Mich Kraus (Walter S) Co 48-02 43rd St Woodside 77 NJ

77 NJ LIGHTOLIER CO 346 CLAREMONT AVE JERSEY CITY NJ Luminous Cellings Inc 2500 W North Ave Chicago 47 Ill

Chicago 47 III MARKEL ELECTRIC PROD INC 129-149 SENECA ST BUFFALO 3 NY Marvin Mfg Co 3171 E 12th St Los Angeles 23 Calif Metallic Arts of New England Inc 150 Broad-way Cambridge 42 Mass Miller Co 99 Center St Meriden Cons MOE LIGHT FT ATKINSON WIS Neo-Ray Prod Inc 318-23 E 22nd St New York 10 NY PASS & SEYMOUR INC ST STORE

10 NY PASS & SEYMOUR INC 50 BOYD AVE SP-RACUSE 9 NY PROGRESS MFG CO INC CASTOR & TULIP AVE PHILADELPHIA 34 PA PRYNE & CO INC 140 N TOWNE POMONA CALIF

Pyle-National Co 1334 N Kostner Chicago 51

Silvray Lighting Inc 100 W Main St Bound Brook NJ Smoot-Holman Co 321 N Eucalyptus Inglewood Calif

Steber Mfg Co 2700 Roosevelt Rd Broadview

Swain & Bridge 172 Stanley Ave New Britain Conn

Conn Swivelier Co Inc 43 34th St Brooklyn 32 NY VIRDEN (JOHN C) CO 6009-6103 LONGFEL-LOW CLEVELAND OHIO WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA Wheeler Reflector Co 275 Congress St Boston Maxe

Mass

#### **FIXTURES, FLUORESCENT**

Alkeo Mfg Co 4242 N Lincoln Chicago 18 Ill ATLAS ELECTRIC PROD CO 319 TEN EYCK ST BROOKLYN 6 NY

Benjamin Electric Co Des Plaines III Celine Inc Ni Island Ave Batavia III Curtia Lighting Inc 6135 W 65th St Chicago

111 Day-Brite Lighting Inc 16 N Ninth St St Louis

1 Mo Eagle Electric Mfg Co 23-10 Bridge Plaza Long

Engle Electric Mfg Co 23-10 Bridge Plaza Long Island City NY
Fluorescent Fabricators Div 1825 Chouteau Ave St Louis Mo
Fluorescent Lighting Co Monticello NY
Frink Corp 27-01 Bridge Plaza Long Island City 1 NY
Garden City Plating & Mfg Co 1750 N Ash-land Ave Chicago 22 Ill
GLOBE LIGHTING PROD INC 1716 FLUSH-ING AVE BROOKLYN 37 NY
Great Northern Mfg Corp 1056 N Wood St Chicago 22 Ill
Guth (Edwin F) Co 2615 Washington St. Louis 3 Mo 3 M.

3 Mo Holophane Co Inc 342 Madison Ave New York 17 NY

Holophane Co Ine 342 Madison Ave New York 17 NY
International Lighting Co 6511 Easton Ave St Louis 14 Mo
Kirlin Co 3435 E Jefferson Detroit 7 Mich Lightmore Appliance Corp 59 Throop Ave Brooklyn 6 NY
LIGHTOLIER CO 346 CLAREMONT AVE JERSEY CITY NJ
Long (W H) Co 114 W Illinois Chicago III
Luminous Ceilings Inc 2500 W North Ave Chicago 47 III
Metallic Arts of New England Inc 150 Broadway Cambridge 42 Mass
MIAMI CABINET DIV CAREY (PHILIP)
MFG CO 1950 GRAND AVE MIDDLETOWN OHIO

OHIO

OHIO Miller Co 99 Center St Meriden Conn Mitchell Mfg Co 2525 N Clybourn Ave Chicago

14 Ill Modern Light & Equipment Co 3812 S Wabash

Chicago III MOE LIGHT FT ATKINSON WIS Neo-Ray Prod Inc 313-23 E 22nd St New York 10 NY

<sup>10</sup> NY PROGRESS MFG CO INC CASTOR & TULIP AVE PHILADELPHIA 34 PA Silvray Lighting Inc 100 W Main St Bound Brook NJ

Brook NJ Smitheraft Lighting Div Chelsea 50 Mass Smoot-Holman Co 321 N Eucalyptus Inglewood Calif Swivelier Co Ine 43 34th St Brooklyn 32 NY Sylvania Electric Prod Ine 1740 Broadway New

Sylvania Electric Prod Inc 1740 Broadway New York 19 NY VIRDEN (JOHN C) CO 6009-6103 LONGFEL-LOW CLEVELAND OHIO WESTINGHOUSE FLECTRIC CORP PO BOX 868 PITTSBURGH 30 PA Wheeler Reflector Co 275 Congress St Boston

Mass 'iley (R & W) Inc 119 Dearborn St Buffalo Wiley

WIREMOLD CO HARTFORD 10 CONN

#### **FIXTURES, PLUMBING**

Abingdon Potteries Inc 801 N Main St Abing-NCEWARE INC BOX 809 ALLIANCE ALI

OHIO an Brass Mfg Co 1525 E 49th St Cleve-Ame

American Brass Mfg Co 1525 E 49th St Cleve-land Ohio AMERICAN-STANDARD PLUMBING & HEATING DIV PO BOX 1226 PITTS-BURGH 30 PA Berger (Thomas W) Inc 6 E Fourth St Cin-cinnati Ohio

BRIGGS MFG CO 300 BUHL BLDG DETROIT

26 MICH CASE (W 26 MICH ASE (W A) & SON MFG CO 33 MAIN ST BUFFALO 3 NY

Chicago Pottery Co 1920 N Clybourn Chicago 4 III

4 III Crane Co 836 S Michigan Chicago 5 III David-Maydole Tool Corp Hurlburt & Forsythe Norwich NY Douglas (John) Co 71st & B & O RR Cincin-

nati Ohio

nati Ohio ELJER CO 3 GATEWAY CENTER PITTS-BURGH 22 PA GERBER PLUMBING FIXTURES 232 N CLARK ST CHICAGO 1 ILL GYRO BRASS MFG CORP 51 URBAN AVE WESTBURY LI NY Hajoca Corp Walnut St at 31st Philadelphia Pa

joca Pa

Fa Harvey Machine Co Inc 19200 S Western Tor-rance Calif Home Essentials Corp 79 Cliff New York NY

HUMPHREYS MFG CO 201 E FIFTH ST MANSFIELD OHIO

INGERSOLL PROD DIV BORG-WARNER CORP 1000 W 120TH ST CHICAGO ILL KOHLER CO 44 HIGH ST KOHLER WIS Pottery Perrysville Sanitary Inc

Mansheld Sanitary Fottery inc Perrysville Obio McPherson Inc 4603 W Osborne Ave Tampa 3

MILWAUKEE FAUCETS INC 301 E RESER-VOIR MILWAUKEE 12 WIS

MULLINS MFG CORP UNIVERSITY ST WARREN OHIO

National Plumbing Fixture Corp S Second Elwood City Pa

Moen Valve Co Div Ravenna Metal Prod Co 6518 Ravenna Ave Seattle 16 Wash Repeal Brass Mfg Co 2109 E 27th St Los An-geles Calif Briggs Mfg Co 1623 E 45th St Cleveland Obio RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ Robinson Clay Prod Co 65 W State St Akron

9 Ohio Schaible Co 5801 Marimont Ave Cincinnati 4

Schaible Co 5801 Marimont Ave Cincinnati 4 Ohio Sentry Safety Control Corp 1917 W Oxford St Philadelphia 21 Pa Sentry Sanitary Corp Mannington W Va Sherman (H B) Mfg Co 22 Barney St Battle Creek Mich Shobe & Co Inc Box 179 Mandan ND Smoot-Holman Co 321 N Eucalyptus Ingle-wood Calif Speakman Co 30th & Spruce Sts Wilmington 99 Del 99 Del

99 Del Sterling Faucet Co Morgantown W Va Strand (Carl A) Co 3341 N Adams Birming-ham Mich Streammaster Shower Corp 51 E 42nd St New York NY Streammaster Shower Corp 51 E 42nd St New York NY THERMADOR ELECTRIC MFG CO 5119 DIS-TRICT BLVD LOG ANGELES 22 CALIF Trenton Potteries Co 309 N Clinton Ave Tren-ton 1 NJ U S Porcelain Enamel Co 4635 E 52nd Dr Los Angeles 22 Calif UNIVERSAL-RUNDLE CORP BOX 960 NEW CASTLE PA

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land 27 Ohio Day-Brite Lighting Inc 16 N Ninth St St Louis 1 Mo FIAT METAL MFG CO 9301 W BELMONT AVE FRANKLIN PARK ILL GYRO BRASS MFG CORP 51 URBAN AVE WESTBURY LI NY KOHLER CO 44 HIGH ST KOHLER WIS MILWAUKEE FAUCETS INC 301 E RESER-VOIR MILWAUKEE 12 WIS Moen Valve Div Ravenna Metal Prod Co 6518 Ravenna Ave Seattle 15 Wash Reliable Metal Novelty 60 Inc 25 Elm Ave Mount Vernon NY Repcal Brass Mfg Co 2109 E 27th St Los An-geles Calif Sanitary-Dash Co 11th St & 44th Rd Long Island City 1 NY Sloan Valve Co 4300 W Lake St Chicago 24 III Speakman Co 30th & Spruce Sts Wilmington 99 Del

Sterling Faucet Co Morgantown W Va Streamaster Shower Corp 51 E 42nd St New York NY

Alkco Mfg Co 4242 N Lincoln Chicago 18 Ill Benjamin Electric Co Des Plaines Ill Curtis Lighting Inc 6135 W 65th St Chicago

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**FIXTURES, STORE LIGHTING** 

FIXTURES, SHOWER

Day-Brite Lighting Inc 16 N Ninth St St Louis 1 Mo Fluorescent Fabricators Div 1825 Chouteau

Ave St Louis Mo Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 III GLOBE LIGHTING PRODS INC 1719 FLUSH-ING AVE BROOKLYN 37 NY Great Northern Mfg Corp 1056 N Wood St Chicago 22 III Field Co 2435 E Lafforson Datroit 7 Mich

Chicago 22 III Kirlin Co 3435 E Jefferson Detroit 7 Mich LIGHTOLLER CO 346 CLAREMONT AVE JERSEY CITY NJ Luminous Ceilings Inc 2500 W North Ave Chicago 47 III Metallic Arts of New England Inc 150 Broad-way Churbridge 42 Mass Mitchell Mfg Co 2525 N Clybourn Ave Chicago 14 III

14 III MOE LIGHT FT ATKINSON WIS Silvray Lighting Inc 100 W Main St Bound Brook NJ Swivelier Co Inc 43 34th St Brooklyn 32 NY Sylvania Electric Prods Inc 1740 Broadway New York 19 NY Wheeler Reflector Co 275 Congress St Boston Mase

Wiley (R & W) Inc 119 Dearborn St Buffalo 7 NY

#### **FIXTURES & MATERIALS, STORE** DISPLAY

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Alden Mfg Co 201 w Wanne St Fameran Ohio Allied Display Materials Inc 65 Madison Ave New York 16 NY ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 9 CALIF American Fixture & Mfg Co 2300 Locust Blvd St Louis Mo

St Louis Mo Brainard Industries Inc 152 S 15th St Linden-hurst LI NY Butler (B B) Mfg Co Inc 3150 Randolph Bell-wood III Chicago Card Holder Co 844 Ridge Rd High-land Park III Columbus Show Case Co 850 W Fifth Colum-hum Obles

Columbus Show Case Co 850 W Fifth Columbus Ohio CURTIS COS AMERICAN PLYWOOD DIV NEW LONDON WIS Equipto Div Aurora Equipt Co John & Prairie Sts Aurora III Erickson (C E) Co Inc 1440 Walnut St Des Moines Iowa Fuller Displays Inc 5-39 48th Ave Long Island City NY Fulton Glass Co Box 348 Hartford City Ind Garden City Plating & Mfg Co 1750 N Ashland Ave Chicngo 22 III Garrison Wagner Co 2018 Washington Ave St Louis 3 Mo Heller (W C) & Co 1050 Bryant St Montpelier Ohio

Ohio Ohio Hirsh (S A) Mfg Co 8051 N Central Park Skokie III Interlock Metal Units Inc 50 Cliff New York NY Co 1202 S Line Ave Chiege

Johnswood Co 13833 S Indiana Ave Chicago 27 Ill Joslin Displays Inc 105 Kingston Boston 11

Mass ass son Die & Motor Corp 32-14 Northern Blvd ong Island City 1 NY

Jostin Displays the 105 Kingston Doston 11 Mass Kasson Die & Motor Corp 32-14 Northern Blvd Long Island City 1 NY Ken-Ro-Bil Co Van Buren Ohio Kirlin Co 3435 E Jefferson Detroit 7 Mich Knape & Vogt Mfg Co 658 Richmond N W Grand Rapids 4 Mich Larsen Co Ave G & C&NW Ry Sterling III Lustrewood Corp Oxford Rd Mäłord Conn LYON METAL PRODS INC 25 MONTGOM-ERY ST AURORA ILL M & D Display Corp 715 S Palm Ave Al-hambra Calif Marcy (R) Associates 1776 Broadway New York NY MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL May-Bilt Ine Frankfort Ry Multiplex Display Fixture Co 911-21 N 10th St St Louis 1 Mo National Sawdust Co Ine 60 N Sixth St Brook-lyn 11 NY Neo-Ray Prod Ine 313-23 E 22nd S New York 10 NY Plytex Corp 1731 Elston Ave Chicago 22 III Quensell Displays Inc 7123 Austin St Forest Hills NY Reeve (Hurum E) Co 2220 S Grand Los An-geles Calif Ridgely Trimmer Co 1300 Kenton St Spring-field 99 Ohio Scheuer Cregations Ine 307 W 38th St New

Ridgely Trimn field 99 Ohio Scheuer Creations Inc 307 W 38th St New York 18 NY

York 18 NY Schwartz Showell Corp 842 Goodale Blvd Co-lumbus 8 Ohio Sitka Spruce Lumber & Mfg Co 2500 Genesee

Kansas City 8 Mo Stanford Wood Prod Co Box 238 Stanford Ky Stensgaard (W L) & Assoc Inc 346 N Justine

Stanford Wood Fron Co Box 255 Stanford Ky Stensgaard (W L) & Assoc Inc 346 N Justine Chicago III Store Engr Co 52 E Myrtle Ave Youngstown 7

Store Kraft Mfg Co Beatrice Neb Universal Equipment Co 3401 W Division Chi-cago Ill

G66

Universal Steel Eapt Corp 32-35 47th Ave Long Island City 1 NY Victor Prod Corp 901 Pope Ave Hagerstown

Mil Wadell Co Inc Greenfield Ohio

arner Mfg Co 801 16th Ave SE Minneapolis Minn

Minn Warren (J D) Mfg Co Montpelier Ohio Weber Showcase & Fixture Co 5700 Avalon Blvd Los Angeles 54 Calif Williams Prod Co Inc 6127 Cedar Ave Phila-delphia 43 Pa

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Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich ALUMINUM CO OF AMERICA 1501 ALCOA BLDG PITTSBURGH 19 PA Farwell Metal Fabricating Div Fairfield & Walter St Paul 1 Minn Giehner Inc 1900 Kendall N E Washington 2 DC

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#### FLASHING, COPPER

ANACONDA COPPER & BRASS DIV AMER-ICAN BRASS CO 414 MEADOW ST WA-TERBURY 20 CONN AMERICAN SISALKRAFT CORP 55 STAR-KEY AVE ATTLEBORO MASS ANGIER CORP FOUNTAIN ST FRAMING-HAM MASS

HAM MASS Badger Corrugating Co 1801 W Ave "S" La Crosse Wis Bridgeport Brass Co 30 Grand St Bridgeport

2 Conn ECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL HASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN hency Metal Prod Co 623 Prospect St Trenton 5 NJ CÉCO CHASE

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<sup>5</sup> NJ DELTA CO 333 WEST 24TH PLACE CHI-CAGO ILL Farwell Metal Fabricating Div Fairfield & Walter St Paul 1 Minn Walter St Paul 1 Minn Gichner Inc 1900 Kendall N E Washington 2

DC H kmann Bldg Prod Co 4018 W Lake Chicago

111 24 III Hussey (C G) & Co 2860 Second Ave Pitts-burgh 19 Pa Penn Supply Metal Corp 1831 N Fifth St

Penn Supply metal corp 1631 N Fifth St Philadelphia 22 Fa REVERE COPPER & BRASS INC 239 PARK AVE NEW YORK 17 NY STOCKER MFG CO NETCONG NJ Tyra (R K) Co Highwap 61 Tyra Minn Wasco Prod Inc Bay State Rd Cambridge 38 Mose

Tyr. Wasco Mass

#### FLASHING, METAL, GALVANIZED

Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich Hazel Park CAN STEEL & WIRE DIV US STEEL ROCKEFELLER BLDG CLEVELAND

0 ROC OHIO

Badger Corrugating Co 1801 W Ave "S" La Crosse Wis CECO STEEL PRODS CORP 5601 W 26TH ST

CHICAGO 50 ILL entral Prod Co 57 Forest St Battle Creek Mich Ce

Mich Cheney Metal Prod Co 623 Prospect St Tren-ton 5 NJ Continental Steel Corp 1109 S Main St Kokomo

Fabry Calif Mfg Co Date & Orange Sts Alhambra

Calif Farwell Metal Fabricating Div Fairfield & Walter St Paul 1 Minn FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY

Gary-Pioneer Steel Corp Gary Ind Giehner Inc 1900 Kendall N E Washington 2 DC

DC Heckmann Bldg Prod Co 4018 W Lake Chi-eago 24 Ill Illinois Zine Co 2959 W 47th St Chicago 32 Ill INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS La Crosse Steel Roofing Co 227 Jay St La Crosse Wis

Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn Newport Steel Corp Ninth & Lowell Sts New-

port Ky Northwest Metal Prod Inc 55 Spokane St Sc-attle 4 Wash

attle 4 Wash Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa REPUBLIC STEEL CORP REPUBLIC BLDG CLEVELAND 1 OHIO SAINT PAUL CORRUGATING CO S END WABASHA ST ST PAUL 1 MINN Tennison Bros Inc 450 N Bellevue Memphis 1 Torns Tenn

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Tyra (R K) Co Highway 61 Tyra Minn Wheeling Corrugating Co 1134 Market St Wheeling W Va

#### FLASHING, PAPER-TREATED

AMERICAN SISALKRAFT CORP 55 STAR-KEY AVE ATTLEBORO MASS ANGLER CORP FOUNTAIN ST FRAMING-HAM MASS

HAM MASS BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY CAREY (PHILIP) MFG CO 320 S WAYNE CINCINATI 15 OHIO DELLA CO 333 W 2474H PL CHICAGO ILL JOHNS-MANVILLE CORP 22 E 440TH ST NEW YORK 16 NY Labor Co Madiagenet 25th Ame Ballmend III

**VEW YORK 16 NY** hon Co Madison at 25th Ave Bellwood III otective Papers Inc Union III chkraft Co 510 N Dearborn St Chicago 10 Loh

VISKING CORP PO BOX 1410 TERRE HAUTE IND

#### FLASHING, TERNE METAL

YNTRON CO 61 HOMER CITY PA SYNTRON

Cincinnati Floor

FAIR

Mich

FLOORING, BLOCK

FOLLANSBEE STEEL CORP 140 STANWIX ST PITTSBURGH 22 PA

FLOATS, CONCRETE VIBRATING

Whiteman Mfg Co 13020 Pierce Ave (Pacoima) Los Angeles Calif

BRADLEY LUMBER CO OF ARKANSAS PO BOX 399 WARREN ARK BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS I TENN Cincinnati Floor Mfg Co 4775 Eastern Ave

Cincinnati Floor Mfg Co 4775 Eastern Ave Cincinnati 26 Ohio CONNOR LBR & LAND CO 231 THOMAS ST WAUSAU WIS

GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE

311 PORTLAND ORE Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn HARRIS MFG CO GROVER AT WALNUT JOHNSON CITY TENN HIGGINS INDUSTRIES INC PO BOX 8169 NEW ORLEANS 22 LA Holt Hardwood Co De Witt St Oconto Wis Hurtsboro Oak Flooring Co Inc Hurtsboro Ala Memphis Hardwood Flooring Co 1591 Thomas St Memphis 7 Tenn Miller Bros Co PO Box 540 Johnson City Tenn Nickey Bros Inc 2700 Summer Ave Memphis Tenn

Nickey Bros Inc 2700 Summer Ave Memphis Tenn North Branch Flooring Co 2415 W Barry Ave Chicago III Ritter (W M) Lbr Co 115 E Rich St Columbus

Ritter (W M) Lbr Co 115 E Rich St Columbus 15 Ohio Robbins Flooring Co Reed City Mich Stuart Lbr Corp Stuart 10 Va Twin City Hardwood Lbr Co 509 N Cleveland Ave St. Paul 14 Minn Virginia Oak Flooring Co Inc PO Box 969 Pulnski Va

Pulaski Va Wells (J W) Lbr Co 2231 10th St Menominee

WOOD-MOSAIC INC EAGON AVE LOUIS-VILLE KY Yawkey-Bissell Hardwood Flooring Co White Lake Wis

ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Cork Insulation Co Inc 730 Fifth Ave New York 19 NY KENTILE INC 58 SECOND AVE BROOK-LYN 15 NY WRIGHT MFG DIV MASTIC TILE CORP OF AMERICA PO BOX 6567 HOUSTON 5 TEXAS

AMERICAN BUILDER

FLOORING, CORK

(D L) LBR CO BOX 309 LOUISVILLE

618 LEXINGTON AVE

#### FLOORING, FIR

Agnew Lbr Co 903 B St Centenlia Wash Babcock Lbr Co Frick Bldg Pittsburgh 19 Pa Canadian Western Lbr Co Ltd 15 King Ed-ward Ave New Westminster BC Can Giustina Brothers Lbr Co Box 989 Eugene Ore Edward Hines Lbr Co 77 W Washington St Chicago 2 Ill Johnson (C D) Lbr Co American Bank Bldg Portland Ore LONG-BELL LBR CO 926-8 GRAND AVE KANSAS CITY 6 MO Macmillan & Bloedel Ltd 837 Hastings St Van-couver BC Can Mauk Seattle Lbr Co 3935 University Seattle 5 Wash

5 Wash Seattle Lbr Co 3935 University Seattle 5 Wash Vench-May-Wilson Inc 1199 Wright Rd Alcoa

Tenn WEYERHAEUSER SALES CO FIRST NAT'L BANK BLDG ST PAUL 1 MINN Willamette Valley Lbr Co Box 5 Dallas Ore WEY

#### FLOORING, HARDWOOD, BEECH

Anderson-Tully Co PO Box 28 Memphis 10

Tenn BRADLEY LBR CO OF ARKANSAS PO BOX 390 WARREN ARK BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS I TENN Central Oak Prod Co 24th Ave & N Clifton Number 16 Tenn

MEMPHIS I TEAN Central Oak Prod Co 24th Ave & N Clifton Nashville Tenn Cook (F C) & Co 1208-13 Munsey Bldg Balti-more 2 Md Cotton & Hanlon Odessa NY

more 2 Md Octon & Hanlon Odessa NY (ROSSETT LBR CO CROSSETT ARK DeSoto Hardwood Flooring Co 977 Sledge Ave Memphis Tenn

Memphis Tenn FAIR (D D) LBR CO BOX 309 LOUISVILLE

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HARRIS

ville NC ARRIS MFG CO GROVER AT WALNUT JOHNSON CITY TENN eywood-Wakefield Co Conifer Lbr Mills Coni-11.

Heywood-Wakefield Co Conifer Lbr Mills Coni-fer NY Holt Hardwood Co De Witt St Oconto Wis Kenova Hardwood Flooring Co Wood St Kenova W Va Leathers (A H) Mfg Co Box 29 Dickson Tenn Marsh Lbr Co Ine 535 S Tuscarawas Dover Obio

Ohio McMinnville Mfg Co PO Box 151 McMinn-ville Tenn Mendow River Lbr Co Box 245 Rainelle W Va Miller & Co Inc Selma Ala Mobile River Saw Mill Co Mt Vernon Ala Monterey Hardwood Flooring Co Monterey Teoro

Tenn ower Lbr Co PO Box 2151 Charleston 28

Tenn Webster (H E) Lbn Co 1215 R A Long Bldg Kansas City 6 Mo Wells (J W) Lbr Co of Alabama PO Box 212 Montgomery 1 Ala Williams & Voris Hardwood Co Jackson Miss

#### FLOORING, HARDWOOD, BIRCH

ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS CONNOR LBR & LAND CO 231 THOMAS ST WAUSAU WIS

ST WAUSAU WIS Cotton & Hanlon Odessa NY Graybeal (C. R) & Sons PO Box 198 Roan Mountain Tenn Hardwood Corp of America PO Box 1091 Ashe-ville NC Heywood-Wakefield Co Conifer Lbr Mills Coni-fer NY Lb Hardwood Co Do Witt St Oppote Wis

fer NY Holt Hardwood Co De Witt St Oconto Wis Horner Flooring Co Box 104 Dollar Bay Mich Meadow River Lbr Co Box 245 Rainelle W Va Mower Lbr Co PO Box 2151 Charleston 28 Meadow River Lor Co PO Box 2151 Constru-W Va Robbins Flooring Co Reed City Mich Schreiber (W C) Lbr Co 2255 S Lumber Chi-cago 16 III Twin City Hardwood Lbr Co 509 N Cleveland Ave St Paul 14 Minn Veach-May-Wilson Inc 1199 Wright Rd Alcoa Team

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WOOD-MOSAIC INC EAGON AVE LOUIS-VILLE KY

APRIL 1956

# FLOORING, HARDWOOD, OAK

Wower Lbr Co PO Box 2151 Charleston 28 W Va Owen (R C) Co Hopkinsville Ky Robbins Flooring Co Reed City Mich Schreiber (W C) Lbr Co 2255 S Lumber Chi-cago 16 Ill SOUTHERN LBR CO PO BOX 510 WARREN

ARK Tibbals Flooring Co Oneida Tenn Twin City Hardwood Lôr Co 509 N Cleveland Ave St Paul 14 Minn Veach-May-Wilson Inc 1199 Wright Rd Alcoa Tenn Webster (H E) Lor Co 1315 R A Long Ridg

Anderson-Tully Co PO Box 28 Memphis 10 Tenn ARKANSAS OAK FLOORING CO 2200 W FIFTH AVE PINE BLUFF ARK Babcock Lbr Co Frick Bidg Pittsburgh 19 Pa Barnes Lbr Corp Charlottesville Va BRADLEY LBR CO OF ARKANSAS PO BOX 390 WARREN ARK BRUCE (E L) CO OF ARKANSAS PO BOX 397 MEMPHIS 1 TENN Carpenter Oak Flooring Co 906 N 40th Box 3173 Birmingham Ala Central Oak Prod Co 24th Ave & N Clifton Nashville Tenn Chapman & Dewey Lbr Co Memphis Tenn CLOUD OAK FLOORING CO 1916 N WEL-LER SPRINGFIELD MO CONNOR LER & LAND CO 231 THOMAS ST WAUSAU WIS Cook (A B) Co Malvern Ark

FLOORING, HARDWOOD,

Babcock Lbr Co Frick Bldg Pittsburgh 19 Pa Central Oak Prod Co 24th Ave & N Clifton

Central Oak Prod Co 24th Ave & N Clifton Nashville Tenn CONNOR LBR & LAND CO 231 THOMAS ST WAUSAU WIS Cook (F C) & Co 1208-13 Munaey Bldg Balti-more 2 Md Cotton & Hanlon Odessa NY Farrin (M B) Lbr Co Spring Grove & Station Ave Cincinnati 32 Ohio Ferguson (W T) Lbr Co Eighth & Pine Sts St Louis 1 Mo GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn Hardwood Corp of America PO Box 1091 Asheville NC

Asheville NC ARRIS MFG CO GROVER AT WALNUT JOHNSON CITY TENN eywood-Wakefield Co Conifer Lbr Mills Coni-

BOINNSON CHILL LEAN MILLS Conifer Lbr Mills Conifer NY Edward Hines Lbr Co 77 W Washington St Chicago 2 III Holt Hardwood Co De Witt St Oconto Wis Horner Flooring Co Box 104 Dollar Bay Mich Lanham Hardwood Flooring Co 12th & Mag-nolia St Louisville 10 Ky Lightsey Bros Miley SC Marsh Lbr Co Inc 535 S Tuscarawas Dover Ohio McMinnville Mfg Co PO Box 151 McMinnville

McMinnville Mfg Co PO Box 151 McMinnville

Tenn Meadow River Lbr Co Box 245 Rainelle W Va Monterey Hardwood Flooring Co Monterey

North Branch Flooring Co 2415 W Barry Ave

North Branch Flooring Co 2415 W Barry Ave Chicago III Owen (R C) Co Hopkinsville Ky Paxton (Frank) Lbr Co 6311 St John Ave Kansas City Mo Robbins Flooring Co Reed City Mich Schreiber (Wm C) Lbr Co 2255 S Lumber Chicago 16 III Scottale Wood Prod Inc PO Box 36 Scottdale

Pa Pa Tibbals Flooring Co Oneida Tenn Twin City Hardwood Lbr Co 509 N Cleveland Ave St Paul 14 Minn Veach-May-Wilson Inc 1199 Wright Rd Alcoa Tenn Webster (H E) Lbr Co 1215 R A Long Bldg Kansas City 6 Mo Wells (J W) Lbr Co 2231 10th St Menominee Mich

Wells (J W) LDr Co 2231 10th St Menominee Mich Wells (J W) LDr Co of Alabama PO Box 212 Montgomery 1 Ala Williams & Voris Hardwood Co Jackson Miss WOOD-MOSAIC INC EAGON AVE LOUIS-VILLE KY Venture Real Headwood Flowing Co White

YILLE KY Yawkey-Bissell Hardwood Flooring Co White Lake Wis

Anderson-Tully Co PO Box 28 Memphis 10

Lbr Co PO Box 2151 Charleston 28 W Va W Va Inc 2700 Summer Ave Memphis

MAPLE

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WAUSAU WIS Cook (A B) Co Malvern Ark Cook (F C) & Co 1208-13 Munsey Bldg Balti-more 2 Md Cotton & Hanlon Odessa NY Cromar Co Susquehanna St Williamaport Pa CROSSETT LBR CO CROSSETT ARK DeSoto Hardwood Flooring Co 977 Sledge Ave Memphis Tenn Dierks Forests Inc 700 Dierks Bldg Kansas City 6 Mo Me. Dierks F

Dierks Forests Inc 700 Dierks Bidg Kansas City 6 Mo. Edens-Birch Lbr Co Box B Corrigan Texas Exchange Sawnills Sales Co R A Long Bidg Kansas City 6 Mo FAIR (D L) LBR CO BOX 309 LOUISVILLE

MISS

MISS Farrin (M B) Libr Go Spring Grove & Station Ave Cincinnati 32 Ohio Ferguson (W T) Libr Co Eighth & Pine Sts St Louis 1 Mo Fordyce Lumber Co Fordyce Ark FROST Libr INDUSTRIES PO DRAWER 1125 SHREVEPORT 90 LA GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE

Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn Hardwood Corp of America PO Box 1091 Ashe-

Hardwood Corp of America PO Box 1091 Ashe-ville NC HARRIS MFG CO GROVER AT WALNU'A JOHNSON CITY TENN HIGGINS INDUSTRIES INC PO BOX 8169 NEW ORLEANS 22 LA Holt Hardwood Co De Witt. St Oconto Wis Hutton & Bourbonnis Co Box 303 Olickory NC Kendall Lbr Corp PO Box 1467 Pittsburgh 19 Pa. Pa

Pa Lanham Hardwood Flooring Co 12th & Mag-

Lanham Hardwood Flooring Co 12th & Mag-nolia Sta Louisville 10 Ky Leathers (A Hy Mfg Co Box 29 Dickson Tenn Lightsey Rros Miley SC LONG-BELL LBR CO 226-8 GRAND AVE KANSAS CITY 6 MO Marsh Lbr Co Inc 535 S Tusearawas Dover Obio

McMinnville Mfg Co PO Box 151 McMinnville

McMinnville Mfg Co PO Box 151 McMinnville Tenn Meadow River Lbr Co Box 245 Rainelle W Va Merit Oak Flooring Co 4530 Georgia Rd Birs mingham Ala Miller Bros Co PO Box 540 Johnson City Tenn Co Los Co PO Box 540 Johnson City

Tenn Miller & Co Inc Selma Ala Mobile River Saw Mill Co Mt Vernon Ala Monterey Hardwood Flooring Co Monterey

Tenn Mower Lbr Co PO Box 210x W Va NATL OAK FLOORING MFRS ASSN MEM-PHIS TENN Revos Inc 2700 Summer Ave Memphis

Tenn North Branch Flooring Co 2415 W Barry Ave Chicago III Owen (R C) Co Hopkinsville Ky Ozark Oak Flooring Co Bismarck Mo Robbins Flooring Co Reed City Mich Schreiber (W C) Lbr Co 2255 S Lumber Chi-cago 16 III cago 16 Ill Scottdale Wood Prod Inc PO Box 36 Scottdale

Pa SOUTHERN LBR CO PO BOX 510 WAR-REN ARK Southern Pine Lbr Co Diboll Tex Stewart (E A) Lbr Co PO Box 1777 Texarkana

Texas Stuart Lbr Corp Stuart 10 Va Stuart Lbr Corp Stuart 10 Box 480 Crockett Texoak Flooring Co PO Box 480 Crockett

Texoak Flooring Co PO Box 480 Crockett Texas Tibbals Flooring Co Oneida Tenn Triplet Lbr Co Ine Box 738 Lenoir NC Twin City Hardwood Lbr Co 509 N Cleveland Ave St Paul 14 Minn Vench-May-Wilson Inc 1199 Wright Rd Alcon

Tenn

Tenn Virginia Oak Flooring Co Inc PO Box 969 Pulaski Va Webster (H E) Lbr Co 1215 R A Long Bldg Kansas City 6 Mo Wells (J W) Lbr Co 2231 10th St Menomines

Mich Mich Wells (J W) Lbr Co of Alabama PO Box 212 Montgomery 1 Ala Wescott (J D) & Son Box 747 Williamson W

Va Williams & Voris Hardwood Co Jackson Miss Williams (J L) & Sons Sheridan Ark WOOD-MOSAIC INC EAGON AVE LOUIS-VILLE KY

Yawkey-Bissell Hardwood Flooring Co White Lake Wis

#### FLOORING, HARDWOOD, PECAN

Anderson-Tulley Co PO Box 28 Memphis 10

Anderson-Fulley Co FO Box 28 Memphis 10 Tenn BRADLEY LBR CO OF ARKANSAS PO BOX 390 WARREN ARK FROST LBR INDUSTRIES PO DRAWER 1125 SHREVEPORT 90 LA GEORGIA-PACIFIC PLYWOODS CO PO BOX 311 PORTLAND ORE Miller & Co Inc Selma Ala Mobile River Saw Mill Co Mt Vemon Ala Owen (R C) Co Hopkinsville Ky Schreiber (W C) Lbr Co 2255 S Lumber Chi-cago 16 Ill Twin City Hardwood Lbr Co 509 N Cleveland

Twin City Hardwood Lbr Co 509 N Cleveland Ave St Paul 14 Minn

#### FLOORING, PINE

MISS

Fro

Angelina County Lumber Co Keltys Texas Babcock Lbr Co Frick Bidg Pittsburgh 19 Pa Barnes Lbr Corp Charlottesville Va BRADLEY LBR CO OF ARKANSAS PO BOX 339 WARREN ARK

Ferguson (W I) Lbr Co 8th & Pine Sts St Louis 1 Mo

st Hardwood Floors Inc Shreveport La

G67

390 WARKEN AKK Brocks-Scanlon Inc Box 1111 Bend Ore CROSSETT LBR CO CROSSETT ARK Dargen Lbr Mfg Co Conway SC Dierks Forests Inc 700 Dierks Bldg Kansas City 6 Mo FAIR (D L) LBR CO BOX 309 LOUISVILLE MISS

FROST LBR INDUSTRIES PO DRAWER 1125 SHEFVEPORT 90 LA GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE Hurtshore Oak Flooring Co Inc Hurtshore Ala Hurtshore Oak Flooring Co Inc Hurtshore Ala Hurtshore Bros Miley Sc LONG-BELL LBR CO 926-S GRAND AVE KANSAS CITY 6 MO Mauk Seattle Lbr Co 3935 University Seattle 6 Week

KA Mauk Sea 5 Wash

Mauk Sentte Lor Co. 5 Wash Miller & Co. Inc Selma Ala Miller (T R) Mill Co 402 Deer St Brewton Ala Phillipa-Rhyne Lbr Co Inc PO Box 257 Brook-haven Miss SOUTHERN LBR CO PO BOX 510 WARREN

Vene ARK ch-May-Wilson Inc 1199 Wright Rd Alcoa

fells (J W) Lbr Co of Alabama PO Box 212 Montgomery 1 Ala w

#### FLOORING, HARDWOOD, PRE-FINISHED

BRADLEY LBR CO OF ARKANSAS PO BOX 390 WARREN ARK BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS I TENN Cincinnati 26 Ohio Cincinnati 26 Ohio

Cromar Co Susquehanna St Williamsport Pa FAIR (D L) LBR CO BOX 309 LOUISVILLE MICO

MISS HIGGINS INDUSTRIES INC PO BOX 8169 NEW ORLEANS 22 LA Memphis Hardwood Flooring Co 1591 Thomas St Memphis 7 Ten

Schreiher (Wm C) Lbr Co 2255 S Lumber Chi-

111 cago 16 111 SOUTHERN LBR CO PO BOX 510 WARREN

ARK Twin City Hardwood Lbr Co 509 N Cleveland

Ave St. Paul 14 Minn WOOD-MOSAIC INC EAGON AVE LOUIS-VILLE KY

#### FLOORING, MARBLE

Camp Co Inc 6958 S State Chicago 21 Ill Mo Carthage Marble Corp Box 612 Carthage VERMONT MARBLE CO PROCTOR VT

#### FLOORING, PARQUETRY

Barger (P M) Lbr Co Statesville NC Berger Insulation Co Inc 5920 Centre Ave

- Berger Insulation Co inc 3220 Centre Ave Pittsburgh 6 Pa BRADLEY LBR CO OF ARKANSAS PO BOX 399 WARREN ARK BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS 1 TENN CONNOR LBR & LAND CO 231 THOMAS ST WAUSAU WIS

- St William FAIR (D L) LBR CO BOX 309 LOUISVILLE
- GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE
- art PURTLAND ORE Graybeal (C. R.) & Sons PO Box 198 Roan Mountain Tenn & Sons PO Box 198 Roan HARRIS MFG CO GROVER AT WALNUT JOHNSON CITY TENN



Harris Manufacturing Co. Johnson City 11, Tens.

HIGGINS INDUSTRIES INC PO BOX 8169 NEW ORLEANS 22 LA NAT'L OAK FLOORING MFRS ASSN MEM-PHIS TENN Robbins Flooring Co Reed City Mich Scottdale Wood Prod Inc PO Box 36 Scottdale

- Pa
- Pa Staart Lbr Corp Staart 10 Va Twin City Hardwood Lbr Co 509 N Cleveland Ave St Paul 14 Minn Virginia Oak Flooring Co Inc PO Box 969 Fulaski Va Wella (J W) Lbr Co of Alabama PO Box 212 Montgomery 1 Ala WOOD-MOSAIC INC EAGON AVE LOUIS-VILLE KY Vawkav.Biseall Hardwood Flooring Co White

- Yawkey-Bissell Hardwood Flooring Co White Lake Wis

#### FLOORING, PLANK

Anderson-Tully Co PO Box 28 Memphis 10 Tenn ARKANSAS OAK FLOORING CO 2200 W FIFTH AVE PINE BLUFF ARK

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- Berger Insulation Co Inc 5920 Centre Ave
- Berger Insulation Co Inc 5920 Centre Ave Pittsburgh 6 Pa BRADLEY LBR CO OF ARKANSAS PO BOX 390 WARREN ARK BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS 1 TENN
- Cincinnati Incinnati Floor Mfg Co 4775 Eastern Ave Cincinnati 26 Ohio LOUD OAK FLOORING CO 1916 N WEL-LER SPRINGFIELD MO Mfg Co 4775 Eastern Ave
- Cotton & Hanlon Odessa NY FAIR (D L) LBR CO BOX 309 LOUISVILLE FAIR (D L) LOR CO Spring Grove & Station MISS Farrin (M B) Lbr Co Spring Grove & Station Ave Cincinnati 32 Ohio Front Hardwood Floors Inc Shreveport La Front Hardwood Floors Inc Shreveport La
- Frost Hardwood Floors Inc Shreveport La FROST LBR INDUSTRIES PO DRAWER 1125
- SHREVEPORT 90 LA GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE (C R) & Sons PO Box 138 Roan Graybeal Tenn Mountain
- Harris Mfg Co Grover at Walnut Johnson City
- Marsh Lbr Co Ine 200 G Automatic Ohio Mendow River Lbr Co Box 245 Rainelle W Va Memphis Hardwood Flooring Co 1591 Thomas St Memphis 7 Tenn Miller Bros Co PO Box 540 Johnson City Tenn Miller Bros Co PO Box 540 Johnson City Tenn
- St Memphis 7 Tenn Miller Bros Co PO Box 540 Johnson City Tenn NATL OAK FLOORING MFRS ASSN MEM-PHIS TENN Nickey Bros Inc 2700 Summer Ave Memphis Tenn North Branch Flooring Co 2415 W Barry Ave

- North Branch Flooring Co. 2415 W Barry Ave Chicago III Owen (RC) Co Hopkinsville Ky Plytex Corp 1731 Elston Ave Chicago 22 III Rose (D M) & Co Rose Fl Knoxville 4 Tenn Scottdale Wood Prod Inc PO Box 36 Scottdale Pa
- Servicised Prods Corp 6051 W 65th St Chicago 38 III
- 78 III Twin City Hardwood Lbr Co 509 N Cleveland Ave St Paul 14 Minn Veach-May-Wilson Inc 1199 Wright Rd Alcoa
- Tenn
- Tenn Virginia Oak Flooring Co Inc PO Box 969 Pulaski Va Williams-Brownell Inc PO Box 1091 Asheville
- WOOD-MOSAIC INC EAGON AVE LOUIS-

#### FLOORING, PLASTIC

- Azrock Prod Div Uvalde Rock Asphalt Co Box 531 San Antonio 6 Texas CONGOLEUM-NAIRN INC 195 BELGROVE
- CONGOLEUM-NAIRN INC 195 BELGROVE DR KEARNY NJ GOODYEAR TIRE & RUBBER CO 1485 E ARCHWOOD AKRON 18 OHIO JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 18 NY KENTILE INC 58 SECOND AVE BROOKLYN
- anroe Co Inc 10703 Quebec Ave Cleveland 6 Ohio Monr
- Sandura Co Inc 17th & Sansom Sts Philadel-phia \$ Pa Stonhard Co 1306 Spring Garden Philadelphia 22 Pa

- 23 Pa Surface Protection Co 16799 Euclid Ave Cleve-land 12 Ohio Tile-Tex Div Flintkote Co 1232 McKinley Ave Chicago Heights Ill WRIGHT MFG DIV MASTIC TILE CORP OF AMERICA PO BOX 6567 HOUSTON 5 TEXAS

#### FLOORING, RUBBER

- American Biltrite Rubber Co Perrine Ave Trenton 2 NJ
   ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA
   Boston Woven Hose & Rubber Co PO Box 1071 Boston 3 Mass
   Camp Co Ine 6958 S State Chicago 21 Ill
   Flash-Stone Co Inc 3723 Pulaski Ave Philadel-phia 40 Pa
   Goodrieh (B F) Co Flooring Div 36 Nichols Ave Watertown 72 Mass
   GOODYEAR TIRE & RUBBER CO 1485 E ARCHWOOD AKRON IS OHIO
   Hewitt-Robins Inc 666 Glenbrook Rd Stamford Conn American Biltrite Rubber Co Perrine Ave

- Hewitz-Round and Conn Mitchel Rubber Prof. Inc 2114 San Fernando Los Angeles 65 Calif MONROE CO INC 10703 QUEBEC AVE CLEVELAND OHIO R C A Rubber Co 1833 E Market St Akron 5 Ohio
- ROBBINS FLOOR PRODS INC TUSCUMBIA

- ALA ALA United States Rubber Co 1230 Ave of Amer-icas New York 20 NY Williams Prod Co Inc 6127 Cedar Ave Phila-delphia 43 Pa WRIGHT MFG DIV MASTIC TILE CORP OF AMERICA PO BOX 6567 HOUSTON 5 TEVAS

#### FLOORING, STEEL

- Acme Steel Co 2840 Archer Ave Chicago 8 111 American Bridge Div US Steel Corp 526 Wil-liam Penn PI Pittaburgh 39 Pa Armeo Drainage & Metal Prod 703 Curtis St Middletown Ohio
- Blaw-Knox Co Farmers Bank Bldg Pittsburgh
- <sup>30</sup> Pa
   <sup>30</sup> Pa
   COLUMBIA-GENEVA DIV US STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
   DETROIT STEEL PROD CO 2250 E GRAND BLVD DETROIT 11 MICH
   Dravo Corp Machinery Div Dravo Bldg Pitts-burgh 22 Pa
   Inland Steel Co 38 S Dearborn St Chicago 3 III

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- Iniand steel Co 38 S Dearborn St Chicago 3 Ill INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS Jones & Laughlin Steel Corp 3 Gateway Cen-ter Pittsburgh 30 Pa Mahon (R C) Co PO Box 4666 Detroit 34 Mich Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill UNITED STATES STEEL CORP 525 WIL-LIAM PENN PL PITTSBURGH 30 PA Wheeling Corrugating Co 1134 Market St Wheeling W a Wood (Alan) Steel Co Ivy Rock Rd Consho-hocken Pa
- hocken Pa

#### FLOORING UNDERLAYMENT

- Acme Asbestos Covering & Flooring Co 239 N Elizabeth Chicago 7 Ill ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Azrock Prod Div Uvalde Rock Asphalt Co Box 531 San Antonio 6 Texas BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY Camp Co Inc 6958 S State Chicago 21, Ill CAREY (PHILLP) MFG CO 232 S WAYNE CINCINNATI 15 OHIO CELOTEX CORP 122 S LA SALLE ST CHI-COnsumers Glue Co 1515 Hadley St Louis 6 Mo Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa.

Pa FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY FOREST FIBER PRODS CORP BOX 68 FOR-EST GROVE ORE

Gering Prod Inc N 7th & Monroe Kenilworth NJ JOHNS-MANVILLE CORP 23 E 40TH ST NEW YORK 16 NY Keystone Asphalt Prod Co 101 E Ontario St Chicago 11 III

Keystone Asphalt Prod Co 101 E Ontario St Chicago 11 III
Kochton Plywood & Veneer Co Inc 509 W Roosevel Chicago 7 III
MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL
MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY
PARCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF
Paxton (Frank) Lbr Co 6311 St John Ave Kansas City Mo
Piomeer Latex & Chemical Co Inc Lincoln Blvd Middlesex NJ
Plaswood Corp 18263 Hartwell Detroit 35 Mich Plywood Taeoma Co 540 E 15th St Taeoma Wash

Plywood Tacoma Co 540 E 15th St Tacoma Wash Protective Papers Inc Union III Selby Battersby & Co 5520 Whitby Ave Phila-delphia 43 Pa Sloane-Delaware Floor Prod Inc PO Box 401 Trenton 3 NJ SOUTHERN PLASWOOD CORP PO BOX 123 HOPE ARK Taber Bushnell & Co Inc 1112 Metropolitan Bidg Minneapolis 1 Minn Tamms Industries Inc 228 N LaSalle St Chi-cago 1 III Thomas Moulding Floor Co Inc 325 W Huron St Chicago 10 II Tile-Tex Div Flintkote Co 1232 McKinley Ave Chicago Heights III Tremeo Mig Co 3701 Kinsman Rd Cleveland Ohio

Tufcrete Co Inc 552 Teachout Bldg Des Moines Tufferete Co Inc 502 Avenue and 502 9 Iowa Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa Twin City Hardwood Lbr Co 509 N Cleveland Ave St Paul 14 Minn United Lab Inc 16801 Euclid Ave Cleveland 12 Other

UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

Yawkey-Bissell Hardwood Flooring Co White Lake Wis

FLOOR POLISHERS & WAXERS

AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO Atlas Floor Surfacing Machy Co 248 E 34th St New York 16 NY Boyle-Midway Inc 22 E 40th St New York 16 NY

AMERICAN BUILDER

Ohio

Cincinnati Electric Tool Co Madison & Edward Cincinnati 8 Ohio Clarke Sanding Machine Co 30 E Clay Ave Muskegon Mich Dumore Co 1300 17th St Racine Wis Forbos-Habit Co 4181 W Montrose Chicago 41

General Floorcraft Inc 421 Hudson St New

General Flooreraft Inc 421 Hudson St New York 14 NY Hild Floor Machine Co 740 W Washington Chicago III HOLT MFG CO 669 20TH ST OAKLAND 12 CALIF Johnson (S C) & Co Inc 1525 Howe St Racine

Wia

Wis Kent Co Inc 351 Canal St Rome NY Limeoln-Schleuter Floor Machine Co 1250 W Van Buren Chicago 7 Ill PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Puritan Chemical Co 916 Ashby St N W At-lanta Ge de Ly Co 2566 N Second St Minne-anolis Minn

iant (G

ESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 36 PA WF

#### FLOOR RESURFACERS

Acme Asbestos Covering & Flooring Co 239 N Elizabeth Chicago 7 Ill Adensite Co 37-19 23rd St Long Island City NY

NY American Fluresit Co 4011 Red Bank Rd Cin-cinnati 27 Obio Anti Hydro Waterproofing Co 265 Badger Ave Newark 8 NJ Atlas Floor Surfacing Machy Co 248 34th St New York 16 NY

New YORK TO NY Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY Boyer Chemical Co 2232 S Wabash Ave Chi-cago III

cago III Camp Co Inc 6958 S State Chicago 21 III Ceresit Waterproofing Corp 3227 S Shielda Ave Chicago 16 III Clarke Sanding Machine Co 30 E Clay Ave Muskegon Mich Concrete Weld Co 5186 E Coldwater Flint

Concrete

Mich Continental Asbeatos & Refining Corp 1 Madi-son Ave New York 10 NY Evercrete Corp 424 W 42nd St New York 18 NY

NY Flash-Stone Co Inc 3723 Pulaski Ave Philadel-phia 40 Pa Flexrock Co 36th & Filbert Sts Philadelphia 4

Pa Fli ss-Habit Co 4181 W Montrose Chicago

GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO

Kent Co Inc 361 Canal St Rome NY Maguire Walter Co Inc 60 E 42nd St New York NY

York NY MASTER BUILDERS CO 7016 EUCLID AVE CLEVELAND 3 OHIO Montoe Co Inc 10703 Quebec Ave Cleveland 6

Ohio

Ohio Reardon Co 7501 Page Ave St Louis 14 Mo Rock-Tred Corp 7440 N St Louis Skokie III Roc-Wood Flooring Industries 907 N Larrabee Chicago 10 III

Chicago 10 Ill Selby Battersby & Co 5220 Whitby Ave Phila-delphia 45 Pa Sonneborn & Sons Bldg Products Div 404 Fourth Ave New York 16 NY Spray-O-Bond Co 2225 N Humboldt Milwaukee

Fourte Stray-O-Bond Co 2225 N Human 12 Wis Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo Mo 1306 Spring Garden Philadelphia

Mo Stonhard Co 1306 Spring Garden Philadelphia 23 Pa Sullivan Co 212 E Trigg Memphis 2 Tenn Surface Protection Co 16799 Euclid Ave Cleve-land 12 Ohio

Tamms Industries Inc 228 N La Salle St Chi-cago 1 III Tennant (G H) Co 2566 N Second St Minne-apolis Mina Tremco Mig Co 8701 Kinsman Rd Cleveland

Ohio

Onio Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY Truscon Lab Div Devoe & Raynolds Co Caniff at Grand Trunk Detroit 11 Mich Tuferete Co Inc 552 Fachout Bidg Des Moines

Tufferete Co Inc 552 Teachout Bidg Des Moines 9 Iowa Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa United Laboratories Inc 16801 Euclid Ave Cleveland 12 Ohio Vita-Var Corp 10 Commerce Ct Newark NJ Wilson-Imperial Co 115 Chestnut St Newark 5

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#### FLOWER BOXES

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Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich Anchor Div Stratton & Terstegge Co 300 Cul-bertson Ave New Albany Ind COLORCRETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND I MICH LEIGH BLDG PRODE DIV AIR CONTROL PROD INC GLADE ST AT LARCH COOP-ERSVILLE MICH

Metal Prods Co Wolfe & Jackson Fredericks-burg Va Vandy-Craft 14-105 Mdse Mart Chicago 54

#### FLUES, ASBESTOS-CEMENT

JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY

#### FLUES & CHIMNEYS. PREFABRICATED

American Vitrified Prod 701 Nat'l City Bldg Cleveland 14 Ohio Berger Furnace Corp Fourth & Main St Belle Vernon Pa Chimney Sales Corp Nat'l Bank Bldg Fred-

Chimney Sales Corp Nat'l Bank Bidg Fred-ericksburg Va CONDENSATION ENGR CO 3511 W PO-TOMAC AVE CHICAGO 51 ILL GENERAL PROD CO BOX 661 FRED-ERICKSBURG VA Houston Pipe & Sheet Metal Works Box 1692 Houston Texas MAMESTIC CO INC HALL ST HUNTING-

AJESTIC CO INC HALL S. TON IND ETALBESTOS DIV WALLACE (W M) CO PO BOX 37 BELMONT CALIF EGA INDUSTRIES INC 1208 E BRIGHTON SYRACUSE 5 NY AN-PACKER CORP 1049 STATE ST BET-MÊ

VEGA VAN-PACKER

# FORMS, CONCRETE

# (See, Concrete Forms)

#### FORMS, PIER & COLUMN

COLORCRETE INDUSTRIES INC 24TH & COLORCHETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND 1 MICH ECONOMY FORMS 2506 37TH ST DES MOINES IOWA GATES & SONS INC 80 S GALAPAGO ST DENVER 9 COLO

#### FOUNTAINS, DRINKING

American Foundry & Mfg Co 1015 Herbert St

American Foundry & Mig Co 1015 Herbert St St Louis 7 Mo AMERICAN-STANDARD PLUMBING & HEATING DIV PO BOX 1226 PITTS-BURGH 30 PA Clow (James B) & Sons 201-299 N Talman Chicago 80 Ill Dobbins Div Chamberlain Corp Waterloo Iowa

Ebco Mfg Co 235 N Hamilton Rd Columbus 13

OI ELJER CO 3 GATEWAY CENTER PITTS-

RGH 22 PA AY MFG CO 1874 S 54TH AVE CHICAGO ELKAY M 50 ILL

50 ILL GENERAL ELECTRIC CO APPARATUS SALES DIV 1 RIVER RD SCHENECTADY 5 NY Haws Drinking Faucet Co Fourth & Page Sts Berkeley 10 Calif KOHLER CO 44 HIGH ST KOHLER WIS Murdock Mfg & Supply Co 426-30 Plum St Cincinnati 2 Ohio

RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ Taylor (Halsey W) Co 1259 N Park Ave War-

ren Ohio

Uniflow Mfg Co 1525 E Lake Rd Erie Pa UNIVERSAL-RUNDLE CORP BOX 960 NEW CASTLE PA

#### FRAMES, DOOR & WINDOW, METAL

The Adams Co PO Box 268 Dubuque Iowa Actna Steel Prod Corp 730 Fifth Ave New York 19 NY AMERICAN WELDING & MFG CO 310 DIETZ RD WARREN OHIO BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO BULLDERS MFG CO 528 N 37TH BOX 3007 BIRMINGHAM ALA CECO STEEL PROBS CORP 5601 W 26TH ST CHICAGO 50 ILL Clay Equipment Corp 23 Builder St Cedar Falls

Clay Equipment Corp 23 Builder St Cedar Falls

Iowa Copco Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich Davis & Siehl Co Box 78 Sta A Cincinnati 23

Ohio DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md Federal Windows Inc PO Box 60 Waukesha

HOPES WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY

International Fireproof Door Co 76 Lexington

International FireProof Door Co to Lexington Ave Brooklyn 5 NY International Steel Co 1321 Edgar St Evans-ville 7 Ind KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL

Knapp Brothers Mfg Co 16 E 72nd St Cincin-

ANDE REWANDE 11L
Knapp Brothers Mig Co 16 E 72nd St Cincinnati 16 Ohio
Mesker Bros 6th Poplar & 7th St Louis 2 Mo
METAL CRAFTERS E AVE AT 18TH ST CEDAR RAPIDS 10WA
NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO
National Metal Door & Buck Corp 420 Lexington Ave Brooklyn 21 NY
ONE-DER FRAME CORP 1232 N 37TH PL BIRMINGHAM 3 ALA
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL
Richmond Fireprof Door Co Box 97 Friends

AURORA ILL Richmond Fireproof Door Co Box 97 Friends Sta Richmond Ind Schacht Associates Inc 1175 E 156th St New York 59 NY Soule Steel Co 1750 Army St San Francisco

Soule Steel Co 1750 Army St San Francisco 24 Calif SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA Southern Wire & Iron Works 441 Memorial Dr SE Atlanta Ga Starline Inc 300 W Front St Harvard Ill STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO Trimco Metal Prod 6304 Olive St Rd St Louis 5 Mo. STEEL DU DEDUBLIC STEEL

TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1

CORP 1050 ALBERT OF OHIO Trussbilt Div Siems Bros Inc 2575 Como Ave

Trussbit Div Siems Bros Inc 2575 Como Ave St Paul & Minn UNITED STEEL FABRICATORS INC 333 GASCHE ST WOOSTER OHIO Virginia Metal Prod Inc Dept A 44 Orange Va WAGNER IRON WKS 1995 S FIRST ST MIL-WAUKE 1 WIS Werner (R D) Co Inc 295 Fifth Ave New York 16 NY 16 NY Villiams Prod Co Inc 6127 Cedar Ave Phila-delphia 43 Pa

#### FRAMES, DOOR, WOOD

American Sash & Door Co 16th Bellefontaine Kansas City 1 Mo ANDERSEN CORP BAYPOINT MINN

Wash CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE 10WA Cole Mfg Co PO Box 2657 Memphis 2 Tenn CURTIS COS INC 1200 S SECOND AVE CLINTON 10WA

CLINTON IOWA Deer Park Pine Industry Inc. Deer Park Wash Dierks Forests Inc 700 Dierks Bldg Kansas City & Mo Farley & Loctscher Mfg Co Dubuque Iowa Firpine Prod Co PO Box 188 Oswego Ore Fordyce Lbr Co Fordyce Ark Goshen Sash & Door Co E Purl Goshen Ind Greng & Son Inc 21-31 Blandin Ave Framing-

Goshen Sash & Door Co E Purl Goshen Ind Gregg & Son Inc 21-31 Blandin Ave Framing-ham Mass & Door Co Anderson Ind Hurd Millwork Corp Medford Wis Huttig Mfg Co Muscatine Iowa Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo Hyde-Murphy Co Murphy Bldg Ridgway Pa Ideal Co 24th & Mary Sts Waco Texas Keystone Frame & Mfg Co PO Box 873 Spo-kane Wash Kinzua Pine Mills Co Kinzua Ore Lockwood Wood Prod PO Box 338 Beaverton Ore

LONG-BELL LBR CO 926-8 GRAND AVE KANSAS CITY 6 MO KANSAS CITY 6 MO MALTA MFG CO 35 ELLIOTT ST MALTA OHIO

Marquart Millwork Co 50 Ceape St Oshkosh

Morgan Sash & Door Co 2287 Blue Island Chicago 8 Ill Northern Sash & Door Co Hawkins Wis Pacific Mfg Co 2610 The Alameda Santa Clara

wasn ROACH & MUSSER CO MUSCATINE IOWA Rock Island Millwork Co 2525 Fourth Ave Rockwell of Randolph Ine Randolph Wis Rose (D M) & Co Rose PI Knoxville 4 Tenn Segelke & Kohlhaus Co 600 S Second St La Crosse Wis

SILCREST CO 100 THOMAS ST WAUSAU SOUTHERN LBR CO PO BOX 510 WARREN

Southern Mill & Mfg Co PO Box 1087 Tulsa 1 Okla

G69

est Jobbers Inc 3300-08 S Racine Chicago

Mutual Door Co Tacoma Bldg Tacoma

BIEse-Coleman Lor Co Omak Wash BRADLEY LBR CO OF ARKANSAS PO BOX 390 WARREN ARK Burke Millwork Co PO Box 1844 Seattle 11

ash

Wie Midw

8 III

Calif

ARK

Pacific Wash

Spokane Pine Prod Co 2302 E Mallon Spokane

Spokane Pine Prod Co 2302 E Malion Spokane 10 Wash Templeton (Herbert A) Lbr Co 807 Terminal Sales Bldg Portland 5 Ore Washington Mfg Co PO Box 1544 Tacoma Wagh

1 Wash Wel-Bilt Prod Co Box 95 Memphis 1 Tenn Williams-Brownell Inc PO Box 1091 Asheville NC

#### FRAMES, METAL FOR STRUCTURAL GLASS

Alden Mfg Co 201 W Walnut St Painesville

KAWNEER CO 1105 N FRONT ST NILES MICH

MICH PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA

#### FRAMES, SINK WELL

Alden Mfg Co 201 W Walnut St Painesville R

T Metaks Co 425 W Town St Columbus Ohio GGS MFG CO 300 BUHL BLDG DETROIT BRIGGS

26 MICH

Decorite Inc 2116 Peachtree St Atlanta Ga MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA National Guard Prod Inc 540 Jackson Ave

Memphis 7 Tenn Windows Inc 515 Bonham Ave Columbus Rex Ohio

3 Ohio Selek (Walter E) & Co 223 W Hubbard Chi-cago 10 Ill Superior Industries Inc 3786 Oakwood Ave Youngstown 9 Ohio Trimedge Inc Box 328 Newman Ga Werner (R D) Co Inc 295 Fifth Ave New York 16 NY

DUNGSTOWN MFG INC 60-66 S PROSPECT YOUNGSTOWN OHIO vou

#### FRAMES, WINDOW, WOOD

American Sash & Door Co 16th Bellefontaine Kansas City 1 Mo Biles-Coleman Lbr Co Omak Wash BROWN-GRAVES CO 191 E MILLER AVE AKRON 1 OHIO Burke Millwork Co PO Box 1844 Seattle 11 Work

CARR

Wash ARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE 10WA Clay Equipment Corp 23 Builder St Cedar Falls

Lova Lova Cole Mfg Co PO Box 2657 Memphis 2 Tenn CURTIS COS INC 1200 S SECOND AVE CLINTON 10WA Deer Park Pine Industry Inc Deer Park Wash Dierks Forests Inc 700 Dierks Bidg Kansas City 6 Mo Farley & Loetscher Mfg Co Dubuque Iowa Farley & Loetscher Mfg Co Dubuque Iowa City 6 Mo Farley & Loetscher Mfg Co Dubuque Iowa FROST LBR INDUSTRIES PO DRAWER 1125 SHREVEPORT 90 LA Goshen Sash & Door Co E Purl Goshen Ind Gregg & Son Inc 21-31 Blandin Ave Framing-ham Mass

Gregg & Son inc 21-31 bindin Ave Framing-ham Mass Edward Hines Lbr Co 77 W Washington St Chicago 2 Ill Hurd Millwork Corp Medford Wis Huttig Mfg Co Muscatine Iowa Huttig Mfg Co Muscatine Iowa Huttig Mfg Co Muscatine Iowa Hyde-Murphy Co Murphy Bidg Ridgway Pa Ideal Co 24th & Mary Sts Waco Texas Keystone Frame & Mfg Co PO Box 873 Spo-kane Wash Kinzua Pine Mills Co Kinzua Ore Lockwood Wood Prod PO Box 338 Beaverton Ore

LONG-BELL LBR CO 926-8 GRAND AVE KANSAS CITY 6 MO MALTA MFG CO 35 ELLIOTT ST MALTA OHIO

arquart Millwork Co 50 Ceape St Oshkosh Wis Max

Midwest Jobbers Inc 330-08 S Racine Chicago

ula White Pine Sash Co Scott & Stoddard Min

Missoula White Fine Bass of Missoula Mont Morgan Sash & Door Co 2287 Blue Island Chicago 8 III National Screen Co Inc Madison Ave Ex-tended Suffolk Va Northern Sash & Door Co Hawkins Wis Northern Sash & Door Co Hawkins Wis

Calif Pacific Mutual Door Co Tacoma Bldg Tacoma

Wash

Wash Phillips-Rhyne Lbr Co Inc PO Box 257 Brookhaven Miss R O W SALES CO 1365 ACADEMY FERN-DALE 20 MICH Rock Island Millwork Co 2525 Fourth Ave Rock

Island III 111 of Randolph Inc Randolph Wis M) & Co Rose PI Knoxville 4 Tenn & Kohlhaus Co 600 S Second St La ekwell

Rose (D M) Segelke & Ko Crosse Wis

G70

SILCREST CO 100 THOMAS ST WAUSAU WIS

W15 Snedaker (Frank C) & Co Inc 3531 N Ninth St Philadelphia 40 Pa Spokane Pine Prod Co 2302 E Mallon Spokane

Spokane Pi 10 Wash Spokane Sash & Door Co PO Box Spokane Wash

Western Pine Mfg Co 315 E Jackson St Spo-Western Pine Mfg Co 315 E Jackson St Spo-kane 7 Wash White Pine Sash Co E 4005 Broadway Spo-kane Wash

WOODCO CORP BOX 31 NORTH BERGEN

#### FRAMING, STEEL

Acme Steel Co 2840 Archer Ave Chicago 8 III American Bridge Div US Steel Corp 525 Wil-liam Penn Pl Pittsburgh 30 Pa American Steel & Iron Works 5800 & S Lowe

Chicago 21 III ETHLEHEM STEEL CO 701 E THIRD ST BETHLEHEM PA Chicago 21 BETHLEHEM

Decatur Iron & Steel Co Second St W Decatur

Ala ries & Son Steel Const & Engr Co Covington Ky E<sub>2</sub>

Ky International Steel Co 1321 Edgar St Evans-ville 7 Ind

ville 7 Ind Jones & Laughlin Steel Corp 3 Gateway Center Pittsburgh 30 Pa LACLEDE STEEL CO ARCADE BLDG ST

Pittaburgh 30 Pa LACLEDE STEEL CO ARCADE BLDG ST LOUIS MO Macomber Inc 1925 10th Canton Ohio Southern Wire & Iron Works 441 Memorial Dr SE Atlanta Ga STRAN-STEEL CORP UNIT OF NAT'L STEEL CORP (ECORSE) DETROIT 29 MICH MICH TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN

OHIO

Unistrut Prod Co 1013 W Washington Chicago 7 Ill

#### FREEZERS, HOME

ADMIRAL CORP 3800 W CORTLAND CHI-CAGO 47 ILL CROSLEY DIV AVCO MFG CORP 1329 AR-LINGTON ST CINCINNATI 25 OHIO FRIGIDAIRE DIV GENERAL MOTORS CORP 300 TAYLOR ST DATTON 1 OHIO GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE KY HOTPOINT CO 5600 W TAYLOR ST CHI-CAGO UL

CAGO ILL

Jordan Refrigerator Co 7900 Tabon Road Phil-adelphia 11 Pa Lakeside Industries E Charles St Rice Lake

Wia NORGE DIV BORG-WARNER CORP RM 234 MDSE MART CHICAGO ILL Peirce-Phelps 59th & Upland Way Philadelphia 23 Pa

25 Fa Phileo Corp Tioga & C Sts Philadelphia 34 Pa **REVCO INC DEERFIELD MICH** Victor Prod Corp 901 Pope Ave Hagerstown

Victo Md

Whirlpool-Seeger Corp St Joseph Mich WESTINGHOUSE ELECTRIC CORP 246 E FOURTH ST MANSFIELD OHIO

#### FRONTS, STORE

Brasco Mfg Co 152nd & Commercial Harvey Ill Cupples Prod Corp 2650 S Hanley Rd St Louis Mo

Davidson Enamel Prod Inc 800 E Kibby St Lima Ohio entron Industries Inc 2801 Market St Seattle

Lima June Fentron Industries Inc 2891 annual 7 Wash General Porcelain Enameling & Mfg Co 2700 N Karlov Ave Chicago III Ingram-Richardson Mfg Co 32nd St Beaver P-th. Pa

MICH LIBBEY-OWENS-FORD

A WARER CO 1105 N FRONT ST NILES MICH LIBBEY-OWENS-FORD GLASS CO 608 MADISON ST TOLEDO 3 OHIO Nateor Store Fronts 15 Fourth St Taunton Mass PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Ray-O-Lite Corp of America 316 Peachtree NE Atlanta Ga Bippolite Plastics Prod Inc 3910 Cohasset St Burbank Calif Scaporeel Metals Inc Borden Ave & Dutchkills Long Island City NY Variety Mfg & Engr Co 810 W Fulton St Chiteago 7 III Wolverine Porcelain Enameling Co 3350 Scot-ten Ave Detroit 10 Mich

#### **FURNACE PIPE & FITTINGS**

A & A REGISTER CO 8327 CLINTON RD CLEVELAND 9 OHIO Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich

Badger Corrugating Co 1801 W Ave "S" La Crosse Wis Berger Furnace Corp Fourth & Main St Belle Vernon Pa

Berger Furnace Corp Fourth & Main St Belle Vernon Pa Char-Gale Mfg Co Route 2 Anoka Minn Cincinnati Sheet Metal & Roofing Co 230 E Front St Cincinnati 2 Ohio CLAYTON & LAMBERT MFG CO 1701 DIXIE HWY LOUISVILLE 10 KY Green Colonial Furnace Co 322 SW Third St Des Moines Iowa Henry Furnace Co Medina Ohio

Des Moines Iowa Henry Furnace Co Medina Ohio INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS Jettronaire Inc 1100 E Warrington Pittsburgh

Jettronaire Inc 1100 E Warrington Pittsburgh 10 Pa Krauser-Boyd Inc 553 River Rd North Tona-wanda NY La Crosse Steel Roofing Co 227 Jay St La Crosse Wis LENNOX INVESTRIES INC 200 S 12TH AVE

LENNOX INDUSTRIES INC 200 S 12TH AVE MARSHALLTOWN IOWA Lyon Conklin & Co Inc Race & McComas Sts Baltimore 30 Md

Baltimore 30 Md AJESTIC CO INC HALL ST HUNTING-MAJESTIC MAJESTIC CO INC HALL ST HUNTING-TON IND METALBESTOS DIV WALLACE (WM) CO PO BOX 37 BELMONT CALIF Meyer (F & B R) Co 308 S Commercial Peoria III

Peoria III MUELLER CLIMATROL CORP 2005 W OKLAHOMA ST MILWAUKEE 15 WIS Northwest Metal Prod Inc 55 Spokane St Seattle 4 Wash OLSEN (C A) MFG CO FILBERT ST ELY-RIA OHIO

RIA OHIO Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa Reeves Steel & Mfg Co 6 Iron Ave Dover Ohio Sioux Steel Co Sioux Falls SD Steel City Furnace Corp Springdale Pa United States Register Co 344 E Burnham St

Steel City Furnace Corp Springdale Pa United States Register Co 344 E Burnham St Battle Creek Mich Wheeling Corrugating Co 1134 Market St Wheeling W Va WILLIAMSON CO 2500 MADISON RD CIN-CINNATI 9 OHIO

(See Furnaces, Suspended)

MAJESTIC CO INC HALL ST HUNTING-

American Foundry & Furnace Co 121 N Me-Clun St Bloomington III American-Standard Air Conditioning Div

Elyria Ohio Anchor Div Stratton & Terstegge Co 300 Cul-bertson Ave New Albany Ind ARMSTRONG FURNACE CO 851 W THIRD AVE COLUMBUS 8 OHIO Berger Insulation Co Inc 5920 Centre Ave Pittsburgh 6 Pa Berger Furnace Corp 4th & Main St Belle Vernon Pa Century Engr Corp 401 Third SE Codea Ber

Century Engr Corp 401 Third SE Cedar Rap-ids Iowa

ids Iowa Front Rank Mfg Co Div Liberty Fndy Co 2500 Ohio Ave St Louis 4 Mo Front Rank Mfg Co 7600 Vulcan St St Louis

11 Mo Green Colonial Furnace Co 322 SW Third St Des Moines Iowa HEIL CO 3000 W MONTANA ST MILWAU-KEE 2 WIS Henry Furnace Co Medina Ohio Hess Co 1855 S 54th Ave Chicago 50 Ill Ingersoll Conditioned Air Div Borg-Warner Corp 760 E Vine St Kalamazoo Mich International Heater Co 101 Park Ave Utica

IRON FIREMAN MFG CO 3170 W 106TH ST

IRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO JACKSON & CHURCH CO 321 N HAMILTON ST SAGINAW MICH JANITROL HEATING & AIR CONDITION-ING DIV SURFACE COMBUSTION CORP 400 DUBLIN AVE COLLMBUS 16 OHIO Jetronaire Inc 1100 E Warrington Pittaburgh 10 D

METROMATIC MFG CO 15 WINCHESTER

ST MEDFORD MASS Meyer Furnace Co 1300 S Washington Peoria

III UTELLER CLIMATROL CORP 2005 W OKLAHOMA ST MILWAUKEE 15 WIS actI-US Radiator Corp 223 Central Ave Johnstown Pa IAGARA FURNACE DIV FOREST CTTY FOUNDALES 2500 W 27TH ST CLEVE-

Johnstown Pa NIAGARA FURNACE DIV FOREST CITY FOUNDRIES 2500 W 27TH ST CLEVE-LAND 13 OHIO OLSEN (C A) MFG CO FILBERT ST ELY-RIA OHIO

AMERICAN BUILDER

FURNACES, CONVERTIBLE, COAL, OIL OR GAS

FURNACES, ATTIC

Elvria Ohio

11 Mo

MUELLER Nat

FURNACES, CHIMNEY

RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ Rybolt Heater Co 615 Miller St Ashland Ohio Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio WILLIAMMON CO 2500 MADISON RD CIN-

CINNATI 9 OHIO forsham Co Inc 3923 Ashworth St Lakewood 11 Calif \$87

#### FURNACES, COUNTERFLOW LINITS

American Foundry & Furnace Co 125 N McClungSt Bloomington III American-Standard Air Conditioning Div

American Standard Air Conditioning Div Elyria Ohio Anchor Div Stratton & Terstegge Co 300 Cul-bertson Ave New Albany Ind ARMSTRONG FURNACE CO 551 W THIRD AVE COLUMBUS & 0HIO Auburn Foundry Co Ine Heat Div Dallas & 11th St Auburn Ind Berger Furnace Corp 4th & Main Sts Belle Vernon Pa BRYANT HEATER CO 48 MONUMENT GIRCLE INDIANAPOLIS 4 IND Carrier Corp 302 S Geddes St Syracuse 1 NY

Carrier Corp 302 S Geddes St Syracuse 1 NY Century Engr Corp 401 Third SE Cedar Carrie. Century

Cantury Engr Corp 401 Third SE Cedar Rapids Iowa CHATTANOOGA ROYAL CO FIRST & DEL-MAR STS CHATTANOOGA 6 TENN CLEVELAND STEEL PROD CO 16025 BROOKPARK RD CLEVELAND 11 OHIO COLEMAN CO INC 230 N ST FRANCIS WICHITA 1 KANS Conco Engr Works Div Conkey (H D) Co 1940 Thomas St Mendota III DAY & NIGHT MFG DIV 700 ROYAL OAKS DR MONROVIA CALIF DELCO APPLIANCE DIV LYELL & WHIT-NEY ST ROCHESTER NY Delta Heating Corp. Cole St Trenton S NJ Dowagiae Steel Furnace Co Dowagiae Mich Dravo Corp Machinery Div Dravo Bidg Pitts-burgh 22 Pa Duo-Therm Div Mt Hope & Washington Lan-sing 3 Mich ENCIP CO 918 FREEBURG AVE BELLCUILE ILL Fluid Heat Div Anchor Post Prod 6500 East-ern Ave Baltimore 24 Md Front Rank Mfg Co Div Liberty Foundry Co 2500 Ohio Ave St Louis 4 Mo CENERAL ELECTRIC CO 5 LAWRENCE ST BLOOMFIELD NJ Gibson Refrigerator Co 515-615 W Williams Greenville Mich

GENERAL ELECTRIC CO 5 LAWRENCE ST BLOOMFIELD NJ Gibson Refrigerator Co 515-615 W Williams Green Volonial Furnace Co 322 SW Third St Des Moines Iowa HEIL CO 3000 W MONTANA ST MILWAU-KEE 2 WIS Henry Furnace Co Medina Ohio Hess Co 1855 S 54th Ave Chicago 50 Ill HOLLAENDER MFG CO 3841 SPRING GROVE CINCINNATI 23 OHIO HOLLY MFG CO 885 S ARROYO PKWY PASADENA 2 CALIF Ingersoll Conditioned Air Div Borg-Warner Corp 769 E Vine St Kalamazoo Mich International Heater Co 101 Park Ave Utica NY International Heater Co 3800 Park Ave St Louis 10 Mo JACKSON & CHURCH CO 321 N HAMILTON

International Oil Burner Co 3800 Park Ave St Louis 10 Mo JACKSON & CHURCH CO 321 N HAMILTON ST SAGINAW MICH JANITROL HEATING & AIR CONDITION-ING SURFACE COMBUSTION CORP 400 DUBLIN AVE COLUMBUS 16 OHIO Jettronaire Inc 1100 E Warrington Pittsburgh 10 Pa KAUSTINE FURNACE & TANK CO 1492 WASHINGTON AVE PERRY NY Ko-Z-Aire Prod Inc 401 W Coolbaugh St Red Oak Iowa

Ko-Z-Aire Frod Inc 401 W Comman Oak lowa Kresky Mfg Co Second & II Sts Petaluma Calif LENNOX INDUSTRIES INC 200 S 12TH AVE MARSHALLTOWN IOWA LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALIF Meyer Furnace Co 1300 S Washington Peoria

wis val MUELLER

UELLER CLIMATROL CORP 2005 OKLAHOMA ST MLLWAUKEE 15 WI8 atl-US Radiator Corp 223 Central Johnstown Pa LGARA FUENCE Nat

Johnstown Pa NIAGARA FURNACE DIV FOREST CITY FOUNDRIES 2500 W 27TH ST CLEVE-LAND 13 OHIO NORMAN PROD CO 1150 CHESAPEAKE COLUMBUS 12 OHIO OLSEN (C A) MFG CO FILBERT ST ELYRIA OHIO

OHIO Patten (J V) Co 550 DeKalb Ave Sycamore IB Payne Div Carrier Corp 700 Royal Oaks Dr Monrovia Calif PERFECTION INDUSTRIES DIV HUPP CORP 7609 PLATT AVE CLEVELAND

CORP 7609 PLATT AVE CLEVELAND 4 OHIO RHEEM MFG CO 7600 S KEDZIE AVE CHI-CAGO 29 ILL RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ Royal Jet Inc 1024 Westminster Alhambra Calif Rubal Meteor

Rybolt Heater Co 615 Miller St Ashland Ohio

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Steel City Furnace Corp Springdale Pa Ving Mfg Corp 1747 Chester Ave Cleveland 14 Ohio Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind

Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind WILLIAMSON CO 3500 MADISON RD CIN-CINNATI 9 OHIO York-Shipley Inc PO Box 340 York Pa

#### FURNACES, FLOOR

ARMSTRONG FURNACE CO 851 W THIRD AVE COLUMBUS 8 0H10 BRYANT HEATER CO 48 MONUMENT CIRCLE INDIANAPOLIS 4 IND CAVALIER CORP 341 W FIRST ST CHATTA-NOOGA TENN COLEMAN CO INC 250 N ST FRANCIS WICHITA 1 KANS Delta Heating Corp 1 Cole St Trenton 8 NJ EMPIRE STOVE CO 918 FREEBURG AVE BELLEVILLE ILL Excelsior Stove & Mfg Co 534 S Front St Quincy III Front Rank Mfg Co 7600 Vulcan St St Louis 11 Mo

Front Kank Mfg Co 7600 Vulcan St St Louis 11 Mo General Automatic Prod Corp 2300 Sinclair Lane Baltimore 13 Md Gillen (J L) Co 12202 Wormer Ave Detroit 28 Mich

Glenwood Range Co 300 W Water St Tauntdn

Mass Mass HOLLY MFG CO 875 ARROYO PKWY PASA-DENA 2 CALIF PRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO JANITROL HEATING & AIR CONDITION-ING DUS URFACE COMBUSTION CORP 400 DUBLN AVE COLUMBUS 16 OHIO King Stove & Range Co PO Box 271 Sheffield Kreake Mfc Co

Alla SLOVE & Range Co PO Box 271 Shemeled Ala Kresky Mfg Co Second & H Sts Petaluma Calif Kresno-Stamm Mfg Corp 115 W Palisades Blvd Palisades Park NJ LENNOX INDUSTRIES INC 200 S 12TH AVE MARSHALLTOWN 10WA LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALIF Mt Vergnon Furnace & Mfg Co 1st & Castleson St Mt Vernon II Nat<sup>1</sup>-US Radiator Corp 223 Central Ave Johnstown Pa Northwest Metal Prod Inc 55 Spokane St Seat-tle 4 Wash

W.

tle 4 Wash OHIO FOUNDRY & MFG CO 629 SLACK ST STEUBENVILLE OHIO Payne Div Carrier Corp 700 Royal Oaks Dr Monrovia Calif PERFECTION INDUSTRIES DIV HUPP COMP 7609 PLATT AVE CLEVELAND 4

OHIO

Premier Furnace Co Box 150 Dowagiae Mich PREWAY INC 1430 SECOND ST N WISCON-SIN RAPIDS WIS QUAKER MFG CO 1147 MDSE MART CHI-SIN RA

UAKER MFG CO LLC CAGO ILL seen Stove Works Inc 505 Front St Albert

CAGO LLL Queen Stove Works Inc 505 Front St. August Lea Minn RHEEM MFG CO 7600 S KEDZIE AVE CHI-CAGO 29 ILL TEMCO INC 4101 CHARLOTTE AVE NASH-VILLE 9 TENN Viking Mfg Corp 1747 Chester Ave Cleveland 14 Obio

VILLE 9 TENN Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind ZINK (JOHN) CO 4401 S PEORIA TUDSA OKLA

#### FURNACES, GAS OR OIL-FIRED

Aeroil Prod Co Inc 69 Wesley St South Hack-Aeroil Prod Co Inc 69 Wesley St South Hack-ensack NJ AIRTEMP DIV CHRYSLER CORP 1610 WEB-STER ST DAYTON 1 OHIO American Foundry & Furnace Co 125 N Mc-Clun St Bloomington III American-Standard Air Conditioning Div Ely-ria Ohio

ria Ohio

ria Ohio Anchor Div Stratton & Tersteege Co 300 Cul-bertson Ave New Albany Ind ARMSTRONG FURNACE CO 851 W THIRD AVE COLUMBUS 8 OHIO Bard Mfg Co Bryan Ohio Berger Furnace Corp Fourth & Main Ste Belle Vornan Pa

MONUMENT

Vernon Pa BRYANT HEATER CO 48 MONUMENT CIRCLE INDIANAPOLIS 4 IND Carrier Corp 302 5 Geddes 5t Syracuse 1 NY Century Engr Corp 401 Third SE Cedar Rap-

Century Eng. Corp. ids Iowa CLEVELAND STEEL PROD CO 16025 BROOKPARK RD CLEVELAND 11 OHIO COLEMAN CO INC 250 N ST FRANCIS WICHITA 1 KANS COMBUSTIONEER DIV STEEL PRODS ENGR CO 1205 W COLUMBIA ST SPRING-ENGR CO 1205 W COLUMBIA ST SPRING-

ENGR CO 1205 W COLUMBIA ST SPRING-FIELD OHIO Conce Engr Works Div Conkey (H D) Co 1940 Thomas St Mendota III DELCO APPLIANCE DIV GENERAL MO-TORS CORP LYELL & WHITNEY ST ROCHESTER NY

Delta Heating Corp 1 Cole St Trenton 8 NJ Dowagiae Swel Furnace Co Dowagiae Mich Dravo Corp Machinery Div Dravo Bldg Pitts-burgh 22 Pa Duo-Therm Div Mt Hope & Washington Lan-sing 3 Mich

sing 3 Mich Electric Furnace-Man Inc Emmaus Pa EUREKA WILLIAMS CO DIV HENNEY MO-TOR CO BLOOMINGTON ILL Fluid Heat Div Anchor Post Prod 6500 Eastern Ave Baltimore 24 Md Front, Rank Mfg Co 7600 Vulcan St St Louis

TOR CO BLOOMINGTON ILL
Fluid Heat Div Anchor Post Prod 6500 Eastern Ave Baltimore 24 Md
Front Rank Mfg Co 7600 Vulcan St St Louis 11 Mo
General Automatic Prod Corp 2300 Sinclair Lane Baltimore 13 Md
GENERAL ELECTRIC CO 5 LAWRENCE ST BLOOMFIELD NJ
Gilbert & Barker Mfg Co Cold Springs Ave Springfield Mass
Green Colonial Furnace Co 322 SW Third St Des Moines Iowa
Hart Heat Div Avery Farm Machy Co Ft of Junction St Peoria III
Harvey-Whipple Inc 2155 Columbus Ave Springfield Mass
Green Colonial Furnace Co 322 SW Third St Des Moines Iowa
Hart Heat Div Avery Farm Machy Co Ft of Junction St Peoria III
Harvey-Whipple Inc 2155 Columbus Ave Springfield Mass
HEIL CO, 3000 W MONTANA ST MILWAU-KEE 2 WIS
Henry Furnace Co Medina Ohio
Hess Co 1855 S 54th Ave Chicaro 50 III
Holland Furnace Co Holland Mich
Illinois Iron & Bolt Co Carpentersville III
Insersoll Conditioned Air Div Borg-Warner Corp 760 E Vine St Kalamazoo Mich
International Heater Co 101 Park Ave Utica NY
International Oil Burner Co 3800 Park Ave St Louis 10 Mo
IRON FIREMAN MFG CO 321 N HAMILTON ST SAGIN AW MICH
JACKSON & CHURCH CO 321 N HAMILTON ST SAGIN AW MICH
JACKSON & CHURCH CO 321 N HAMILTON ST SAGIN AW MICH
JANTRON AVE GELUMBUS 16 OHIO Jetronaire Inc 1100 E Warrington Pittsburgh
JACKSON & CHURCH CO 321 N HAMILTON ST SAGIN AW MICH
JANTRON AVE GOLUMBUS 16 OHIO Jetronaire Inc 4010 W Coolbaugh St Reed Oak Iowa
Kreaky Mfg Co 2nd & H Sts Petaluma Calif Kreano-Stamm Mfg Corp 115 W Palisades Blvd Falisades Park NJE
LENNOX INDUSTRIES INC 200 S 12TH AVE MASHALLTOWN 10WA
LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALF
MAJESTIC CO INC HALL ST HUNTINGTON IND
METROMATIC MFG CO 15 WINCHESTER ST DEFORMATIC MASS

IND METROMATIC MFG CO 15 WINCHESTER ST MEDFORD MASS Meyer Furnace Co 1300 S Washington Peoria III

Montag Inc 2011 N Columbia Blvd Portland

17 Ore MORRISON STEEL PROD INC 601 AM-HERST ST BUFFALO 7 NY MUELLER CLIMATROL CORP 2005 W OKLAHOMA ST MILWAUKEE 15 W18 National Airoil Burner Co 1284 E Sedgley Ave Philadelphia 34 Pa Nat'l-US Radator Corp 223 Central Ave Johnstown Pa

National Control Corp 223 Central Ave Johnstown Pa NIAGARA FURNACE DIV FOREST CITY FOUNDRIES CO 2500 W 27TH ST CLEVE-LAND 13 OHIO OLSEN (C A) MFG CO FILBERT ST ELY-RIA OHIO Patter (I V) Co 550 Dekalt Ave Successor

Patten (J V) Co 550 DeKalb Ave Sycamore

III PENN BOILER & BURNER MFG CORP FRUITVILLE RD LANCASTER PA PERFECTION INDUSTRIES DIV HUPP CORP 7609 PLATT AVE CLEVELAND 4

OHIO Premier Furnace Co Box 150 Dowagiae Mich PREWAY INC 1430 SECOND ST N WISCON-SIN RAPIDS WIS Queen Stove Works Inc 505 Front St Albert Lea Minn Ouist

Lea Minn Quiet Automatic Burner Corp 33 Bloomfield Ave Newark 4 NJ Ray Oil Burner Co 1301 San Jose Ave San Francisco Calif Reliance Mfg Co Inc PO Box 2231 Portland

Protect and CO life TO BOX 2531 Portname RHEEM MFG CO 7600 S KEDZIE AVE CHI-CAGO 29 ILL RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ Rybolt Heater Co 615 Miller St Ashland Ohio Scaife Co Timken Silent Automatic Div 26 Ann St Oakmont (Pittsburgh Dist) Pa Silent Sioux Corp 208 W College Ave Orange City Iowa

BMITH (A O) CORP PERMAGLAS DIV PO BOX 28 KANKAKEE ILL Steel City Furnace Corp Springdale Pa Thatcher Furnace Co Center St Garwood NJ Turb-O-Tube Furnace Co 204 Rhode Island Buffalo NY.

Buffalo NY iking Mfg Corp 1747 Chester Ave Cleveland

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OHIO

Vil

Waterman-Waterbury Co 1121 Jackson St N

Waterman-Waterbury Co 1121 Jackson St N Minneapolis Minn Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind WILLIAMSON CO 3500 MADISON RD CIN-CINNATI 9 OHIO York-Shipley Inc PO Box 349 York Pa

#### FURNACES, SUSPENDED

AIRTEMP DIV CHRYSLER CORP 1610 WEB-

STER ST DAYTON 1 OHIO merican Foundry & Furnace Co 125 N Mc-Clun St Bloomington III merican-Standard Air Conditioning Div Ely-Δ... Ameri

ria Ohio

ria Ohio Anchor Dio Stratton & Terstegge Co 300 Cul-bertson Ave New Afbany Ind ARMSTRONG FURNACE CO 851 W THIRD AVE COLUMBUS 8 OHIO Auburn Founder Co Inc Heat Div Dallas & Int St Auburn Ind Automatic Gase Equipment Co 301 Brushton Ave Pittsburgh 21 Pa BCAC INCLASSING AND AND AND AND AND BYANT HEATER CO 48 MONUMENT CONCUMENT ON THEATER CO 48 MONUMENT Construct Ener Corn 401 Third SE Codar Ramids

CIRCLE INDIANAPOLIS 4 IND Century Engr Corp 401 Third SE Cedar Rapids

Iowa Iowa CHATTANOOGA ROYAL CO FIRST & DEL-MAR STS CHATTANOOGA 6 TENN CLEVELAND STEEL PROD CO 16025 BROOKPARK RD CLEVELAND 11 OHIO COLEMAN CO INC 230 N ST FRANCIS WICHITA 1 KANS Cox Mfg Co N Walnut St Ridgville Ind DELCO APPLIANCE DIV GENERAL MO-TORS CORP LYELL & WHITNEY ST ROCHESTER NY Delta Heating Corp 1 Cole St Trenton 8 NJ Dowagiae Steel Furnace Co Dowagiae Mich Dravo Corp Machinery Div Dravo Bildg Pitts-burgh 22 Pa

Dravo Corp Machinery Div Dravo Bidg Pitts-burgh 22 Pa EMPIRE STOVE CO 918 FREEBURG AVE BELLEVILLE ILL Fluid Heat Div Anchor Post Prod 6500 Eastern Ave Baltimore 24 Md Front Rank Mfg Co Div Liberty Fndy Co 2500 Ohio Ave St Louis 4 Mo Front Rank Mfg Co 760 Vulcan St St Louis 11 Mo

Front Rank Mfg Co Div Liberty Fndy Co 2500 Ohio Ave St Louis 4 Mo Front Rank Mfg Co 760 Vulcan St St Louis 11 Mo Green Colonial Furnace Co 322 SW Third St Des Moines Iowa Harrws All Gas Co Allison Iowa Harrws-Whipple Inc 2155 Columbus Ave Springfield Mass HEIL CO 3000 W MONTANA ST MILWAU-KEE 2 WIS Henry Furnace Co Medina Ohio Ingersoll Conditioned Air Div Borg-Warner Corp 760 E Vine St Kalamazoo Mich IRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO JACKSON & CHURCH CO 321 N HAMILTON ST SAGINAW MICH JANITROL HEATING & AIR CONDITION-ING DIV SURFACE COMBUSTION CORP 409 DUBLIN AVE COLUMUS 16 OHIO Berger Furnace Corp Fourth & Main St Belle Vernon Fa Chicago Fire Brick Co 1467 N Elston Chicago 22 III Gilbert & Barker Mfg Co Cold Springs Ave W Springfield Mass

Gilbert & Barker Mfg Co Cold Springs Ave W Springfield Mass Jettronaire Inc 1100 E Warrington Pittsburgh

Jettronaire ine flor 2 Karte & TANK CO 1492 10 Pa KAUSTINE FURNACE & TANK CO 1492 WASHINGTON AVE PERRY NY Ko-Z-Aire Prod Ine 401 W Coolbaugh St Red Oak Jowa

LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALIF Meyer Furnace Co 1300 S Washington Peoria

MUELLER CLIMATROL CORP 2005 W OK-

MÜELLER CLIMATROL CORP 2005 W OK-LAHOMA ST MILWAUKEE 15 WIS National-US Radiator Corp 223 Central Ave Johnstown Pa NIAGARA FURNACE DIV FOREST CITY FOUNDRIES CO 2500 W 27TH ST CLEVE-LAND 13 OHIO NORMAN PROD CO 1150 CHESAPEAKE COLUMBUS 12 OHIO OLSEN (C A) MFG CO FILBERT ST ELY-RIA OHIO Patten (J V) CO 550 DEKalb Ave Sveamore III

RIA OHIO Patten (J V) Co 550 DeKalb Ave Sycamore Ill EERFECTION INDUSTRIES DIV HUPP CORP 7609 PLATT AVE CLEVELAND 4

OHIO

OHIO Quiet Automatic Burner Corp 33 Bloomfield Ave Newark 4 NJ REZNOR MFG CO DAVID ST MERCER PA RHEEM MFG CO 7600 S KEDZIE AVE CHI-CAGO 33 ILL RICHMOND RADIATOR CO PO BOX 111

CAGO 19 ILL RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ Rybolt Heater Co 615 Miller St Ashland Ohio TEMCO INC 4101 CHARLOTTE AVE NASH-VILLE 9 TENN Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio

Viking M 14 Ohio 14 Ohio Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind

WILLIAMSON CO 3500 MADISON RD CIN-CINATI 9 OHIO York-Shipley Inc PO Box 349 York Pa

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CHATTANOOGA ROYAL CO FIRST & DEL-MAR STS CHATTANOOGA 6 TENN COLEMAN CO INC 250 N ST FRANCIS WICHITA 1 KANS

WICHITA I BANS Delta Heating Corp 1 Cole St Trenton 8 NJ ELECTROMODE DIV COMMERCIAL CON-TROLS CORP 45 CROUCH ST ROCHESTER EMPIRE STOVE CO 918 FREEBURG AVE

EMPIRE STOVE CO 918 FREEBURG AVE BELLEVILLE ILL Harms All Gas Co Allison Iowa IRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO Kresky Mfg Co Second & H Sts Petaluma Calif LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALIF Northwest Metal Prod Inc 55 Spokane St Seattle 4 Wash OHIO FOUNDRY & MFG CO 629 SLACK ST STENBENVILLE OMIO PERFECTION INDUSTRIES DIV HUPP CORP 7609 PLATT AVE CLEVELAND 4 OHIO OHIO

Queen Stove Works Inc 505 Front St Albert Lea Mins RHEEM MFG CO 7600 S KEDZIE AVE CHI-CHICAGO 29 ILL Royal Jet Inc 1024 Westminster Alhambra Calif Stove Works Inc 505 Front St Albert

Silent Sioux Corp 208 W College Ave Orange

TEMCO INC 4101 CHARLOTTE AVE NASH-VILLE 9 TENN

Williams Furnace Co Box 577 Buena Park Calif

#### FURNITURE, BUILT-IN

BIANCO MFG CO 2736 VICTOR ST ST LOUIS MO

4 MO Dormalux Co Buffalo NY EMPIRE STOVE CO 918 FREEBURG AVE BELLEVILLE ILL

BELLEVILLE ILL General Wood Works 105 S 31st St Council Bluffs Iowa Hyde-Murphy Co Murphy Bldg Ridgway Pa Ideal Co 24th & Mary Sts Waco Texas Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis

#### FUSE BOXES, ELECTRIC SERVICE

Adam (Frank) Electric Co Box 357 Main PO St Louis Mo Columbia Metal Box Co 260 E 143rd St New York 51 NY

Cutler Hammer Inc 201 N 12th St Milwaukee

YOR 51 N. Cutler Hammer Inc 201 N 12th St Milwausee 1 Wis Electrical Engr Equipment Co Division St Meirose Park III Federal Pacific Electric Co 50 Parris St New-ark 1 NJ Federal Pacific Electric Co 4444 Clayton Ave St Louis 10 Mo GENERAL ELECTRIC CO TRUMBULL COM-PONENTS DEPT PLAINVILLE CONN KEES (F D) MFG CO 700 PARK AVE BEA-TRICE NEB Keystone Mfg Co 23328 Sherwood Ave Center-line Mich

Square D Co 6060 Rivard Detroit 11 Mich Utility Service Co Inc 921 13th Racine Wis

# GARAGES, PREFABRICATED

Bennett Lumber Corp Oliver & NYC RR North LUMBER FABRICATORS INC FT PAYNE

ALA WADSWORTH HOMES INC 2949 CHRYSLER

RD KANSAS CITY KANS

#### GARBAGE DISPOSERS

AMERICAN KITCHENS DIV AVCO MFG CORP 18TH & COLUMBIA CONNERS-CORP 18TH VILLE IND

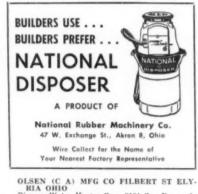
CORF 181H & COLCADIA CONNERS-VILLE IND
 Berger (Thomas W) Inc 6 E Fourth St Cincin-nati Ohio
 Crane Co 836 5 Michigan Chicago 5 Ill
 CROSLEY DIV AVCO MFG CORP 1329 AR-LINGTON ST CINCINNATI 25 OHIO
 EUREKA WILLIAMS CO DIV HENNEY MO-TOR CO BLOOMINGTON ILL
 GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY
 GIVEN MFG CO 3301 FRUITLAND AVE LOS ANGELES 58 CALIF
 HOTPOINT CO 5809 W TAYLOR ST CHI-CAGO 41 ILL
 Ingeraoll Conditioned Air Div Borg-Warner Corp 760 E Vine St Kalamazon Mich
 In-Sink-Erator Co 1225 14th St Racine Wis James Inc Independence Kans Jeffrey Mfg Co 771 N Fourth St Columbus 16
 Ohio

Ohio

Ohio Kelvinator Div American Motors Co 14250 Plymouth Rd Detroit 32 Mich LOCKLEY MACHINE CO NEW CASTLE PA

MULLINS MFG CORP UNIVERSITY ST WARREN OHIO National-US Radiator Corp 223 Central Ave

ALIONAL RUBBER MACH CO PLUMB-ING EQUIPT DIV 47 W EXCHANGE ST AKRON 8 OHIO NATIONAL



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RIA OHIO ioneer Water Heater Corp 3131 San Fernando Los Angeles 65 Calif ueen Stove Works Inc 505 Front St Albert Queen

Les Minn Schaible Co 5801 Marimont Ave Cincinnati 4

- UNIVERSAL-RUNDLE CORP BOX 960 NEW
- CASTLE PA WESTINGHOUSE ELECTRIC CORP ELEC-TRIC APPLIANCE DIV 246 E FOURTH ST MANSFIELD OHIO WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA

#### GATES, FOLDING

NY

23 Ohio

Wis

M. Ste

Badger Wire & Iron Works Inc 2933 W Cleve-land Milwaukee 15 Wis

land Milwaukee 15 Wis CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO Davis & Sichl Co Box 78 Station A Cincinnati 23 Ohic Fiske (J W) Iron Works 80 Park Pl New York

7 NY ogan Co 201 Cabel St Louisville 6 Ky eyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio tewart Iron Works Inc PO Box 1039 Cincin-nati 1 Ohio

Anchor Post Prod Fence Div 6673 Eastern Ave Baltimere 24 Md
Badger Wire & Iron Works Inc 2933 W Cleve-land Milwaukee 15 Wis
Birmingham Ornamental Iron Co PO Box 1911
Birmingham Ala
CINCINNATI IRON FENCE CO INC 2191
FLORENCE AVE CINCINNATI 4 04160
COFFMAN (R G) CO INC PO BOX 1113 OR-LANDO FLA
Cyclone Fence Dept American Steel & Wire Corp Box 260 Waukegan 1 III
Davis & Siehl Co Box 78 Station A Cincinnati 23 Ohio

25 Onio Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md Fiske (J W) Iron Works 80 Park Pl New York 7 NY

York 7 NY KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL Locke Mfg Co Ohio St Lodi Ohio METAL CRAFTERS E AVE AT 18TH ST CEDAR RAPIDS IOWA Meyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio Stewart Iron Works Ine PO Box 1039 Cincin-nati 1 Ohio

nati 1 Ohio TENNESSEE FABRICATING CO 1490 GRIMES ST MEMPHIS TENN Valley Metal Prod 222 Young St Marseilles 111 Wiemann (Ernest) Iron Works 2035 E 11th Tulsa 4 Okla

Allis Chalmers Mfg Co 1126 S 70th St Mil-waukee 1 Wis Fairbanks Morse & Co 600 S Michigan Ave Chiange 5 11

Chicago 5 III HOMELITE DIV TEXTRON AMERICAN INC 67 RIVERDALE AVE PORT CHESTER NY KATOLIGHT CORP BOX 491-95 MANKATO

Master Mechanic Mfg Co Route 83 Burlington

AMERICAN BUILDER

**GENERATORS, PORTABLE** 

GATES, WROUGHT IRON

MASTER VIBRATOR CO 1752 STANLEY AVE DAYTON OHIO ONAN (D W) & SONS INC UNIVERSITY S AT 25TH MINNEAPOLIS 14 MINN Universal Motor Co 517 Universal Dr Oshkosh Wis

Wis Wilde Drop Porge & Tool Co 2942 Fairmount Ave Kansas City 8 Mo

#### **GLASS, ARCHITECTURAL &** ORNAMENTAL

ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 9 CALIF Bache (Semon) & Co 636 Greenwich St New York 14 NY Blue Ridge Glass Corp PO Box 631 Kingsport

Tenn Dearborn Glass Co 21st & S Western Chicago 8 111

Dearborn Glass Co 21st & S Western Chicago 8 Ill Hagemann Co Ine 2145 Central Pkwy Cincin-nati 14 Ohio International Lighting Co 6511 Easton Ave St Louis 14 Mo Kirlin Co 3435 E Jefferson Detroit 7 Mich LIBBEY-OWENS-FORD GLASS CO 608 MADISON ST TOLEDO 3 OHIO MISSISSIPPI GLASS CO 88 ANGELICA ST ST LOUIS 7 MO Nurre Co Box 19 Bloomington Ind Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLUD PITTSBURGH 22 PA Richards (J Merrill) 25 Huntington Ave Bos-ton 16 Mass

DUQUESNE BLVD PHYSBURGH 22 For Richards (J Merrill) 25 Huntington Ave Bos-ton 16 Mass Russell Reinforced Plastics 521 W Hoffman Ave Lindenhurst LI NY Safetee Glass Co 4717 Stenton Ave Philadelphia

44 Pa Shower Door Co of America 1301 Chatta-hoochee Atlanta Ga United States Glass Co Fourth Ave & Vine St

Tiffin Ohio

#### **GLASS BLOCK**

**OWENS-ILLINOIS GLASS CO PO BOX 1035** TOLEDO 1 OHIO PITTSBURGH COF

DO 1 OHIO URGH CORNING CORP 1 GATE-CENTER PITTSBURGH 22 PA

#### GLASS, COLORED

ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 9 CALIF Bache (Semon) & Co 636 Greenwich St New York 14 NY Cangon Glass Co Ine Marion Ind Franklin Glass Corp PO Box 150 Butler Pa Goshen Sash & Door Co E Purl Goshen Ind LIBBEY-OWENS-FORD GLASS CO 6908 MADISON ST TOLEDO 3 OHIO PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLYD PITTSBURGH 32 PA Russell Reinforced Plastics 521 W Hoffman

Ave Lindenhurst LI NY Ru Hoffman W 521

#### **GLASS, CRYSTAL SHEET**

AMERICAN WINDOW GLASS CO 9 WEST PKWY PITTSBURGH 12 PA Durco Glass Co Union Nat'l Bank Bldg Clarksburg W Va

Fe Clarksburg W Va LIBBEY-OWENS-FORD CO 608

MADISON ST TOLEDO 3 OHIO UPPE Co Box 19 Bloomid 3 OHIO

Nurre Co Box 19 Bloomington Ind PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA

# GLASS, DOUBLE PANE

Bache (Semon) & Co 636 Greenwich St New York 14 NY LIBBEY-OWENS-FORD GLASS CO 608

iche (Semou) York 14 NY IBBEY-OWENS-FORD GLASS MADISON ST TOLEDO 3 OHIO yf-Alum Inc 164 E Wisconsin A CO 608

MADISON ST TOLEDO 3 ONO Lyf-Alum Inc 164 E Wisconsin Ave Ocono-mowoc Wis Nurre Co Box 19 Bloomington Ind PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA

#### **GLASS, PLATE**

Bache (Semon) & Co 636 Greenwich St New York 14 NY Belknap Glass Co 1000 Valley Seattle 1 Wash Franklin Glass Corp PO Box 150 Butler Pa Hagemann Cos Inc 2145 Central Pkwy Cincin-

nati 14 Ohio LIBBEY-OWENS-FORD GLASS MADISON ST TOLEDO 3 OHIO Nurre Co Box 19 Bloomington Ind CO 608

**APRIL 1956** 

PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Safetee Glass Co 4717 Stenton Ave Philadel-phia 44 Pa

#### GLASS, PLATE, HEAT ABSORBING

Bache (Semon) & Co 636 Greenwich St New LIBBEY-OWENS-FORD GLASS CO 608 MADISON ST TOLEDO 3 OHIO MISSISSIPPI GLASS CO 85 ANGELICA ST ST LOUIS 7 MO Nurre Co Box 19 Bloomington Ind Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa

Piladelphia 3 Pa PIITSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PIITSBURGH 22 PA

#### **GLASS, PLATE, INSULATING**

LIBBEY-OWENS-FORD CO 608 CLASS MADISON ST TOLEDO 3 OHIO ITTSBURGH PLATE GLASS CO 622 FOR DUQUESNE BLVD PITTSBURGH 22 PA 632 FORT PIT

#### **GLASS, STRUCTURAL**

ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 9 CALIF Bache (Semon) & Co 636 Greenwich St New York 14 NY

York 14 NY Conroy-Prough Glass Co 1420 Western Ave Pittsburgh 33 Pa Franklin Glass Corp PO Box 150 Butler Pa Hagemann Cos Inc 2145 Central Pkwy Cincin-

LIBBEY-OWENS-FORD GLASS CO 608 MADISON ST TOLEDO 3 OHIO MISSISSIPPI GLASS CO 80 ANGELICA ST ST LOUIS 7 MO Nurre Co Box 19 Bloomington Ind Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa PITTSBURGH PLATE COMPARENT

Philadelphia 3 Pa PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA

#### **GLASS SUBSTITUTE**

ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 9 CALIF

ST SAN DIEGO 9 CALIF Arvey Corp R-V Lite Div 3500 N Kimball Ave Chicago 18 Ill BARCLAY MFG CO INC 385 GERARD AVE NEW YORK 51 NY CHEMOLD CO 2000 COLORADO AVE

COLORADO AVE

CHEMOLD CO 2000 COLORADO AVE SANTA MONICA CALIF Clark Wire & Supply Co 1638 E Pulaski Chicago 23 Ill FILON PLASTIC CORP 2051 E MAPLE AVE EL SECUNDO CALIF Flex-O-Glass Inc 1100 N Cicero Ave Chicago

III

51 III Henschel (C B) Mfg Co 229 W Mineral Mil-waukee 4 Win INTERNATIONAL MOLDED PLASTICS 4387 W 35TH ST CLEVELAND 9 OH10 Peerless Mfg Co Inc 2100 N 11th St Reading

Pa RESOLITE CORP ZELIENOPLE PA Rippolite Plastics Prod Inc 3910 Cohasset St Burbank Calif Russell Reinforced Plastics 521 W Hoffman Ave Lindenhurst LI NY Sol-O-Lite Laminating Corp 4301 W North Ave Chiageo 39 III

Ave Chicago 39 Ill Spun Lite Corp 7395 NV Turner Bros Bladen Neb NW 34th Ct Miami Fla

#### GLASS, WINDOW, WIRE

Bache (Semon) and Co 636 Greenwich St New 14 N3

Blue Ridge Glass Corp PO Box 631 Kingsport Blue Rioge Glass Corp FO Los et al. Tenn Conroy-Prough Glass Co 1420 Western Ave Pittsburgh 33 Pa Dearborn Glass Co 21st & S Western Chicago

8 III Goshen Sash & Door Co E Purl Goshen Ind Hagemann Cos Inc 2145 Central Pkwy Cincin-nati 14 Ohio LIBBEY-OWENS-FORD GLASS CO 608

nati 14 Ohio LIBEEY-OWENS-FORD GLASS CO 608 MADISON ST TOLEDO 3 OHIO MISSISSIPPI GLASS CO 88 ANGELICA ST ST LOUIS 7 MO Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA

#### **GLAZING COMPOUNDS**

Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich ARCO CO 7391 BESSEMER CLEVELAND 4 OHIO

Armstrong Co 1001 E 103rd St Chicago 28 Ill BALTZ (R N) & CO 1009 HARVARD TER EVANSTON ILL Biddle Co 608-624 S Main St Louis 2 Mo Brigge-Maroney Co Inc 85 Paris St Everett 49

Mans CALBAR PAINT & VARNISH CO 2612-26 N MARTHA PHILADELPHIA 25 PA Concor Co 4550 Main St Kansas City Mo Dad & Lad Co FO Box 285 New Lenox III DICKS-PONTIUS CO 5300 HUBERVILLE RD DAYTON OHIO

DAYTON OHIO Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa Gagnon Clay Prod Co 526 S Broadway Green

Gagnon Clay Prod Co bay b Bay Wis Gibson-Homans Co 2366 Woodhill Rd Cleve-Gibson-Homans Co 2366 Woodhill Rd Cleve-

Ohio

Ohio Gordon Chemical Co Inc 1100 Hickory Kansas City 7 Mo Harrison Paint & Varnish Co 1329 Harrison S W Canton 1 Ohio Horn (AC) Co Inc 252 Townsend St San Francisco Culif Horn (A C) Co Inc 10th St & 44th Long Island City 1 NY & FKing & Co Inc 640 Pleasant St Nor-wood Mass Landon Dutty Works 45 Inving St Moldon

Landen Putty Works 45 Irving St Malden Mass Lasting Prod Co Franklintown Rd Baltimore

23 Md LOWE BROS 436 E THIRD ST DAYTON 2 OHIO

OHIO MACKLANBURG-DUNCAN CO 4041 1 SANTA FE OKLAHOMA CITY OKLA Mar-Kay Mfg Co 2715 S Second St St Louis M McGuffie (W S) & Co 3400 Theurer Ct Cleve N Ma

land 9 Ohio Monroe Co Inc 10703 Quebec Ave Cleveland 6 Ohio

Mortell (J W) Co 550 N Hobbie Ave Kankakee

III Parker (Ira) & Sons Oshkosh Wis Pecora Paint Co Inc Fourth St & Rdg RR Philadelphia 40 Pa PITTSBURGH PLATE GLASS CO 622 FORT DUQUESNE PITTSBURGH 22 PA Plastic Prod Co 6473 Georgia Ave Detroit 11 Mich.

Mich

Presstite 10 Mo te Engr Co 3900 Chouteau Ave St Louis

10 Mo Sonneborn & Sons Bldg Prod Div 404 Fourth Ave New York 16 NY STERLING PAINT & VARNISH CO 184 COMMERCIAL ST MALDEN 48 MASS Stonhard Co 1306 Spring Garden Philadelphia

Stonnard Co 1306 Spring Garden Philadelphia 23 Pa Sullivan Co 212 E Trigg Memphis 2 Tenn Tamms Industries Inc 228 N La Salle St Chicago 1 Ill Tremeo Mfg Co 8701 Kinsman Rd Cleveland Ohio

Ohio Truscon Lab Div Devoe & Raynolds Caniff at Grand Trunk Detroit 11 Mich United Gilsonite Lav 1396 Jefferson Ave Scranton 1 Pa Webb Prod Co 216 S "G" St San Bernardino

Calif Jisconsin Face Brick & Supply 4485 N Green Bay Milwaukee Wia

BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY Borden Co Chemical Div 350 Madison Ave New York 17 NY Commerical Paste Co Buttles at Michigan Columbus 8 Ohio Consumers Glue Co 1515 Hadley St Louis 6 Mo Crescent Prod Co 315 N 14th St Terre Haute Ind

Franklin Glue Co 119 W Chestnut St Colum-

Franklin Glue Co 119 W Chestnut St Columbus 4 Ohio Fuller (H B) Co 181 W Kellogg Blvd St Paul 2 Minn Hayes Adhesives Co Inc 4159 Union Blvd St Louis 15 Md Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 III Lacton Glue Mfg Co 611 Broadway New York 12 NY LORDE Inc 144 Free Ave Clouvester 41 Man

Lacton Giue Jing Co or Andreas 12 NY LePage Inc 144 Easex Ave Gloucester 41 Mass Monite Waterproof Glue Co 1093 Monite Bldg Minneapolis Minn Monsanto Chemical Co 1700 S Second St St Louis 4 Mo Nat'l Adhesive Div Nat'l Starch Prod 268 Madison Ave New York 16 NY National Casein Sales 601 W 80th St Chicago 20 11

20 III Perkins Glue Co 652 Cannon Ave Lansdale Pa PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE RLVD PITTSBURGH 22 PA DUQUESNE RLVD PITTSBURGH 22 PA

Plytex Corp 1731 Elston Ave Chicago 22 Ill RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS Tamma Industries Inc 228 N La Salle St Chi-

cago 1 Ill UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY Webb Prod Co 216 S "G" St San Bernardino

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Wis

#### **GLUERS, ELECTRONIC**

Bell Machine Co 63 Jackson Dr Oshkosh Wis Diehl (GM) Machine Works 981 S Wabash St Wabash Ind

HEATING CORP SS NEED. FLECTRONIC LECTRONIC HEATING CORP 66 NEED-HAM ST NEWTON HIGHLANDS MASS uskegon Machine Co Inc S Robinson Ave Newburgh NY M

Reeve Electronics Inc 617 W Lake St Chicago

TIE Westinghouse Electric Corp Box 868 Pitts-

Westinghouse Electric Corp Box 505 Fits-burgh Pa WORKRITE PRODS CO 808 W DORAN ST GLENDALE 3 CALIF LePage Inc 144 Essex Ave Gloucester 41 Mass MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY Monite Waterproof Glue Co 1093 Monite Bidg Minneapolis Minn Monsanto Chemical Co 1700 S Second St St

Monsanto Chemical Co 1700 S Second St St Louis 4 Mo Monsanto Chemical Co Plastic Div 911 West-ern Ave Seattle 4 Wash Nat'l Adhesive Div Nat'l Starch Prod 268 Madison Ave New York 16 NY Nicholson & Co 161 First St Cambridge 42

Mass Paxton (Frank) Lbr Co 6311 St John Ave Kanaas City Mo Perkins Glue Co 652 Cannon Ave Lanadale Pa PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Paisley Prod Inc 1770 S Canalport Chicago 16 TU Pais. Ill

Corp 1731 Elston Ave Chicago 22 Ill IS PLYWOOD CORP 1155 PALMETTO RODDIS MARSHFIELD WIS

MARSHFIELD WIS Sauereisen Cement Co 1045 N Canal St Pitts-burgh 15 Pa Standard Paste & Glue Co Inc 3620 W 38th St

Chicago 32 Ill Stay-Tite Prod Co 9400 Steinway Ave Cleve-land 4. Ohio

UNITED

NITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

#### GRATINGS

dams Co PO Box 268 Dubuque Iowa Illen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich Allen

American Foundry & Mfg Co 1015 Herbert St

American Foundry & Mfg Co 1015 Herbert St St Louis 7 Mo CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO Cunningham Machinery Corp 725 Ricou St Shreveport La Davis & Sichl Co Box 78 Sta A Cincinnati 23 Obio Obi

Ohio Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md DONLEY BROTHERS CO 13910 MILES AVE

CLEVELAND 5 OHIO ravo Corp Machinery Div Dravo Bldg Pitts-

Dravo Corp Machinery Div Dravo Bldg Futs-burgh 22 Pa Harvard Metal Prod Inc 97-99 Reading St

Harvard Metal Prod Inc 97-99 Reading St Boston Mass Hendrick Mfg Co Dundaff St Carbondale Pa Industrial Iron Works PO Box 4625 Portland

2 Ore Logan Co 201 Cabel St Louisville 6 Ky Marion Machine Foundry & Supply Co Marion

ers (Fred L) Mfg Co 1176 Hooven Ave M

Hamilton Ohio PENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY

Prod Co 3700 Walnut St

McKeesport Pa McKeesport Pa Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 III SAINT PAUL CORRUGATING CO S END WABASHA ST ST PAUL 1 MINN SWETT (A L) IRON WKS 151 GLENWOOD AVE MEDINA NY Western Foundry Co 2400 S W Water Ave

estern Foundry Co 2400 S W Water Ave Portland 1 Ore heeling Corrugating Co 1134 Market St Wheeling W Va Wheeling

Wheeling W Va Zurn (J A) Mfg Co 1881 Pittsburgh Ave Erie Pa

#### **GRILLES, FIREPLACE**

Adams Co PO Box 268 Dubuque Iowa Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich Rennett-Ireland Inc 23 State St Norwich NY Champion Blower & Forge Co 1947 Charlotte

COLORADO FUEL & IRON CORP CONTI-NENTAL OIL BLDG DENVER 2 COLO Davis & Siehl Co Box 78 Sta A Cincinnati 23

Ohio DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO HEATILATOR INC 1008 E BRIGHTON AVE SYRACUSE 5 NY Industrial Iron Works PO Box 4625 Portland 2 Ora

2 Ore Logan Co 201 Cabel St Louisville 6 Ky MAJESTIC CO INC HALL ST HUNTING-

TON IND

Master Metal Prod Inc Box 95 Buffalo 5 NY Meyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio Silent Glow Oil Burner Co 850 Windsor St Hartford Conn SUPERIOR FIREPLACE CO 1708 E 15TH ST LOS ANGELES 21 CALIF United States Register Co 344 E Burnham St Battle Creek Mich

#### **GRILLES, METAL**

A & A REGISTER CO 8327 CLINTON RD CLEVELAND

CLEVELAND Adams Co PO Box 268 Dubuque Iowa Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich

Hazel Park Mich and 2011 E Jen mile Ru ARTCRAFT ORNAMENTAL IRON CO 724 E HUDSON ST COLUMBUS 11 OHIO Bellkool Co 623 S State Box 581 Appleton Wis Bellkool Co 623 S Wiver Rd North Aurora 111 CINCINKTU IR NORE CONTACTION OF A CONTACT OF CONTACTION OF A CONTACTION COLORADO FUEL & IRON CORP CONTI-MENTAL OIL BLOG DENVER 2 COLO

Iron Works Inc. Cornell 36th Ave & 13th St

Content from works inte actin Ave & foth St Long Island City 6 NY CROSS ENGINEERING CO 101 PARK AVE NEW YORK NY Davis & Siehl Co Box 78 Sta A Cincinnati 23

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Ohio DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Erco Mfg Co 2368 Elston Ave Chicago 14 Ill Fiske (J W) Iron Works 80 Park Pl New "York 7 NY

York 7 NY Harris Inc 200 E Long St Columbus Ohio Hart & Cooley Mfg Co 500 E Eighth St Holland Mich

Holland Mich HEATILATOR INC 1008 E BRIGHTON AVE SYRACUSE 5 NY Hendrick Mfg Co Dundaff St Carbondale Pa Industrial Iron Works PO Box 4625 Portland

Industrial Iron Works FO 20re 2 Ore Kentucky Metal Prod Co 3106 Preston St Louisville 13 Ky Krauser-Boyd Inc 553 River Rd North Tona-wanda NY

wanda NY MACKLANBURG-DUNCAN CO 4041 N SAN-TA FE OKLAHOMA CITY OKLA MAJESTIC CO INC HALL ST HUNTING-TON IND MINNEAPOLIS-HONEYWELL REGULATOR 2747 S FOURTH AVE MINNEAPOLIS S MINNE MINN

MINN Newman Brothers Inc 660-70 W Fourth St Cincinnati 3 Ohio Packer (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY Smith (F P) Wire & Iron Works Inc 2340 N Clybourn Chicago 14 Ill Southern Wire & Iron Works 441 Memorial Dr Statianta General Control Hereits St Statianta Control Hereits St

Standard Bronze Co 178 W Fifth St Bayonne NI

NJ Stewart Iron Works Inc PO Box 1039 Cincin-nati 1 Ohio TENNESSEE FABRICATING CO 1490 Advantation works inc po box 1035 Cinem-nati Dob Works inc po box 1035 Cinem-TENNESSEE FABRICATING CO 1490 GRIMES T MEMPHIS TENN Trane Co Third & Cameron La Crosse Wis United States Register Co 344 E Burnham St Battle Creek Mich Weather-Proof Co 1499 E 40th St Cleveland 3

Ohio WICKWIRE SPENCER STEEL DIV 575 MADISON AVE NEW YORK 19 NY Wilson (J G) Corp 370 Lexington Ave New York 17 NY

Young Regulator Co 5209 Euclid Ave Cleve-land 3 Ohio

#### **GRILLES, DOOR & WINDOW**

n Steel Prod Inc 2941 E Ten Mile Rd

Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI & OHIO COLORADO FUEL & IRON CORP CONTI-NENTAL OIL BLDG DENVER 2 COLO COFFMAN (R G) CO INC PO BOX 1113 ORLANDO FLA Hawkins Iron Co PO Box 670 Birmingham Ala HUNTINGTON INDUSTRIES INC 2368 PPOSPECT ST MEMBEING FENN

ORLANDO FLA Hawkins Iron Co PO Box 670 Birmingham Ala HUNTINGTON INDUSTRIES INC 2368 PROSPECT ST MEMPHIS TENN Ideal Co 24th & Mary Sta Waco Texas KEES (F D) MFG CO 700 PARK AVE BEATRICE NEB Kentucky Metal Prod Co 3106 Preston St Louisville 13 Ky LEIGH BLDG PRODS DIV AIR CONTROL PROD INC GLADE ST AT LARCH COOPERSVILLE MICH MACKLANBURG-DUNCAN CO 4041 N SAN-TA FE OKLAHOMA CITY OKLA METAL CRAFTER'S E AVE AT 18TH ST CEDAR RAPIDS 10WA Meyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio National Guard Prod Inc 540 Jackson Ave Memphis 7 Tenn Parker (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY Protex Weatherstrip Mfg Co 4508 S Western Ave Chicago III

Ave Chicago III

Rigidized Metals Corp 687 Ohio St Buffalo 3 NV

NY A MARKEN COLPTON CONTROL STATUS OF STATUS O

Young Regulator Co 5209 Euclid Ave Cleve-land 3 Obio

#### **GRINDERS, BENCH & FLOOR**

Albertson & Co Inc Sioux City 2 Iowa Atlas Press Co 1901 N Pitcher St Kalamazoo Mich

Mich BLACK & DECKER MFG CO 600 E PENN-SYLVANIA TOWSON 4 MD Bradford Machine Tool Co 657-671 Evans St

Cincinneti / Ohio

Cincinnati 4 Ohio Champion Blower & Forge Co 1947 Charlotte Lancaster Pa Cincinnati Electric Tool Co Madison & Ed-ward Cincinnati 8 Ohio Clizbe Brothers Mfg Co 1932 Harrison Ave Plymouth Ind Corp 1300 E Second St James-town NJ 2000 T2 St St Parine Wis

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town NJ Dumore Co 1300 17th St Racine Wis General Hardware Co 3618 W Pierce St Mil-waukee 15 Wis Grinding & Polishing Mach Corp 2530 Win-throp Ave Indianapolis 5 Ind Hanchett Mfg Co 906 N State St Big Rapids

Lima Electric Motor Co 4500 Findlay Rd Lima

Ohio Lippmann Engr Works 4603 W Mitchell St Milwaukee 14 Wis MALL TOOL CO 7740 S SOUTH CHICAGO CHICAGO 19 ILL Millers Falls Co 57 Wells St Greenfield Mass MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS Newman Machine Co Inc 507 Jackson St Greensboro NC Dockwell Mer. Co Dolco Rowar Tool Dir. 400

ureenaboro NC Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 III

Shopmaster Inc 1214 Third St S Minneapolis Minn SKIL CORP 5033 ELSTON AVE CHICAGO Skill CORP 3033 ELSTON AVE CHICAGO 30 HLL Speedway Mfg Div Thor Power Tool Co 1834 S 52nd Ave Cicero 50 III Standard Electrical Tool Co 2490 River Rd

STANLEY ELECTRIC TOOLS 400 MYRTLE ST NEW BRITAIN CONN THOR POWER TOOL CO 175 N STATE ST

AURORA ILL United States Electrical Tool Co 3640 Llewellyn St Cincinnati 23 Ohio Walker-Turner Div Kearney & Trecker Corp 900 North Ave Plainfield NJ Wissota Mfg Co 1301 S Third St Minneapolis

**GRINDERS, ELECTRIC PORTABLE** 

BLACK & DECKER MFG CO 600 E PENN-SYLVANIA TOWSON 4 MD BOICE CRANE CO 930 W CENTRAL AVE TOLEDQ 6 OHIO

TOLEDO 6 OHIO Bradford Machine Tool Co 657-671 Evans St Cincinnati 4 Ohio Chicago Pneumatic Tool Co Six E 44th St New York 17 NY Chicago Wheel & Mfg Co 1101 W Monroe Chicago III

Chicago Wheel & Mfg Co 1101 W Monroe Chicago III Cincinnati Electric Tool Co Madison & Ed-ward Cincinnati & Ohio Dremel Mfg Co 2409 18th St Racine Wis Duro Metal Prod Co 2649 N Kildare Ave Chi-

cago 39 Ill General Hardware Co 3618 W Pierce St Mil-waukee 15 Wis Hoe (R) & Co Inc 910 E 138th St New York

54 NY MALL TOOL CO 7740 S SOUTH CHICAGO CHICAGO 19 ILL Mattison Machine Wks 545 Blackhawk Park

CHICAGO 19 ILL Mattison Machine Wks 545 Blackhawk Park Rockford III Millers Falls Co. 57 Welles St Greenfield Mass MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS Newman Machine Co Inc 507 Jackson St Greenshoro NC Portable Electric Tools Inc 320 W 83rd St Chicago 20 III

Portable Electric Tools Inc 320 W 83rd St Chicago 20 III Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 III SKIL CORP 5933 ELSTON AVE CHICAGO 30 ILL Speedway Mfg Div Thor Power Tool Co 1834 S 52nd Ave Cicero 50 III STANLEY ELECTRIC TOOLS 400 MYRTLE ST NEW BRITAIN CONN

AMERICAN BUILDER

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Cincinnati

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AURORA ILL

THOR POWER TOOL CO 175 N STATE ST AURORA ILL Toolkraft Corp Plainfield St Springfield 1

Mane

Mass United States Electrical Tool Co 3640 Llewellyn St Cincinnati 23 Ohio Whiteman Mfg Co 13020 Pierce Ave (Paco-ima) Los Angeles Calif Wissota Mfg Co 1301 S Third St Minneapolis

Minn

#### **GUARDS, AREAWALL**

Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich BRAINARD STEEL DIV SHARON STEEL CORP GRISWOLD ST WARREN OHIO CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO Davis & Siehl Co Box 78 Sta A Cincinnati 23

Dietrich Bros Inc 2700 Loch Raven Rd Balti-

Dietrich Bros The 2700 Loch Raven Rd Balti-more 18 Md DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL SAINT PAUL CORRUGATING CO S END WABASHA ST ST PAUL 1 MINN UNITED STEEL FABRICATORS INC 333 GASCHE ST WOOSTER OHIO

#### GUMMERS, SAW

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BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO Chicago Wheel & Mfg Co 1101 W Monroe Chicago III

Chicago III FOLEY MFG CO 3339 NE FIFTH ST MINNE-APOLIS 18 MINN General Hardware Co 3618 W Pierce St Mil-waukee 15 Wis

waukee 15 Wis Hanchett Mfg Co 906 N State St Big Rapids Mich

Mich Macklin Co 2914 Wildwood Rd Jackson Mich Mid-West Abrasive Co 510 W Washington S Owosso Mich Norton Co 1 New Bond St Worcester 6 Mass Treyco Prod 149 Longmeadow Rd Buffalo 23 NY

#### **GUNS, CAULKING & GLAZING**

Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich BALTZ (R N) & CO 1009 HARVARD TER EVANSTON ILL Biddle Co 608-624 S Main St Louis 2 Mo CALBAR PAINT & VARNISH CO 2612-26 N MARTHA PHILADELPHIA 25 PA Ceresit Waterproofing Corp 3227 S Shields Ave Chicago 16 Ill Danhs (W J) & Co 4444 Leving Park Rd Chi-cago 41 Ill Electric Spravit Thomas Ind 1415 Illingia Am

cago 41 111 Electric Sprayit Thomas Ind 1415 Illinois Ave Sheboygan Wis Felton Sibley & Co Inc 136 N Fourth St Phila-delphia 6 Pa

delphia 6 Pa Ford Roofing Prod Co 6 N Michigan Ave Chi-cago 2 Ill Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa Gibson-Homans Co 2366 Woodhill Rd Cleveland

6 Ohio Glaziers Tool Mfg Co 611 W Adams Chicago 6

GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO Horn (A C) Co Inc Tenth St & 44th Long Is-land City 1 NY

land City 1 NY JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY Kenmar Mfg Co Albert & Martha St Philadel-phia 25 Pa Landen Putty Works 45 Irving St Malden Mass Lastik Prod Co Ine 203 Iroquois Bildg Pitts-burgh 13 Pa MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA Monroe Co Ine 10703 Quebec Ave Cleveland 6 Ohio

Decora Paint Co Inc 4th St & Rdg RR Phila-delphia 40 Pa PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA DUQUESNE BLVD PITTSBURGH 22 PA Plastic Prod Co 6473 Georgia Ave Detroit 11 Mich Protex Weatherstrip Mfg Co 4508 S Western Ave Chicago III Ridgely Trimmer Co 1300 Kenton St Spring-field 99 Ohio Seal Bit Coulting Co

field 99 Ohio Seal Rite Caulking Co 17300 Wyoming Ave Detroit Mich Sonneborn & Sons Bldg Prod Div 404 Fourth Ave New York 16 NY Steeleole Mfg Co 3418 Gratiot St St Louis 3 M.

STERLING PAINT & VARNISH CO 184 COMMERCIAL ST MALDEN 48 MASS

**APRIL 1956** 

14 III Tamms Industries Inc 228 N La Salle St Chi-cago 1 III Tremeo Mfg Co 8701 Kinsman Rd Cleveland Ohio United Lab Inc 16801 Euclid Ave Cleveland

12 Ob

tal Mfg Co 7500 Quincy Ave Cleveland 4 \$7:

Ohio Webster (W F) Cement Co 224 Thorndike Cam-bridge 41 Mass Western Reserve Mfg Co 3710 E 93rd St Cleve-land 5 Ohio

#### **GUNS, PNEUMATIC CONCRETE** APPLICATION

Air Placement Equipment Co 1009 11 W 24th St Kansas City 8 Mo Gunite Construction Corp 424 Lexington Ave New York 17 NY MacLeod Co Box 452 Sharonville Ohio

#### **GUTTERS, METAL**

Alabama Metal Lath Co Inc 3235 Fayette Ave

Birmingham 1 Ala Birmingham 1 Ala Ilen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich AI

Badger Corrugating Co-1801 West Ave S La CECO STEEL PROD CORP 5601 W 26TH ST

CECO STEEL PROD CORP 5601 W 26TH ST CHICAGO 50 ILL Char-Gale Mfg Co Route 2 Anoka Minn CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN Cincinnati Sheet Metal & Roofing Co 230 E Front St Cincinnati 2 Ohio Gichner Inc 1900 Kendall NE Washington 2 DC

Harrison Steel Cabinet Co 4718 W Fifth Ave

Harrison Steel Cabinet Co 4718 W Fifth Ave Chicaco 44 Ill INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS Keystone Mfg Co 23228 Sherwood Ave Center-line Mich

Klauer Mfg Co Ninth & Washington Sts Du-

Klauer Mig Co Ninth & Washington Sts Du-buque lowa Krauser-Boyd Inc 553 River Rd North Tona-wanda Nicel Roofing Co 227 Jay St La Crosse Wis

La Crosse Wis Crosse Wis Newport Steel Roofing Co 227 Jay St La Newport Steel Corp Ninth & Lowell Sts New-port K<sup>3</sup> Seattle 4 Wash Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa Reeves Steel & Mfg Co 6 Iron Ave Dover Ohio REYNOLDS METALS CO BLDG PROD DIV 2001 S NINTH ST LOUISVILLE 1 KY SAINT PAUL CORRUGATING CO S END WABASHA ST ST PAUL 1 MINN Sioux Steel Co Sioux Falls SD Tennison Bros Inc 450 N Bellevue Memphis 1 Tenn

Tenn

Tenn Tyra (R K) Co Highway 61 Tyra Minn Wheeling Corrugating Co 1134 .Market St Whilis Steel Corp Box 149 Galesburg III

#### **GUTTERS**, WOOD

Agnew Lhr Co 903 B St Centralia Wash American Lhr & Treating Co 332 S Michigan Ave Chicago 4 Ill Arrow Tank Co Inc 16 Barnett St Buffalo 15

NV

Canadian Western Lbr Co Ltd 15 King Edward

Canadian Western Lbr Co Ltd 15 King Edward Ave New Westminster BC Can Dolbeer & Carson Lbr Co Merchants Exch Bldg San Francisco Calif Duncan Wood Gutter Co 818 Securities Bldg Seattle 1 Wash Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash

Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash Fordyce Lbr Co Fordyce Ark Giustina Brothers Lbr Co Box 980 Eugene Ore Hammond Lbr Co 417 Montgomery St San Francisco Calif Holmes Eureka Lbr Co 405 Montgomery St San Francisco Calif LONG-BELL LBR CO 926-8 GRAND AVE KANSAS CITY 6 MO Long Fir Gutter Co 600 Dewey Cadiz Ohio Mauk Seattle Lbr Co 3935 University Seattle 5 Wash

5 Wash Mutual Fir Column Co Taylor Way & Lincoln

Tacoma Wash Pacific Mutual Door Co Tacoma Bldg Tacoma Wash

Lbr Co 620 Market St San Francisco Ur nion Calif Washington Mfg Co PO Box 1544 Tacoma 1

Wash WEYERHAEUSER SALES CO FIRST NA-TIONAL BANK BLDG ST PAUL 1 M:NN Willamette Valley Lbr Co Box 5 Dallas Ore

#### GYPSUM

CELOTEX CORP 120 S LA SALLE ST CHI-CAGO 3 ILL CERTAIN-TEED PROD CORP 120 E LAN-

CASTER AVE ARDMORE PA NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY RUBEROID CO 500 FIFTH AVE NEW YORK

36 NY NITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL INTERN

#### HAMMERS, PNEUMATIC

Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY Davey Compressor Co 600 Franklin Ave Kent

oll-Rand Inc 11 Broadway New York

Polis (J D) Mfg Co 2904 West 26th St Chi-POWERNAIL CO 961 MONTANA ST CHI-

POWERNAIL CO \$61 MONTANA ST CHI-CAGO 14 ILL THOR POWER TOOL CO 175 N STATE ST AURORA ILL WORTHINGTON CORP HARRISON &

AURORA ILL ORTHINGTON CORP HARRISON & WORTHINGTON HARRISON NJ

#### HAMMERS, PORTABLE, ELECTRIC & GASOLINE

Rarco Mfg Co 500 N Hough St Barrington III BLACK & DECKER MFG CO 600 E PENN-SYLVANIA TOWSON 4 MD Chicago Freumatic Tool Co 6 E 44th St New

Chicago Preumatic Tool Co 6 E 44th St New York 17 NY GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO MASTER VIBRATOR CO 1752 STANLEY AVE DAYTON OHIO Miller Falls Co 57 Wells St Greenfield Mass MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS Polis (J D) Mfg Co 2904 W 26th St Chicago og 111

SKIL CORP 5933 ELSTON AVE CHICAGO 30 ILL STANLEY ELECTRIC TOOLS 400 MYRTLE ST NEW BRITAIN CONN SYNTRON CO 618 LEXINGTON AVE HOMER CITY PA Tempo Prod Co 2075 E 65th St Cleveland 3 Obio

THOR POWER TOOL CO 175 N STATE ST

HAMMERS, STAPLING &

(See Staplers & Tackers)

HAMPERS, BUILT-IN CLOTHES

Columbia Metal Box Co 260 E 143rd St New Vork 51 NY GREENLINE METAL PRODS CO NORTH TONAWANDA NY Jensen Industries 159 S Anderson Los Angeles 33 Calif.

Ketcham Mfg Corp 70-70 80th St Breoklyn 27

NI Standard Building Prod Co 621 McDonald Ave Brooklyn 18 NY Standard Steel Cabinet Co 3701 N Milwaukee Chicago 41 Ill

UNITED METAL CABINET CORP 168 SEV-ENTH ST BROOKLYN 15 NY

Butler Mfg Co 7400 E 13th St Kansas City

26 MO International Steel Co 1321 Edgar St Evans-ville 7 Ind Mesker (George L) Steel Corp 400 NW First St Evansville 8 Ind

St. Evansville & Ind RILCO LAMINATED PROD INC 2591 FIRST NAT'L BANK BLDG ST PAUL 1 MINN TIMBER STRUCTURES INC PO BOX 3782 PORTLAND & ORE TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

UNITED STEEL FABRICATORS INC 333 GASCHE ST WOOSTER OHIO Unit Structures Inc Peshtigo Wis

AMERICAN-STANDARD PLUMBING & HEATING DIV PO BOX 1226 PITTSBURGH 30 PA

G75

HANGARS, AIRPLANE

HANGERS, BATHTUB

AURORA ILL AURORA ILL Vadack Electric Tool Corp 4627 W Huron St

CORP 5033 ELSTON AVE CHICAGO

SKIL

Wodack Electric Chicago 44 Ill

TACKING

Mo

HOLLAENDER MFG CO 3841 SPRING GROVE CINCINNATI 23 OHIO KOHLER CO 44 HIGH ST KOHLER WIS LUCKE (WILLIAM B) INC 514 RAILROAD AVE E WILMETTE ILL Titewall Hanger Co 1458 W 87th St Chicago Ill

#### HANGERS, INSULATION

Devices Inc Div Miracle Adhesives Corp 214 E Sård New York 22 NY NEW YORK 16 NY NEW YORK 16 NY NEW YORK 16 NY MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY MOORE (GOODLOE E) INC PO BOX 846 DANVILLE ILL Psing Co 7 Westers Ed Advisor 100 Paine Co 7 Westgate Rd Addison Ill

# HANGERS, JOIST & LUMBER

Adams Co PO Box 268 Dubuque Iowa Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Fark Mich CLEVELAND STELL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO Consolidated Iron-Steel Mfg Co 1292 E 53rd Cleveland 14 Ohio Conver Steel & Wire Co 600 E 132nd St New York Ed NY Copco Steel & Engr Co 14035 Grand River Ave Detroit 27 Mich Districh Bros Inc 2700 Loch Raven Rd Balti-more 18 Md DONLEY BROTHERS CO 13916 MILES AVE CLEVELAND 5 OHIO Duplex Hanger Co 5300 Lakeside Ave Cleve-land 14 Ohio Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich Hokmon Bidg Prod Co 4018 W Lake Chicago

Heckmann Bldg Prod Co 4018 W Lake Chicago

24 111

24 III Hohman & Barnard Inc 204 E 33rd St New York 16 NY Hosking Paper & Supply 1301 Lake Ave Wil-mette III

Ideal Hanger Co 1292 E 53rd St Cleveland 14

Cohic Mark Co 12.5 2 Joint Br Certainia A KEES (F D) MFG CO 700 PARK AVE HEATRICE NEB Lacebro Mfg Co 110 Main St West Pough-tecpsie NY TIMBER ENCR CO 1319 18TH ST NW WASHINGTON 6 DC UNITED STEEL PROD CO 104 W 86TH ST MINNEAPOLIS 20 MINN Weatherguard Service Inc 564 Jackson Ave

Weatherguard Service Inc 564 Jackson Ave New York 55 NY

#### HANGERS, METAL LATH

Allen Steel Prod Inc 2941 E Ten Mile Rd Hazel Park Mich BOSTWICK STEEL LATH CO 1890 GRIS-WOLD DR NILES OHIO CECO STEEL PROD CORP 5601 W 26TH ST CHICAGO 58 ILL Goldamith Metal Lath Co 4501 Chickering Cin-

CINNALI Ohio PENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

OHIO NITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL UNITED

#### HARDBOARD, ASPHALT

Camp Co Inc 6958 S State Chicago 21 Ill MEADOWS (W R) INC 2 KIMBALL ELGIN ILL.

Se icised Prod Corp 6051 W 65th St Chicago 38 111

#### HARDBOARD

Anacortes Veneer Inc PO Box 71 Anacortes

Wash ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Butler (B B) Mfg Co Inc 3150 Randolph Bell-wood III

wood III Cascades Plywood Corp 1016 Public Serv Bidg Fortland 4 Ore CELOTEX CORP 120 5 LA SALLE ST CHI-CAGO 3 ILL Clear Fir Sales Co PO Box 18% Springfield Ore DANT & RUSSELL INC 1320 SW BROAD-WAY PORTLAND 1 ORE Di-Noc Chemical Arts Inc 1700 London Rd Cleveland Ohio Erdle Perforating Co Inc 175 York St Roches-

Erdle Perforating Co Inc 175 York St Roches-ter NY

FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY FOREST FIBER PROD CORP BOX 68 FOR-GROVE ORE



GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE INSULITE CO MINNESOTA ONTARIO PAPER CO 500 INVESTORS BLDG MIN-NEAPOLIS 2 MINN JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 18 NY KEASBEY & MATTISON CO BUTLER AVE KORDON PLANDOL & VORDER CO INC 500 W

AMBLER PA Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill LONG-BELL LBR CO 926-8 GRAND AVE KANSAS CITY 6 MO Lustrewood Corporation Oxford Rd Milford

Conn 

Midwest Jobbers Inc 3300-08 S Racine Chicago 8 IH

Midwest Joobers in 3300-08 S Kacine Chicago 8 Ill Midwest Plywood Co 10101 Lyndon Ave De-troit 38 Mich Milwaukee Plywood Co 1227 W Bruce St Mil-waukee 4 Wis NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY OREGON LBR CO BAKER ORE Pacific Board Fabricators 633 E Gage Los Angeles 1 Calif Pacific Veneer Plywood Corp 601 Cornwall Ave Bellingham Wash Paxion (Frank) Lbr Co 6311 St John Ave Kansas City Mo Plaswood Corp 18263 Hartwell Detroit 35 Mich

Mich Plytex Corp 1731 Elston Ave Chicago 22 Ill Plywood Tacoma Co 540 E 15th St Tacoma Wash

Wasn Protective Papers Inc Union Ill RODDIS PLYWOOD CORP 1155 PALMETTO

RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS Simpson Logging Co Shelton Wash Templeton (Herbert A) Lbr Co 807 Terminal Sales Bidg Portland 5 Ore UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY WOODALL INDUSTRIES INC 3500 OAKTON AVE SKOKIE ILL

#### HARDBOARD, PERFORATED

BARCLAY MFG CO INC 385 GERARD AVE NEW YORK 51 NY Butler (B B) Mfg Co Inc 3150 Randolph Bellwood III

Bellwood III DANT & RUSSELL INC 1320 SW BROAD-WAY PORLAND 1 ORE FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY FOREST FIBER PROD CORP BOX 68 FOR-EST GROVE ORE

EST GROVE ORE Garrison Wagner Co 2018 Washington Ave St Louis 3 Mo GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE Lustrewood Corp Oxford Rd Milford Conn MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Simman Redwund Co Arcata Calif

Sim an Redwood Co Arcata Calif UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

#### HARDWARE, BARN

ALLITH PROUTY INC 819 N BOWMAN AVE DANVILLE ILL COLORADO FUEL & IRON CORP CONTI-NENTAL OIL BLOG DENVER 2 COLO FRANTZ MFG CO 301 W THIRD ST STERL-ING ILL

ING ILL HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO Hudson (H D) Mfg Co 587-91 E Illinois Chi-cago 11 Ill

cago 11 Ill Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn KEES (F D) MFG CO 700 PARK AVE BEATRICE NEB LAWRENCE BROTHERS STERLING ILL Louien Machinery Co 1120 Broadway Fairfield

Iowa MC KINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA NATIONAL MFG CO 1 FIRST AVE STERL-

NATIONAL MFG CO I FIRST AVE STERL-ING ILL Ney Mfg Co 948 High Ave SW Canton 4 Ohio RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL STANLEY WORKS NEW BRITAIN CONN

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Starline Inc 300 W Front St Harvard Ill WAGNER MFG CO 122 W FIRST ST CEDAR FALLS IOWA Western Prod Inc New Castle Ind

#### HARDWARE, BUILDERS, CONTRACT

ADAMS RITE MFG CO 540 W CHEVY CHASE GLENDALE 4 CALIF Ajax Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif AMERICAN HARDWARE CORP CORBIN (P & F) DIV 102 WASHINGTON ST NEW BRITAIN CONN

ARROW LOCK CORP 762 WYTHE AVE BROOKLYN 11 NY Baldwin Mfg Corp 1290 Central Ave Hillside NJ

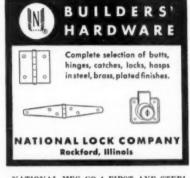
Champion Hardware Co 3300 Miller St Geneva

Obio CHESLER (J) & SONS INC 41-49 VARICK AVE BROOKLYN 37 NY Cipco Corp 22nd & Cole Sta St Louis 6 Mo CORBIN CABINET LOCK DIV AMERICAN HARDWARE CORP 192 WASHINGTON ST NEW BRITAIN CONN DEXTER LOCK DIV DEXTER INDUSTRIES 1609 MADISON SE GRAND RAPIDS 2 MICH

1609 MICH ENGINEERED PROD CO 129 SMITH ST MICH

GRIFFIN MFG CO 1515 CHERRY ST ERIE

MATTERN MEG CU 1515 CHERRY ST ERIE 6 PA HAGER (C) & SONS HINGE MEG CO 139 VICTOR ST ST LOUIS 4 MO KEES (F D) MEG CO 700 PARK AVE BEA- TRICE NEB Knape & Vogt Mfg Co 658 Richmond NW Grand Rapids 4 Mich LAWRENCE BROTHERS STERLING ILL MC KINNEY MEG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO NATIONAL HARDWARE CO 101-57 100TH ST OZONE PARK NY NATIONAL LOCK CO 1902 SEVENTH ST ROCKFORD ILL



NATIONAL MFG CO 1 FIRST AVE STERL-ING ILL HIG COT FIRST AVE STERL-ING ILL Hidwe Mfg Corp 27 Ludlow St New York 2 NY Penn-Akron Hidwe Corp 32nd Ave & 57th St Woodside 77 NY

AMERICAN BUILDER

RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 102 WASHINGTON NEW BRITAIN CONN Safe Padlock & Hdwe Co 2nd & Crystal Sts Lancaster Pa

STANLEY WORKS NEW BRITAIN CONN STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL

NELSON ST CHICAGO 18 ILL SYMONS CLAMP & MFG CO 4249 Diversey AVE CHICAGO 39 ILL Metallon Prod Inc 2050 E 48th St Los Angeles 58 Calif Trego Industries Box 211 Red Oak Texas

WASHINGTON STEEL PRODS 1940 E 11TH ST TACOMA 2 WASH

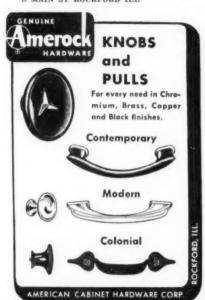
#### HARDWARE, CABINET

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ACME APPLIANCE MFG CO 35 S RAY-MOND AVE PASADENA 1 CALIF Acorn Mfg Co Mansfield Mass

ADAMS RITE MFG CO 540 W CHEVY CHASE GLENDALE 4 CALIF Ajax Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif

AMERICAN CABINET HARDWARE CO 416 S MAIN ST ROCKFORD ILL



AMERICAN HARDWARE CORP CORBIN (P & F) DIV 102 WASHINGTON ST NEW BRITAIN CONN

BRITAIN CONN AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON NEW BRITAIN CONN Austin & Eddy Inc Box 1504 Boston 4 Mass Brainerd Mfg Co N Washington & Harris East Rochester NY

Casement Hardware Co 612 N Michigan Ave

Chicago 11 Ill Challenger Lock Co 4865-4903 Exposition Los Angeles Calif Champion Hardware Co 3300 Miller St

Geneva Ohio

CHESLER (J) & SONS INC 41-49 VARICK AVE BROOKLYN 37 NY Cipco Corp 22nd & Cole Sts St Louis 6 Mo Clinton Lock Co 78 31st Avenue N Clinton

Iowa Colonial Bronze Co Winsted Rd Torrington

Conn CORBIN CABINET LOCK DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST

HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN CORBIN (P & F) DIV AMERICAN HARD-WARE CORP 102 WASHINGTON ST NEW BRITAIN CONN

DEXTER LOCK DIV DEXTER INDUSTRIES 1609 MADISON SE GRAND RAPIDS 2 MICH Dreaden Mfg Co 2375 Walnut Ave Long Beach

Dresden M 6 Calif

ENGINEERED PRODS CO 129 SMITH ST

FLINT 3 MICH Extension Drawer Support Co 129 SMITH ST ington Los Angeles 18 Calif Fiwale Equipment Mfg Co 105 Reade St New York 13 NY

FRANTZ MFG CO 301 W THIRD ST STERL-ING ILL

Garden City Plating & Mfg Co 1750 N Ash-land Ave Chicago 22 Ill Gensco Tools 1880 N Kostner Ave Chicago 39

GRAND RAPIDS HARDWARE CO 560 11TH ST NW GRAND RAPIDS 2 MICH

GRANT PULLEY & HARDWARE CORP 31-85 WHITESTONE FLUSHING 54 NY

GRIFFIN MFG CO 1515 CHERRY ST ERIE 6 PA H & M Cabinet Service 802 E Fifth Auburn Ind

HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO Heller (W C) & Co 1050 Bryant St Mont-pelier Ohio Ideal Brass Works Inc 250 E Fifth St St Paul

1 Minn Illinois Lock Co 807 S Ada St Chicago 7 Ill IVES

HAVEN & CONSTRUCTION ST NEW HAVEN & CONN nape & Vogt Mfg Co 658 Richmond NW Grand Rapids 4 Mich K

LAKE DRIVE PROD PO BOX 22 EDGER-TON WIS

LAWRENCE BROTHERS STERLING ILL MACKLANBURG-DUNCAN CO 4041 N SAN-TA FE OKLAHOMA CITY OKLA

MC KINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH B PA Modern Plastics Co 4641 Pacific Blvd Los Angeles 58 Calif MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO

NATIONAL LOCK CO 1902 SEVENTH ST ROCKFORD ILL

die cast materials

**Rockford**, Illinois

HARDWARE, CASEMENT WINDOW

AMERICAN CABINET HARDWARE CO 416 S MAIN ST ROCKFORD ILL

S MAIN ST RUCKFORD ILL AMERICAN HARDWARE CORP CORBIN (P & F) DIV 102 WASHINGTON ST NEW BRITAIN CONN

AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON NEW BRITAIN CONN

& ERWIN DIV 102 WASHINGTON NEW BRITAIN CONN Casement Hardware Co 612 N Michigan Ave Casement Hardware Co 612 N Michigan Ave Chicago 11 Ill Champion Hardware Co 3300 Miller St Geneva Onio Croft Steel Prod Inc 10 Market St Jamestown NY

NY Detroit Hardware Mfg Co 1320 Mt Elliott Detroit 7 Mich

DETROIT STEEL PROD CO 2250 E GRAND BLVD DETROIT 11 MICH DEXTER LOCK DIV DEXTER INDUSTRIES 1609\_MADISON S E GRAND RAPIDS 2 1609 I MICH

MICH Fiwale Equipment Mfg Co 105 Reade St New York 13 NY

FRANTZ MFG CO 301 W THIRD ST STERL-ING ILL

ETTY (H S) & CO INC 3348 N 10TH ST PHILADELPHIA 40 PA GETTY

HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn

HAVEN 8 C B) CO 5 ARTIZAN ST NEW IVES



LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA

MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA

PITTSBURGH 33 PA MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif Parker (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY Parlyn Ine 556 S Monterey Pass Monterey Park Calif Sendor Co Ine 5816 S Houser Ave Los

Park Calif Peabody Co Inc 5816 S Hooper Ave Los Angeles 11 Calif Phoenix Lock Co 327 Third Ave Newark 7 NJ Safe Padlock & Hdwe Co 2nd & Crystal Sts Lancaster Pa

SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN

HAVEN 9 CONN Shelby Spring Hinge Co Shelby Ohio Slaymaker Lock Co 115 SW End Ave Lan-caster Pa Standard Bronze Co 178 W Fifth St Bayonne

NJ NUMBER OF STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL Universal Window Co 950 Parker St Berkeley 10 Calif

(Vincent) Co PO BOX 335 Sausalito White

Calif Wright Prod Inc St Paul Park Minn Yale & Towne Mfg Co 11 S Broadway White Plains NY

#### HARDWARE, DOOR

Acorn Mfg Co Mansfield Mass Adams Co PO Box 268 Dubuque Iowa ADAMS RITE MFG CO 546 W CHEVY CHASE GLENDALE 4 CALIF Aiax Hardware Mfg Corp 4851 Valley Blvd LLITH-PROUTY INC 819 N BOWMAN AVE DANVILLE ILL ALLMEAL WEATHERSTRIP CO 2241 N KNOX AVE CHICAGO 39 ILL

Lancaster Pa

Sharon Hardware Mig Co 249 Fearce St Sharon Pa Shelby Metal Prod Co PO Box 525 Shelby Ohio Shelby Spring Hinge Co Shelby Ohio Slaymaker Lock Co 115 SW End Ave Lan-caster Pa SOSS MFG CO 21777 HOOVER RD DETROIT 13 MICH Standard Bronze Co 178 W Fifth St Bayonne NI

STANLEY WORKS NEW BRITAIN CONN Star Metal Prod Inc 370 Butler St Brooklyn

TERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL Metallon Prod Inc 2050 E 48th St Los Angeles 58 Calif

58 Calif United States Lock & Hdwe Co Columbia Pa Vimcar Sales Co PO Bóx 2187 Van Nuys Calif Weber-Knapp Co 441 Chandler St Jamestown

NY Western Door & Plywood Corp 1835 N W 17th St Portland 4 Ore WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF Yale & Towne Mfg Co 11 S Broadway White Plains NY

NORDAHL CO 180 W ALAMEDA AVE BUR-NORDAHL CO 180 W ALAMEDA AVE BUR-BANK CALLF Old Guilford Forge Guilford Conn Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif Parker (5) Hdwe Mfg Corp 27 Ludlow St New York 2 NY Parlyn Inc 556 S Monterey Pass Monterey Park Calif Peabody Co Inc 5816 S Hooper Ave Los Angeles 11 Calif Penn-Akron Hdwe Corp 32nd Ave & 57th St

ING ILL

Angeles 11 Calif Penn-Akron Hdwe Corp 32nd Ave & 57th St Woodaide 77 NY Phoenix Lock Co 327 Third Ave Newark 7 NJ RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 102 WASHINGTON NEW BRITAIN CONN Safe Padlock & Hdwe Co Second & Crystal Sts Lorester Pa

SARGENT & CO HAVEN 9 CONN CO 45 WATER ST NEW

HAVEN 9 CONN Selck (Walter E) & Co 223 W Hubbard Chi-cago 10 Ill Sharon Hardware Mfg Co 249 Pearce St

AMERICAN CABINET HARDWARE CO 416 S MAIN ST ROCKFORD ILL



AMERICAN HARDWARE CORP CORBIN (P & F) 102 WASHINGTON ST NEW

AMERICAN HARDWARE CORF CORBIN (P & F) 102 WASHINGTON ST NEW BRITAIN CONN AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN ARROW LOCK CORP 762 WYTHE AVE BROOKLYN 11 NY Baldwin Mfg Corp 1290 Central Ave Hillside

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NJ Busch (A G) & Co Inc 2632 N Central Ave Chicago 39 III Challengre Lock Co 4865-4903 Exposition Los Angeles Calif Champion Hardware Co 3300 Miller St Geneva

Champion Paraware Co 3500 anther St Geneva Ohio CHESLER (J) & SONS INC 41-49 VARICK AVE BROOKLYN 37 NY Cipco Corp 22nd & Cole Sta St Louis 6 Mo Cinton Lock Co 78 31st Ave N Cinton Iowa COLORADO FUEL & IRON CORP CONTI-NENTAL OIL BLOG DENVER 2 COLO Columbus Brass Mfg Co 1284 Edgehill Rd Columbus 16 Ohio

Columbus 16 Ohio DEXTER LOCK DIV DEXTER INDUSTRIES 1609 MADISON SE GRAND RAPIDS 2 MICH ENGINEERED PROD CO 129 SMITH ST FLINT 3 MICH Ereo Mfg Co 2368 Elston Ave Chicago 14 III Fivale Equipment Mfg Co 105 Reade St New York 13 NY

York 13, NY FRANTZ MFG CO 301 W THIRD ST STER-

LING ILL ensco Tools 1830 N Kostner Ave Chicago 39 Ill C

III Grand Rapids Wire Prod Co 501 Front Ave Grand Rapids 4 Mich Grand Specialties Co 3101 W Grand Ave Chi-cago 22 III GRANT PULLEY & HARDWARE CORP 31-85 WHITESTORE FLUSHING 54 NY GRIFFIN MFG CO 1515 CHERRY ST ERIE

6 PA HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO Honeycutt Mfg Co Inc 2715 Oak St Kansas City

Ideal Brass Works Inc 250 E Fifth St St Paul

1 Mini 1 Mini INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS IVES (H B) CO 5 ARTIZAN ST NEW HAVEN 8 CONN



Kant-Slam Door Check Co Box 228 Bloomfield Ind KEES (F D) MFG CO 700 PARK AVE BEATRICE NEB Kentucky Metal Prod Co 3106 Preston St Louisville 13 Ky

KWIKSET SALES & SERVICE SANTA ANA ANAHEIM CALIF SERVICE CO 516 E

LABORATORY EQUIPMENT CORP HILL-TOP RD ST JOSEPH 6 MICH LAWRENCE BROTHERS STERLING ILL LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS

LOCKWOOD HARDWARE STERLING ILL CLEGHORN ST FITCHBURG MASS MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA Miwaukee Slamme

Stamping Co 800 S 72nd St Mil-

Waukee 14 Wie MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO NATIONAL HARDWARE CO 101-57 100TH ST 0ZONE PARK NY NATIONAL LOCK CO 1902 7TH ST RCCK-

ST OZONE PARK NI NATIONAL LOCK CO 1902 7TH ST ROCK-FORD ILL NATIONAL MFG CO 1 FIRST AVE STERL-

ING ILL Newman Brothers Inc 660-70 W Fourth St Cin-

Newman Brothers Inc 660-70 W Fourth St Cin-cinnati 3 Ohio NUDOR MFG CORP 7326 FULTON AVE N HOLLYWOOD CALIF Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif Parker (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY Parlyn Inc 556 S Monterey Pass Monterey Park Calif Parker Co. Les 5816 S Houses Ave Les Ave

Park Calif Park Calif Peshody Co Inc 5816 S Hooper Ave Los An-geles 11 Calif Penn-Akron Hdwe Corp 32nd Ave & 57th St Woodside 77 NY Phoenix Mfg Co 4129 N Port Washington Mil-waukee 12 Wis PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Reese Padlock Co 126 Sherman St Lancaster Da

Pa RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL Rittenhouse Co Inc Earl St Honeoye Falls NY Safe Padlock & Hdwe Co Second & Crystal Sts

Lancaster Pa SARGENT & CO 45 WATER ST NEW HAVEN

SANGLAI & CO IS WATER SI NEW HAVEN 9 CONN SCHLAGE LOCK CO 2201 BAY SHORE BLVD SAN FRANCISCO 19 CALIF Segal Lock & Hdwe Co Inc 395 Broadway New York 7 NY

York 7 NY Shelby Metal Prod Co PO Box 525 Shelby Ohio Shelby Spring Hinge Co Shelby Ohio Skillman Hdwe Co Edgewood Ave Trenton 4 NJ

Slaymaker Lock Co 115 SW End Ave Lancaster

Pa SOSS MFG CO 21777 HOOVER RD DETROIT 13 MICH

Southern Wire & Iron Works 441 Memorial Dr SE Atlanta Ga Standard Mirror Co 141 Milton & PRR Buffalo

NY STANLEY WORKS NEW BRITAIN CONN STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL Sultan Bros 1470 39 Brooklyn 18 NY Taylor Lock Co 2034 W Lippincott Philadel-phia 32 Pa

phia 32 Pa Trego Industries Box 211 Red Oak Texas WAGNER MFG CO 122 W FIRST ST CEDAR FALLS IOWA Washington Mfg Co Box 370 Washington Iowa WEISER LOCK CO 8635 OTIS ST SOUTH GATE CALIF WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF Yale & Towne Mfg Co 11 S Broadway White Plains NY

#### HARDWARE, GARAGE, **UPWARD-ACTING**

ALLITH PROUTY INC 819 N BOWMAN AVE DANVILLE ILL Arrowsmith Tool & Die Co 9700 Bellanes Ave Los Angeles 45 Calif BARBER-COLMAN CO PARK PLANT

ROCKFORD ILL Better-Bilt Door Co 950 Harbor Rd Egg Har-bor City NJ

hor City NJ CALDER MFG CO 630 N PRINCE ST LAN-CASTER 12 PA Capitol Prod Co 1839 S Main Box 351 Jack-

sonville III COLORADO FUEL & IRON CORP CONTI-NENTAL OIL BLDG DENVER 2 COLO Fiwale Equipment Mfg Co 105 Reade St New

York 13 NY FRANTZ MFG CO 301 W THIRD ST STERL-

FRANTZ MFG CO 301 W THIND OF GENE ING ILL HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO HOWELL MFG CO N MOREHALL RD PAOLI PA LAWRENCE BROTHERS STERLING ILL Louden Machinery Co 1120 Broadway Fair-

LAWRENCE Machinery Co 1120 Broadway Fair-field Iowa MCKEE DOOR CO 85 HANKES AVE AURORA ILL Phenix Mfg Co 4129 N Port Washington Mil-waukee 12 Wis Quiney Mfg Co Wall & Hudson Sts Tiffin Ohio RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL

AURORA ILL SHEFFIELD DOORS INC SHEFFIELD ILL STANLEY WORKS NEW BRITAIN CONN

Starline Inc 300 W Front St Harvard Ill Tavart Co PO Box 42 Paramount Calif Vimear Sales Co PO Box 2187 Van Nuys Calif WAGNER MFG CO 122 W FIRST ST CEDAR

AGNER MFG CO 122 W FIRST AT CHIE FALLS IOWA /el-Bilt Vulcan Co Box 95 Memphis Tenn /ICKWIRE SPENCER STEEL DIV 5 MADISON AVE NEW YORK 19 NY 575

# HARDWARE, POCKET DOOR

ADAMS RITE MFG CO 540 W CHEVY CHASE GLENDALE 4 CALIF

Ajax Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif St Belleville

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DEXTER LOCK DIV DEXTER INDUSTRIES 1609 MADISON S E GRAND RAPIDS 2 1609 1 MICH

MICH GRANT PULLEY & HARDWARE CORP 31-85 WHITESTONE FLUSHING 54 NY HOWELL MFG CO N MOREHALL RD PAOLI PA KENNATRACK CORP ROUTE 5 E JACK-SON BLYD ELKHART IND Knape & Vogt Mfg Co 658 Richmond N W Grand Rapids 4 Mich

- Grand Rapids 4 Mich Grand Rapids 4 Mich LAWRENCE BROTHERS STERLING ILL LEIGH BLDG PROD DIV GLADE ST AT LARCH COOPERSVILLE MICH MACKLANBURG-DUNCAN CO 4041 N SAN-TA FE OKLAHOMA CITY OKLA NATIONAL MFG CO 1 FIRST AVE STERL-ING ILL STANLEY WORKS NEW BRITAIN CONN STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL WASHINGTON STEEL PRODS 1940 EAST 11TH ST TACOMA 2 WASH

#### HARDWARE, REVOLVING SHELF

H & M Cabinet Service 802 E 5th Auburn Ind LAKE DRIVE PRODS PO BOX 22 EDGER-TON WIS MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO TRIANCLE MFG CO 406 DIVISION ST OSHKOSH WIS Universal Steel Equipment Corp 32-35 47th Ave Long Island City 1 NY WASHINGTON STEEL PRODS 1940 EAST 11TH ST TACOMA 2 WASH

#### HARDWARE, SCREEN & STORM SASH

Air Tite Window Stay Co Chicopee Mass Ajax Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif

- Los Angeles 32 Calif Alto Mfg Co 1647 W Wolfram Chicago 13 III AMERICAN CABINET HARDWARE CO 416 E MAIN ST ROCKFORD ILL AMERICAN HARDWARE CORP CORBIN (P F) DIV 102 WASHINGTON ST NEW BRITAIN CONN AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON NEW BRITAIN CONN Busch (A G) & Co Los 2020 N Content

Busch (A G) & Co Inc 2632 N Central Ave Chicago 39 III Carey-McFall Co 2156 E Dauphin St Phila-

delphia 25 Pa Casement Hdwe Co 612 N Michigan Ave Chi-

11 III STEEL PRODS CORP 5601 W 26TH ST CECC

CHICAGO 50 ILL linton Lock Co 78-31st Avenue N Clinton Cli Iowa Dennis (W J) & Co 4444 Irving Pk Rd Chi-cago 41 Ill cago 41 III ENGINEERED PRODS CO 129 SMITH ST

FLINT 3 MICH FRANTZ MFG CO 301 W THIRD ST STER-LING LL GRIFFIN MFG CO 1515 CHERRY ST ERIE

6 PA 6 PA HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO Handy Things Mfg Co N Rowe St Ludington

Mich asco Industries Inc Railroad Ave E North-port LI NY leal Brass Works Inc 250 Fifth St St Paul 1

Minn INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS KEES (F D) MFG CO 700 PARK AVE BEATRICE NEBR Knape & Vogt Mfg Co 658 Richmond N W Grand Rapids 4 Mich Largon Co Avg G & C&NW Ry Sterling III

Grand Rapids 4 Mich Larson Co. Ave G & C&NW Ry Sterling III LAWRENCE BROTHERS STERLING ILL LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS Ludwig Mig Co Inc 1405-16th St Racine Wis MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA NATIONAL HARDWARE CO 101-57 100TH ST OZONE PARK NY

AMERICAN BUILDER

Handy Mich

Hasen

Id

NATIONAL LOCK CO 1902 7TH STREET ROCKFORD ILLINOIS NATIONAL MFG CO 1 FIRST AVE STER-LING ILL Parker (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY Penn-Akron Hdwe Corp 32nd Ave & 57th St Woodside 77 NY Phenix Mfg Co 4129 N Pt Washington Mil-waukee 12 Wis Phoenix Lock Co 327 Third Ave Newark 7 NJ PERVIOLES METHOD

Phenix Mig Co 4129 N PC Washington Mile waukee 12 Wis Phoenix Lock Co 327 Third Ave Newark 7 NJ REYNOLDS METALS CO BLDG PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY Safe Padlock & Hdwe Co Second & Crystal Sis Laneaster Pa Sharon Pardware Mfg Co 249 Pearce St Sharon Pardware Mfg Co 249 Pearce St Sharon Pardware Mfg Co 249 Pearce St Sharon Part Mig Co Shelby Ohio Slaymaker Lock Co 115 SW End Ave Lan-caster Pa STANLEY WORKS NEW BRITAIN CONN Star Metal Prod Inc 370 Butler St Brooklyn 17 NY

Star NY

NY Vincar Sales Co PO Box 2187 Van Nuys Calif Washburn Co 28 Union St Wareester Mass Vimear Sales Co PO Box 2187 Van Nuys Calif Washburn Co 28 Union St Worcester Mass WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF WICKWIRE SPENCER STEEL DIV 575 MADISON AVE NEW YORK 19 NY Wright Prods Ine St Paul Park Minn Yale & Towne Mfg Co 11 S Broadway White Plains NY

#### HARDWARE, SLIDING DOOR

Accurate Metal Weatherstrip Co 216 E 26th St New York 10 NY ACME

scurate Metal Weatherstrip Go New York 10 NY CME APPLIANCE MFG CO 35 S RAY-MOND AVE PASADENA 1 CALIF DAMS RITE MFG CO 540 W CHEVY CHASE GLENDALE 4 CALIF inx Hardware Mfg Corp 4351 Valley Blvd

Aiax

Ajnx Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif ALLITH PROUTY INC 819 N BOWMAN AVE DANVILLE ILL AMERICAN HARDWARE CORP CORBIN (P F) DIV 102 WASHINGTON ST NEW BRITAIN CONN AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN

AMERICAN SCREEN PROD CO 807 N W 20TH ST MIAMI 37 FLA American Sliding Door Hdwe Corp 25-16 12th St Long Island City NY Clay Equipment Corp 23 Builder St Cedar Falls Iowa Clinton Lock Co 78-31st Ave N Clinton Iowa

COLORADO FUEL & IRON CORP CLINTON MASS

COX ARTHUR & SONS INC 70 NO SYCA-MORE ST PASADENA CALIF

DEXTER LOCK DIV DEXTER INDUSTRIES 1609 MADISON S E GRAND RAPIDS 2 MICH

NGINEERED PROD CO 129 SMITH ST FLINT 3 MICH ENGINEERED

FRANTZ MFG CO 301 W THIRD ST STER-LING ILL arden City Plating & Mfg Co 1750 N Ash-land Ave Chicago 22 Ill G

GRANT PULLEY & HARDWARE 31-85 WHITESTONE FLUSHING 5 CORP 4 NY 54

AGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO HAGER

VES (HB) CO 5 ARTIZAN ST NEW HAVEN 8 CONN IVES

# Sliding Door Finish Hardware

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BUILDERS HARDWARE

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EDGE PULLS **JAMB BOLTS FLUSH PULLS** 

#### THE H. B. IVES CO., NEW HAVEN, CONN.

KENNATRACK CORP RTE 5 E JACKSON BLVD ELKHART IND Knape & Vogt Mig Co 658 Richmond N W Grand Rapids 4 Mich Lanebro Mig Co 110 Main St W Poughkeepsie

NY LAWRENCE BROTHERS STERLING ILL LEIGH BLDG PRODS DIV GLADE ST AT LARCH COOPERSVILLE MICH LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS

Long (Ralph L) Co 3570 Olive Lemon Grove Calif Louden Machinery Co 1120 Broadway Fair-

Louden Machinery Co 1120 Broadway Fair-field Iowa MACKLANBURG-DUNCAN CO 4041 N SAN-TA FE OKLAHOMA CITY OKLA Morgan Co 520 Oregon St Oshkosh Wis MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO NATIONAL MFG CO 1 FIRST AVE STER-LING ILL Ney Mfg Co 948 High Ave S W Canton 4 Ohio NORDAHL CO 180 W ALAMEDA AVE BUR-BANK CALIF Olson Mfg Co 620-24 S Broadway Albert Lea Minn

Olson Mfg Co 620-24 S Broadway Albert Lea Minn Pacific Brass & Hardware Mfg Co 2442 M Chico Ave El Monte Calif Parker (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY Parlyn Inc 556 S Monterey Pass Monterey Park Calif Packer (Co Lee Stife S Heares And Lee Ar

Park Calif Peabody Co Inc 5816 S Hooper Ave Los An-geles 11 Calif Phoenix Lock Co 327 Third Ave Newark 7 NJ RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL Sall (Harry) & Co Inc 964 M Darien St Philadelphia Pa

Sall (Harry) & Co Inc 964 M Darien St Philadelphia Pa STANLEY WORKS NEW BRITAIN CONN Starline Inc 300 W Front St Harvard Ill STERLING HARDWARE MFG CO 2345 NELSON ST CHICAGO 18 ILL U S Sliding Door Corp 25-16 12th St Long Island NY

Island NY Vimear Sales Co PO Box 2187 Van Nuys Calif WAGNER MFG CO 122 W FIRST ST CEDAR

WAGNER MFG CO 122 W FIRST ST CEDAR FALLS IOWA Wel-Bilt Vulcan Co Box 95 Memphis Tenn WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF Western Prod Inc New Castle Ind WICKWIRE SPENCER STEEL 575 MADI-SON AVE NEW YORK 19 NY Yale & Towne Mfg Co 11 S Broadway White Plains NY

#### HARDWARE, WINDOW

A R II WINDOW SALES CO 306 E STATE FAIR DETROIT 3 MICH

CME APPLIANCE MFG CO 35 S RAY-MOND AVE PASADENA 1 CALIF ACME ADAMS RITE MFG CO 540 W CHEVY CHASE GLENDALE 4 CALIF

CHASE GLENDALE 4 CALIF Ajax Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif AMERICAN CABINET HARDWARE CO 416 S MAIN ST ROCKFORD ILL



Austin & Eddy Inc Box 1504 Boston 4 Mass Austral Sales Corp 101 Park Ave New York 17 NY Â Casement Hardware Co 612 N Michigan Ave

Chicago 11 Ill Champion Hardware Co 3300 Miller St Geneva Ohio

Cipco Corp 22nd & Cole Sts St Louis 6 Mo Clinton Lock Co 78 31st & Avenue N Clinton Iowa

CORBIN (P&F) DIV AMERICAN HDWE CORP 102 WASHINGTON ST NEW BRIT-AIN CON Detroit Hardware Mfg Co 1320 Mt Elliott Detroit 7 Mich

DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH

DEXTER LOCK DIV DEXTER INDUSTRIES 1609 MADISON S E GRAND RAPIDS 2 1609 1 MICH

Erco Mfg Co 2368 Elston Ave Chicago 14 Ill Fivale Equipment Mfg Co 105 Reade St New York 13 NY

FRANTZ MFG CO 301 W THIRD ST STER-LING ILL

GRAND RAPIDS HARDWARE CO 560 11TH ST NW GRAND RAPIDS 2 MICH

GRANT PULLEY & HARDWARE CORP 31-85 WHITESTONE FLUSHING 54 NY GRIFFIN MFG CO 1515 CHERRY 8T ERIE 6

PA HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn

VES (H B) CO 5 ARTIZAN ST NEW HAVEN 8 CONN IVES



Knape & Vogt Mfg Co 658 Richmond N W Grand Rapids 4 Mich LAWRENCE BROTHERS STERLING ILL LUDMAN CORP 14100 BISCAYNE BLVD NO MIAMI FLA MACKLANBURG-DUNCAN CO 4041 N SAN-TA FE OKLAHOMA CITY OKLA MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA NATIONAL LOCK CO 1902 SEVENTH ST ROCKFORD ILL NATIONAL MFG CO 1 FIRST AVE STER-

NATIONAL MFG CO 1 FIRST AVE STER-LING ILL

NATIONAL MFG CO 1 FIRST AVE STER-LING ILL Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif Parker (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY Parlyn Inc 556 S Monterey Pass Monterey Park Calif Peabody Co Inc 5516 S Hooper Ave Los Angeles 11 Calif Phenix Mfg Co 4129 N Port Washington Mil-waukee 12 Wis Phoenix Lock Co 327 Third Ave Newark 7 NJ RUSSELL & ERWIN DIV AMERICAN HDWE CORP 102 WASHINGTON NEW BRITAIN CONN Safe Padlock & Hdwe Co 2nd & Crystal Sts Lancesster Pa ARGENT & CO 45 WATER ST NEW HAVEN 9 CONN

HAVEN 5 CONN Sharon Hardware Mfg Co 249 Pearce St Sharon Pa Shelby Metal Prods Co PO Box 525 Shelby Ohio

Skillman Hardware Co Edgewood Ave Trenton 4 N.I

Slaymaker Lock Co 115 SW End Ave Lan-

Caster Pa caster Pa STANLEY WORKS NEW BRITAIN CONN STAR EXPANSION BOLT CO 142 LIBERTY ST NEW YORK NY Star Metal Prod Inc 370 Butler St Brooklyn IT NY Steel Window Prod Co 550 Nassau Road Roosevelt LI NY STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL Sun Metal Prod Co 3319 W Carroll Chicago 24 III

Sun Ill

III Vimear Sales Co PO Box 2187 Van Nuys Calif VULCAN METAL PROD 2801 SIXTH AVE S BIRMINGHAM ALA Whitney (Vincent) Co PO Box 335 Sausalito

Calif

Calif Wright Prod Inc St Paul Park Minn Yale & Towne Mfg Co 11 So Broadway White Plains NY

#### **HEATERS, ELECTRIC**

Adam (Frank) Electric Co Box 357 Main P O St Louis Mo
Alkco Mig Co 4242 N Lincoln Chicago 18 III
Armstrong Prods Corp PO Box 940 Hunting-ton 12 W Va
BROAN MFG CO INC 1669 N WATER ST HARTFORD WIS
CAREY (PHILIP) MFG CO 320 S WAYNE CINCINATI 15 OHIO
CAVALIER CORP 341 W FIRST ST CHAT-TANOGA TENN
Ceilheat Inc 5212 Homberg Dr Knoxville Tenn Coburn Mf Co Whitewater Wis
Colloid Equipment Co Inc 19 Murray St New York 7 NY
Continental Radiant Glass Heating Corp 1 E 35th New York NY
Devices Inc Div Miracle Adhesives Corp 214 E 53rd New York 22 NY Adam (Frank) Electric Co Box 357 Main P O

G79

Electrend Prods Corp Box 110 St Joseph Mich Electrigias Corp Newbridge & Windsor Ber-genfield NJ

genneid NJ ELECTROMODE DIV COMMERCIAL CON-TROLS 45 CROUCH ST ROCHESTER 3 NY Excelsior Stove & Mfg Co 534 S Front St Quincy III

Quincy III Galbraith (C C) & Son Electric Corp 450 Ave of Americas New York 11 NY Heatmore Inc 59 Throop Ave Brooklyn 6 NY Jettronaireo Inc 1100 E Warrington Pittsburgh

10 Pa

Jettronaire Inc 1100 E Warrington Pittsburgh 10 Pa Kennedy Co 1620 Dime Bldg Detroit 26 Mich LaSaile Prods Inc 143 Sencea St Buffalo 3 NY Lightmore Appliance Corp 59 Throop Ave Brooklyn 6 NY Meier Electric & Machine Co Inc 3525 E Wash-ington Indianapolis Ind Moen Valve Div Ravenna Metal Prods 6518 Ravenna Ave Seatle 15 Wash MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Nesco Inc PO Box 6 Granite City III NU TONE INC RED BANK & MADISON CINCINNATI 27 OHIO Palmer Mg Co 2200 W Fillmore Phoenix Ariz Philadelphia 21 Pa

Philadelphia Electrical Mfg Co 1200 N 31st St Philadelphia 21 Pa PREWAY INC 1430 SECOND ST N WISCON-SIN RAPIDS WIS Rutenber Electric Co Inc Marion Ind Standard Electric Mfg Co Inc Haddon Ave W Berlin NJ Thermoray Corp S Buckout St Irvington-Hud-son NY Vulcan Electric Co 88 Holten St Danvers Mass Weix Electric Heater Co 391 First St San Exercise Colif Calif

WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA

HEATERS, UNIT

American Blower Corp Div American Radiator s111 Tireman Ave Detroit 32 Mich BROAN MFG CO INC 1669 N WATER ST HARTFORD WIS BRYANT HEATER CO 48 MONUMENT CIRCLE INDIANAPOLIS 4 IND Buffalo Forge Co 490 Broadway Buffalo 4 NY Burnham Corp Boiler Div 2 Main St Irvington NY

NY Carrier Corp 302 S Geddes St Syracuse 1 NY Clarage Fan Co 719 Porter St Kalamazoo Mich Cutler Hammer Inc 201 N 12th St Milwaukee

1 Wis DAY & NIGHT MFG DIV 700 ROYAL OAKS DR MONROVIA CALIF Delta Heating Corp 1 Cole St Trenton 8 NJ Dravo Corp Machinery Div Dravo Bidg Pitts-burgh 22 Pa

am (C A) Co 400 W Madison St Chicago Dunk

6 111 Earle Kitchen Unit Co 116 E 63rd St New York 21 NY Electrigias Corp Newbridge & Windsor Ber-genfield NJ

ELECTROMODE DIV COMMERCIAL CON-TROLS 45 CROUCH ST ROCHESTER 3

TROLS 45 CROUCH ST ROCHESIER -NY Fedders-Quigan Corp Lalor & Hancock St

Fedders-Quigan Corp Lalor & Hancock St Trenton NJ GEN ELECTRIC CO APPARATUS SALES I RIVER RD SCHENECTADY 5 NY Harms All Gas Co Allison Iowa Hartzell Propeller Fan Div 1964 Shoyer Ave Fiqua Ohio Henry Furnace Co Medina Ohio HERMAN NELSON DIV AMERICAN AIR FILTER 215 CENTRAL AVE LOUISVILLE

KY ILG Electric Ventilating Co 2850 N Pulaski Rd Chicago 41 Ill JANITROL DIV SURF COMBUSTION CORP 400 DUBLIN AVE COLUMBUS 16 OHIO Jetronaire Inc 1100 E Warrington Pittsburgh

10 P.

King Co Box Kresky Mfg LITTLE (H 10 Pa ing Co Box 178 Owatonna Minn resky Mfg Co 2nd & II Sts Petaluma Calif ITTLE (H C) BURNER CO P O BOX 66 SAN RAFAEL CALIF

SAN RAFAEL CALIF McCord Corp Riopelle & E Grand Detroit 11 Mich McQuay Inc 1600 Broadway N E Minneapolis

McQuay Inc 1600 Broadway N E Minneapolis Minn Modine Mfg Co 1300 Dekoven Ave Racine Wis MUELLER CLIMATROL CORP 2005 W OKLAHOMA ST MILWAUKEE 15 WIS Murray (D J) Mfg Co 1024 Third St Wusau Wis Nat'l U S Radiator Corp 223 Central Ave Johnstown Pa NESBITT (JOHN J) INC STATE RD & RHAWN ST PHILADELPHIA 36 PA NORMAN PROBS CO 1150 CHESAPEAKE COLUMBUS 12 OHIO OLSEN (C A) MFG CO FILBERT ST ELY-RIA OHIO Peerless Mfg Co 1400 W Ormsby St Louis-ville 10 KY PERFECTION INDUSTRIES DUY HUPP

PERFECTION INDUSTRIES DIV HUPP CORP 7609 PLATT AVE CLEVELAND 4 OHIO

REZNOR MFG CO DAVID ST MERCER PA Rittling Corp Rittling Bldg Buffalo 5 NY

ROBERTS GORDON APPLIANCE CORP 44 CENTRAL AVE BUFFALO 6 NY Trane Co Third and Cameron La Crosse Wis United States Air Conditioning Co Como Ave SE at 33 Minneapolis Minn UTILITY APPLIANCE CORP 4851 S ALA-MEDA ST LOS ANGELES 58 CALIF WEBSTER (WARREN) & CO 17TH & FED-ERAL STS CAMDEN 5 NJ Wesix Electric Heater Co 391 First St San Francisco Calif Westinghouse Air Conditioning Div Rox 510

Air Conditioning Div Box 510

Westinghouse

Westingnouse Air Conditioning Div Dos 440 Stauton Va WORTHINGTON CORP HARRISON WORTH-INGTON HARRISON NJ Young Radiator Co 709 S Marquette St Racine

#### HEATERS, WALL

Adam (Frank) Electric Co Box 357 Main P O St Louis Mo Adams Bros Mfg Co Inc 1500 North Ave W Pittsburgh 33 Pa Alkco Mfg Co 4242 N Lincoln Chicago 18 Ill Armstrong Proda Corp P O Box 940 Hunting-ton 12 W Va

Armstrong Prods Corp P O Box 940 Hunting-ton 12 W Va CAVALIER CORP 341 W FIRST ST CHAT-TANOOGA TENN Ceilheat Inc 5212 Homberg Dr Knoxville Tenn CHATTANOOGA OYAL CO FIRST & DEL-MAR STS CHATTANOOGA 6 TENN COLEMAN CO INC 250 N ST FRANCIS WICHITA 1 KANS DAY & NIGHT MFG DIV 700 ROYAL OAKS DR MONROVIA CALIF Dearborn Stove Co 1700 W Commerce St Dallas Texas Delta Heating Corp 1 Cole St Trenton 8 NJ Electrigias Corp Newbridge & Windsor Ber-genfield NJ ELECTROMODE DIV COMMERCIAL CON-

Electrigias Corp Box 110 St Joseph Alica
 Electrigias Corp Box 110 St Joseph Alica
 Electrono Bergennia Corp Box 110 St Joseph Alica
 ELECTROMODE DIV COMMERCIAL CONTROLS 45 CROUCH ST ROCHESTER 3 NY
 FLORENCE STOVE CO 1134 MDSE MART
 Calbraith (C C) & Son Elec Corp 450 Ave of Americas New York 11 NY
 General Water Heater Corp 1 E Magnolia
 Bivd Burbank Calif
 HAMMEL RADIATOR ENGINEERING CO
 J348 MOTOR AVE LOS ANGELES CALIF
 Haut Heater Corp Ave Brooklyn 6 NY
 HOLLY MFG CO AVE ALIF
 Hunt Heater Corp 220 12 Ave North Nashville Tenn
 Kresky Mfg Co 2nd & H Sts Petaluma Calif
 Lasule Prods Inc 143 Seneca St Buffalo 3 NY
 LAMKEL ELECTRIC PRODS INC 129 149
 SENECA ST BUFFALO 3 NY
 MAKEL ELECTRIC PRODS INC 129 149
 SENECA ST BUFFALO 3 NY
 MIAMI CABINET DIV CAREY (PHILIP)
 MFG CO 1590 GRAND AVE MIDDLETOWN
 OHIO

MFG CO 1930 GRAND AVE MIDDLETOWN OHIO Nesco Inc P O Box © Granite City III OHIO FOUNDRY & MFG CO 629 SLACK ST STEUBENVILLE OHIO

Payne Division of Carrier Corp 700 Royal Oaks Dr Monrovia Calif Peerless Mfg Co 1400 W Ormsby St Louisville

10 Ky PERFECTION INDUSTRIES DIV HUPP 7609 PLATT AVE CLEVELAND 4 OHIO Pioneer Water Heater Corp 3131 San Fer-nando Los Angeles 65 Call? PREWAY INC 1439 SECOND ST N WIS-CONSIN RAPIDS WIS PRYNE & CO INC 149 N TOWNE POMONA

CALIF ALIF AKER MFG CO 1147 MERCHANDISE M or

QUĂKÊR MFG CO 1147 MERCHANDISE M CHICAGO ILL Queen Stove Works Inc 505 Front St Albert Lea Min Moen Valve Co Div Ravenna Metal Prod 6518 Ravenna Ave Seattle 15 Wash RHEEM MFG CO 7600 S KEDZIE AVE CHI-CAGO 29 ILL Shepler Mfg Co 1115 Arlington Ave Pittsburgh 32 Pa

13 Pa THERMADOR ELECTRIC MFG CO 5119 DIS-TRICT BLVD LOS ANGELES 22 CALIF Thermoray Corp South Buckhout St Irvington-on-Hudson NY Titan Mfg Co Inc 701 Seneca St Buffalo 10 NY

Titan Mig Co Inc 101 General 2018 NY UTILITY APPLIANCE CORP 4851 S ALA-MEDA ST LOS ANGELES 58 CALIF Wesix Electric Heater Co 391 First St San Francisco Calif WESTINGHOUSE ELECTRIC CORP P O BOX 866 PITTSBURGH 30 PA ZINK (JOHN) CO 4401 S PEORIA TULSA 5 OKLA

#### HEATERS, WATER

Adams Co P O Box 268 Dubuque Iowa Aeroil Prods Co Inc 69 Wesley St S Hacken-sack NJ

Aldrick Co 111 Williams St Wyoming III AMERICAN STANDARD PLUMBING & HEATING DIV P O BOX 1226 PITTS-BURGH 30 PA

BURGH 30 FA Wagoner Corp Sidco Dr Box 7098 South Nash-ville 10 Tenn Atlanta Stove Works 112 Krog St N E Atlanta

orgia GOSSETT CO 8200 Austin Morton BELL &

BELL & GOSSEA, Grove III Brower Mig Co Box 251 Quincy III BROWN STOVE WORKS INC P O BOX 495 CLEVELAND TENN BRYANT HEATER CO 48 MONUMENT BRYANT HEATER CO 48 MONUMENT BRYANT HEATER CO 48 MONUMENT BRYANT HEATER CO 48 MONUMENT

CARTIER CORP 302 S Geddea St Syracuse 1 NY CLAYTON & LAMBERT MFG CO 1701 DIXIE HWY LOUISVILLE 10 KY Cleveland Heater Co 2310 Superior Ave Cleve-

Deepfreeze

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10 Pa

T11

Cleveland Heater Co 2310 Superior Ave Cleve-land 14 Ohio CLEVELAND STEEL PRODS CO 16025 BROOKPARK RD CLEVELAND 11 OHIO COLEMAN CO INC 250 N ST FRANCIS WICHITA 1 KANS Colloid Equipment Co Inc 19 Murray St New York 7 NY COMBUSTION ENGINEERING INC 911 W MAIN ST CHATTANOGGA TENN Crane Co 836 S Michigan Chicago 5 111 Crane Electric Industries Eugene Ore CROSLEY DIV AVCO MFG CORP 1329 AR-LINGTON ST CINCENNATI 25 OHIO DAY & NIGHT MFG DIV 700 ROYAL OAKS DR MONROVIA CALIF Dearborn Stove Co 1700 W Commerce St Dallas Texas Deepfreeze Appliance Div 2301 Davis St No

epfreeze Appliance Div 2301 Davis St No Chicago III

Chicago III DELCO APPLIANCE DIV LYELL & WHIT-NEY ST ROCHESTER NY Dewey-Shepard Boiler Co 1311 N Capitol Ave Indianapolis Ind Dowagias Steel Furnace Co Dowagiac Mich

Dowagiac Steel Furnace Co Dowagiac Mich Duo-Therm Div Mt Hope & Washington Lan-sing 3 Mich Eagle Electric Mfg Co 23-10 Bridge Plaza Long Island City NY Economaster Sales Inc 120-Ninth Ave N Nash-

ville Tenn Excelsion Stove & Mfg Co 534 B Front St Quincy III Fairbanks Morse & Co 600 S Michigan Ave Chicago 5 III Fowler Mfg Co 2545 S E Gladstone Portland

Ore FRIGIDAIRE DIV GENERAL MOTORS CORP 300 TAYLOR ST DAYTON 1 OHIO GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY

RI General Water Heater Corp 1 E Magnolia Blvd Burbank Calif Gillen (J L) Co 12202 Wormer Ave Detroit 28

Gray & Dudley Co 2300 Clifton Rd Nashville Tenn

HANDLEY-BROWN HEATER CO 2101 BROOKLYN RD JACKSON MICH Harrison Steel Cabinet Co 4718 W Fifth Ave Chicago 44 III

HEDGES (M M) MFG CO INC 700 E MAIN ST CHATTANOOGA TENN Home Essentials Corp 79 Cliff New York NY

HOTPOINT CO 5600 W TAYLOR ST CHI-CAGO 44 ILL HOTSTREAM HEATER CO 2363 E 69TH ST CLEVELAND 4 OHIO

HYDRALINE PRODS DIV BORG-WARNER CORP 18538 MACK AVE DETROIT 36 MICH HYDROTHERM INC CLINTON AVE NORTH-H DROTHERM INC CLINTON AVE NORTH-VALE NJ Hynes & Cox Electric Co Cohoes Rd & Elm St Watervaliet NY Ingersoll Conditioned Air Div Borg-Warner 760 E Vine St Kalamazoo Mich Jackson Prods Co 3703 E 93rd St Cleveland 5 Ohio

Jettronaire Inc 1100 E Warrington Pittsburgh

10 Fa JOHNSON (S T) CO 940 ARLINGTON AVE OAKLAND 8 CALIF Kelvinator Div American Motors Co 14250 Plymouth Rd Detroit 32 Mich Kennedy Co 1620 Dime Bldg Detroit 26 Mich Kewanee Boiler Div American-Standard 101 Franklin St Kewanee III

Frankin St Rewanee III KOVEN & BRO INC 154 OGDEN AVE JER-SEY CITY 7 NJ Kresky Mfg Co 2nd & H Sts Petaluma Calif Kresno-Stamm Mfg Corp 115 W Palisades Bivd Palisades Park NJ Lawson Mfg Co Box 133 New Kensington Pa

LITTLE (H C) BURNER CO P O BOX 60 SAN RAFAEL CALIF McGraw Electric Co 5201 W 65th St Chicago 38

METROMATIC MFG CO 15 WINCHESTER ST MEDFORD MASS Midget Heater & Specialty Co 2801 Pacific Ave Tacoma Wash Monarch Malleable Iron Range Co 1516 Lake St Beaver Dam Wis

MUSTEE (E L) & SONS INC 6911 LORAIN AVE CLEVELAND 2 OHIO

AMERICAN BUILDER

eral Fittings Co P O Box 151 E Greenwich

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Nat'l-U S Radiator Corp 223 Central Ave Johnatown Pa WERCHANDISE MART CHICAGO ILL NORRIS THERMADOR CORP S215 BOYLE AVE LOS ANGELES 58 CALIF Odin Stove Mfg Co 342 W 12th Erie Pa PAU DETROIT 2 MICH PERFECTION INDUSTRIES DIV HUPP CORP 7609 PLATT AVE CLEVELAND 4 ODING W 1002 S2 COLUMN DATA

OHIO Petro 3170 W 106th St Cleveland 11 Ohio Philadelphia Electrical Mfg Co 1200 N 31st St Philadelphia 21 Pa Pioneer Water Heater Corp 3131 San' Fer-nando Los Angeles 65 Calif Queen Stove Works Inc 505 Front St Albert Lea Minn Quiet Automatic Burner Corp 33 Bloomfield Ave Newark 4 NJ Ray Oil Burner Co 1301 San Jose Ave San Francisco Calif

Ave Newark 4 NJ Ray Oil Burner Co 1301 San Jose Ave San Francisco Calif Republic Heater Div Odin Stove Mfg 2231 Randolph St Huntington Pk Calif RHEEM MFG CO 7600 S KEDZIE AVE CHI-CAGO 29 ILL CAGO 29 LL Cone 7th & Hospital Sta

CAGO 29 ILL Richmond Engr. Co Inc 7th & Hospital Sts Richmond 5 Va Rutenber Electric Co Inc Marion Ind RUUD MFG CO 2025 FACTORY ST KALA-MAZOO 24 MICH

MAZOO 24 MICH Sav-U-Time Devices Inc 88 Manhattan St Rochester 7 NY Scalfe Co Div Timkin Silent Automa 26 Ann St Oakmont (Pittsburgh Dist) Pa Sepec Corp 860 Cross St Pottstown Pa SMITH (A O) CORP PERMAGLAS DIV PO BOX 28 KANKAKEE ILL

Taco Heaters Inc 1160 Cranston St Cranston 9

nnessee Stove Works 14th & Holtzelaw T

Tennessee Stove Works 14th & Holtzclaw Chattanooga Tenn THERMADOR ELECTRIC MFG CO 5119 DIS-TRICT BLVD LOS ANGELES 22 CALIF UTILITY APPLIANCE CORP 4851 S ALA-MEDA ST LOS ANGELES 58 CALIF Viking Mfg Corp 1747 Chester Ave Cleveland 14 Obic

MEUA OF Viking Mfg Corp 1747 Chester And 14 Ohio Vulcan Electric Co 88 Holten St Danvers Mass Waldorf Heater Co 1421 Chestnut St Phila-bia-bia 2 Pa INC 36-40 NEW

Waldorf Heater Co 1421 Chestnut St Danvers Massa delphia 2 Pa WATERFILM BOILERS INC 36-40 NEW YORK AVE JERSEY CITY NJ Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind Wesix Electric Heater Co 391 First St San Francisco Galif WESTINGHOUSE ELECTRIC-ELEC APPL DIV 246 E FOURTH ST MANSFIELD OHIO WESTINGHOUSE ELECTRIC-

OHIO WESTINGHOUSE ELECTRIC CORP P O BOX 868 PITTSBURGH 30 PA WHITE PROOS CORP 98 E MAIN ST MID-DLEVILLE MICH Whitehead (Jul) Heater Co 1043 W MacArthur Emeryville 8 Calif

#### **HEATING CONTROLS**

American-Standard Air Conditioning Div Ely-

American-Standard Air Conditioning Div Ely-ria Chio BELL & GOSSETT CO 8200 AUSTIN MOR-TON GROVE ILL Bessam Engr Co 2528 Overlook Rd Cleveland Heights 6 Ohio Carrier Corp 302 S Geddes St Syracuse 1 NY Ceilheat Inc 5212 Homberg Dr Knoxville Tenn Crane Co 836 S Michigan Chicago 5 Ill DETROIT CONTROLS CO 5900 TRUMBULL AVE DETROIT 8 MICH Dunham (C A) Co 400 W Madison St Chicago 6 Ill General Controls Co 801 Allen Ave Glendele

General Controls Co 801 Allen Ave Glendale

General Controls Co 801 Allen Ave Glendale 1 Calif GENERAL ELECTRIC CO APPARATUS SALES DIV 1 RIVER ROAD SCHENEC-TADY 5 NY GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL Hoffman Specialty Mfg Corp 1700 W 10th St Indianapolis 7 Ind IRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO McDonnel & Miller Inc 3500 N Spaulding Chicago 18 Ill Mercoid Corp 4201 W Belmont Ave Chicago

Mercoid Corp 4201 W Belmont Ave Chicago 111

MINNEAPOLIS HONEYWELL REGULATOR 2747 S FOURTH AVE MINNEAPOLIS 8

MINNEAPOLIS HONEYWELL REGULATOR 2747 S FOURTH AVE MINNEAPOLIS 8 MINN Nat1-U S Radiator Corp 223 Central Ave Johnstown Pa Paragon Electric Co 1606-12th St Two Rivers Wis Penn Controls Inc Goshen Ind Powers Regulator Co 3400 Oakton St Skokie Incompare Controls Incompared Paragement Controls Incompared Paragement Controls Incompared Paragement Control Structure Control Str

III Sarcotherm Controls Inc Empire State Bldg New York 1 NY Soreng Prods Corp 9555 Soreng Ave Schiller Park III Metals Controls Div Spencer Thermo 30 For-est Attleboro Mass Taco Heaters Inc 1160 Cranston St Cranston 9 RI

Taylor Instrument Co Olson & Ames St Roch-ester 1 NY

APRIL 1956

Tork Clock Co Inc 1 Grove St Mt Vernon NY Triplex Heating Specialty Co Inc 242-68 Grant

Triplex Heating Specialty Co Inc 242-68 Grant Steven International Specialty Co Inc 242-68 Grant BESTER (WARREN) & CO 17TH & FED-ERAL STS CAMDEN 5 NJ Wesix Electric Heater Co 391 First St San Francisco Calif WESTINGHOUSE ELECTRIC CORP P O BOX 568 PITTSBURGH 30 PA WHITE RODGERS ELECTRIC CO 1209 CASS AVE ST LOUIS 6 MO Young Regulator Co 5209 Euclid Ave Cleve-land 3 Ohio

# HEATING SYSTEMS, BASEBOARD

MERICAN STANDARD PLUMBING & HEATING DIV P O BOX 1226 PITTS-BURGH 30 PA AMERICAN

BURGH 30 PA BELL & GOSSETT CO 8200 AUSTIN MOR-TON GROVE ILL Berger Furnace Corp 4th & Main St Belle Vernon Pa Burnham Corp Boiler Div 2 Main St Irving-ton NY Crane Co 836 S Michigan Chicago 5 Ill Dunham (C A) Co 400 W Madison St Chicago 6 Ill

DUNKIRK RADIATOR CORP 85 MIDDLE RD DUNKIRK NY Ejay Baseboard Mfg Co 124 Boyd St Win-sted Conn

Electriglas Corp Newbridge & Windsor Ber-genfield NJ

ELECTROMODE DIV COMMERCIAL CON-TROLS 45 CROUCH ST ROCHESTER 3 NY

NY Fedders-Quigan Corp Lalor & Hancock St Trenton NJ General Automatic Prods Corp 2300 Sinclair Lane Baltimore 13 Md

GERWIN INDUSTRIES 214 SPRING MICH-IGAN CITY IND Heatmore Inc 59 Throop Ave Brooklyn 6 NY

HERMAN NELSON DIV AMERICAN AIR FILTER CO 215 CENTRAL AVE LOUIS-VILLE KY

VILLE KY Hoffman Specialty Mfg Corp 1700 W 10th St Indianapole 7 Ind Jettronaire Inc 1100 E Warrington Pittsburgh 10 Pa

10 Pa **KRITZER RADIANT COILS INC 2903 LAW-RENCE AVE CHICAGO 25 ILL** Moore Dry Kin Co 1220 W State St. Jackson-ville Fla Nat'l-U S Radiator Corp 223 Central Ave Johnstown Pa

NESBITT (JOHN J) INC STATE I RHAWN ST PHILADELPHLA 36 PA RD &

RHAWN ST PHILADELPHIA 36 PA PRECISION PARTS CORP 400 N FIRST ST NASHVILLE 7 TENN Premier Furnace Co Box 150 Dowagiae Mich Radigat-Ray Radiation Inc Newington Conn Rittling Corp Rittling Bldg Buffalo & NY Slant-Fin Radiator Corp 87 130th St Rich-mond Hill 18 NY Thermoray Corp South Buckhout St Irvington-on-Hudson NY

Utica 1 2 NY Radiator Corp 2201 Dwyer Ave Utica

Viking Mi 14 Ohio Mfg Corp 1747 Chester Ave Cleveland

VULCAN RADIATOR CO 775 CAPITOL AVE HARTFORD CONN

# AIR-TRIM

The Warm Air Baseboard Preferred by Builders

VULCAN RADIATOR CO.

775 Capitol Ave., Hartford 6, Conn.

WEBSTER (WARREN) & CO 17TH & FED-ERAL STS CAMDEN 5 NJ Weil-McLain Co Michigan City Ind Weisz Electric Heater Co 391 First St San Francisco Calif

FRANCISCO CAIN WESTINGHOUSE ELECTRIC CORP P O BOX 868 PITTSBURGH 30 PA York-Shipley Inc P O Box 349 York Pa Young Radiator Co 709 S Marquette St Ra-cine Wis

#### **HEATING SYSTEMS, ELECTRIC**

Ceilheat Inc 5212 Homberg Dr Knoxville Tenn Devices Inc Div Miracle Adhesives 214 E 53rd New York 22 NY Electrend Prods Corp Box 110 St Joseph Mich Electrigias Corp Newbridge & Windsor Ber-genfield NJ

ELECTROMODE DIV COMMERCIAL CON-TROLS 45 CROUCH ST ROCHESTER 3 TROLS

GENERAL ELECTRIC CO CONSTRUCTION MATERIALS DIV 1255 BOSTON AVE BRIDGEPORT CONN Heatmore Inc 59 Throop Ave Brooklyn 6 NY Lightmore Appliance Corp 59 Throop Ave Brooklyn 6 NY

Lightmore Appliance Corp 59 Throop Ave Brooklyn 6 NY Meier Electric & Machine Co Inc 3525 E Washington Indianapolis Ind PRECISION PARTS CORP 400 N FIRST ST NASHVILLE 7 TENN Moen Valve Co Div Ravenna Metal Prods 6518 Ravenna Ave Seattle 15 Wash Thermoray Corp South Buckhout St Frvington-on-Hudson NY Wesix Electric Heater Co 391 First St San Francisco Calif WESTINGHOUSE ELECTRIC CORP P O BOX 868 PITTSBURGH 30 PA

#### HEATING SYSTEMS, HOT WATER OR STEAM

AMERICAN STANDARD PLUMBING & HEATING DIV PO BOX 1226 PITTS-BURGH 30 PA BELL & GOSSETT CO 8200 AUSTIN MOR-TON GROVE ILL

Burnham Corp Boiler Div 2 Main St Irving-ton NY

BUSH MFG CO 179 SOUTH ST WEST BUSH MFG CO 179 SOUTH ST WEST GRADIES ENERGY OF AN IN THE SE CEDAR CHARTER SOUTH ST WEST INTERNATION OF A SOUTH ST WEST BROOKPARK RD CLEVELAND 11 OHIO COAL-OMAGIE DIV DALLAS ENGINEERING INC 511 W MAIN ST CHATTANOOGA TENN CRADE CO 858 5 SWICHERON 6 101

MAIN ST UHATTANOOGA TENN Crane Cq 286 5 Michigan Chicago 5 III DELCO, APPLIANCE DIV LYELL & WHIT-NEY ST ROCHESTER NY Dunham (C A) Co 400 W Madison St Chicago 6 III

EUREKA WILLIAMS CO DLV HENNEY MOTOR CO BLOOMINGTON ILL MOTOR CO BLOOMINGTON ILL Fedders-Quigan Corp Lalor & Hancock St Trenton NJ Ceneral Automatic Prods Corp 2300 Sinclair Lane Baltimore 13 Md GENERAL ELECTRIG CO 5 LAWRENCE ST BLOOMFIELD NJ Gilhert & Barker Mfg Corp 1700 W 10th St Indianapolis 7 Ind HYDRALINE PRODS DIV BORG-WARNER 18538 MACK AVE DETROIT 36 MICH International Heater Co 101 Park Ave Utica NY

NY IRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO Jettronaire Inc 1100 E Warrington Pittsburgh

10 Pa JOHNSON (S T) CO 940 ARLINGTON AVE OAKLAND & CALIF KOHLER CO, 44 HIGH ST KOHLER WIS Kresno-Stamm Mfg Corp 115 W Palisades Blvd Palisades Fark NJ KRITZER RADIANT COILS INC 2903 LAW-RENCE AVE CHICAGO 25 ILL Lookout Boiler & Mfg Co Mfg Rd & Compress Chattanooga Tenn McCord Corp Biopellerg Grand Detroit 11 Mich

Chattanooga Tenn McCord Corp Riopellexe Grand Detroit 11 Mich MUELLER CLIMATROL CORP 2005 W OKLAHOMA ST MILWAUKEE 15 W18 Munroe & Sons Mfg Corp Smallman at 23rd Pitaburgh 22 Pa D J Murray Mfg Co 1024 Third St Wausau Wie

Nat'l-US Radiator Corp 223 Central Ave

Nat'l-US Hadiator Corp 223 Central Avo Johnstown Pa RESBITT (JOHN J) INC STATE RD & RHAWN ST PHILADELPHIA 36 PÅ PENN BÖILER & BURNER MFG CORP FRUITVILLE RD LANCASTEB PA Persino Mfg Corp 38 Keer Ave Newark 5 NJ PRECISION PARTS CORP 400 N FIRST ST NASHVILLE 7 TENN

RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ

METUCHEN NJ ROBERTS GORDON APPLIANCE CORP 44 CENTRAL AVE BUFFALO 6 NV Seattle Boiler Works Inc 5237 E Marginal Wy Seattle 4 Wash Suburban Propane Gas Corp Box 206 Whip-pany NJ Taco Heaters Inc 1160 Cranston St Cranston

9 RI THRUSH (H A) & CO PERU IND Trane Co 3rd and Cameron La Crosse Wis Triplex Heating Specialty Co Inc 242-68 Grant St Peru Ind United States Air Conditioning Co Como Ave SE at 33rd Minnespolis Minn Utica Radiator Corp 2201 Dwyer Ave Utica 2 Withow W.C.

Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio WATERFILM BOILERS INC 36-40 NEW YORK AVE JERSEY CITY NJ WEBSTER (WARREN) & CO 17TH & FED-ERAL STS CAMDEN 5 NJ Weil-McClain Co Michigan City Ind York-Shipley Inc FO Box 349 York Pa

G81

D J I Wis

#### HEATING SYSTEMS, RADIANT

ANACONDA COPPER & BRASS DIV AMERICAN BRASS CO 414 MEADOW ST WATERBURY 20 CONN BELL & GOSSETT CO 8200 AUSTIN MOR-TON GROVE ILL Berger Furnace Corp Fourth & Main Sts Belle

Vernon Pa Burnham Corp Boiler Div 2 Main St Irvington NN

NY Cannelton Sewer Pipe Co 4th & Washington Cannelton Ind

Cannelton Ind Ceilheat Inc 5212 Homberg Dr Knoxville Tenn ELECTROMODE DIV COMMEDIAT CON-TROLS 45 CROUCH ST ROCHESTER 3 NY Heatmore Inc 50 Throop Ave Brooklyn 5 NY Hoffman Specialty Mfg Corp 1700 W 10th St Indianapolis 7 Ind

Jettronaire Inc 1100 E Warrington Pittsburgh

10 Pa KRITZER RADIANT COILS INC 2903 LAW-RENCE AVE CHICAGO 25 ILL Nat'l-U & Radiator Corp 22 3Central Ave

Nat'l-U S Radiator Corp 22 3Central Ave Johnstown Pa PRECISION PARTS CORP 400 N FIRST ST NASHVILLE 7 TENN Moen Valve Co Div Ravenna Metal Proda 6518 Ravenna Ave Seattle 15 Wash Reflectotherm Inc 26 E University Cincinnati

19 Ohio Ta Heaters Inc 1160 Cranston St Cranston

Q RI 9 RI Thermoray Corp S Buckhout St Irvington-on-Hudson NY THRUSH (H A) & CO PERU IND The

Utica Radiator Corp 2201 Dwyer Ave Utica 2

NY Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio Wesix Electric Heater Co 391 First St San Francisco Calif York-Shipley Inc P O Box 349 York Pa

#### HEATING SYSTEMS, WARM AIR

American Foundry & Furnace Co 125 N Mc-Clun St Bloomington Ill American-Standard Air Conditioning Div Ely-

ria Ohio

Aria Ohio Anchor Div Stratton & Terstegge Co 300 Cul-bertson Ave New Albany Ind ARMSTRONG FURNACE CO 851 W THIRD AVE COLUMBUS 8 0HIO Berger Furnace Corp Fourth & Main Sts Belle Vernon Pa BRYANT HEATER CO 48 MONUMENT CIRCLE INDIANAPOLIS 4 IND Carrier Corp 302 S Geddes St Syracuse 1 NY Century Engr Corp 401 Third SE Cedar Rap-ida Iowa

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MAJESTIC CO INC HALL ST HUNTING-TON IND METROMATIC MFG CO 15 WINCHESTER ST MEDFORD MASS MORRISON STEEL PRODS INC 601 AM-HERST ST BUFFALO 7 NY MUELLER CLIMATROL CORP 2005 W OKLAHOMA ST MILWAUKEE 15 WIS Nat'l-US Radiator Corp 223 Central Ave Lohndrown Pa

Johnstown Pa Johnstown Pa Johnstown Pa NIAGARA FURNACE DIV FOREST CITY FOANDRES 2500 W 27TH ST CLEVE-COLUMBUS 12 OHIO Northwest Metal Prod Inc 55 Spokane St Seattle 4 Wash Oakland Foundry Co Belleville Ill

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HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO Ideal Brass Works Inc 250 E Fifth St St Paul

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New York 2 NY New York 2 NY Phoenix Lock Co 327 Third Ave Newark 7 NJ RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL RUSSELL & ERWIN DIV AMERICAN HOWE CORP 102 WASHINGTON NEW BRITAIN CONN Sharon Hardware Mfg Co 249 Pearce St Sharon Pa Slaymaker Lock Co 115 SW End Ave Lan-

Slaymaker Lock Co 115 SW End Ave Lan-caster Pa SOSS (HENRY) & CO 5716 W 96TH ST LOS ANGELES CALIF STANLEY WORKS NEW BRITAIN CONN United States Lock & Hdwe Co Columbia Pa Wright Frods Inc St Paul Fark Minn

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Carcy-McFall Co 2156 E Dauphin St Philadel-phia 25 Pa HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO Ideal Brass Works Inc 250 East Fifth St St Paul 1 Minn Knape & Vogt Mfg Co 658 Richmond NW Grand Rapids 4 Mich MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO NATIONAL LOCK CO 1992 7TH ST ROCK-FORD ILLINOIS Parker (S) Hdwe Mfg Corp 27 Ludlow St

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ACME APPLIANCE MFG CO 35 & RAY-MOND AVE PASADENA 1 CALIF AMERICAN CABINET HARDWARE CO 416 S MAIN ST ROCKFORD ILL NATIONAL LOCK CO 1992 SEVENTH ST

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Chisholm-Moore Hoist Div Fremont Ave Tona-wands NY Cleveland Tramrail Div 5866 E 289th St Wickliffe Ohio Coffing Hoist Div Duff-Norton Co 800 Walters St Danville III

Durbin-Durco Inc 1435 Woodson Rd St Louis 14 Mo National Screw & Mfg Co 2440 E 75th St Cleveland 4 Ohio

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- Romanis & Wyers 1845 Lagonda Ave Spring-field Ohio
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   Round (David) & Son Inc PO Box 883 Cleve-land 22 Ohio
   Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill
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- Pa Yale & Towne Mfg Co 11000 Roosevelt Phila-delphia 15 Pa

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- ensack NJ Allis-Chalmers Mfg Co 1126 S 70th St Mil-waukee 1 Wis American Hoist & Derrick Co 63 S Robert St St Paul 1 Minn C H & E Mfg Co 3849 N Palmer St Milwau-
- kee 12 Wis Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY Cleveland Tramrail Div 5866 E 289th St Wick-
- liffe Ohio

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- Cleverando 20 Onto Patent Scaffolding Co The 38-21 12th St Long Island City 1 NY Reading Crane & Hoist Corp 2100 Adams St Reading Pa Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio Round (David) & Son Inc PO Box 883 Cleve-land 22 Ohio Sasgen Derrick Company 3101 W Grand Ave Chicago 22 III Shaw-Box Crane & Hoist Div 414 Broadway Muskegon Mich Shepard Miles Crane & Hoist Corp 410 Schuyler Ave Montour Falls NY Silent Hoist & Crane Co 875 63rd St Brooklyn 20 NY
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- Washington Iron Works 1500 Sixth Ave S Scattle 4 Wash

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- Maaa
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Air-O-Cel Co Box 62 Ferndale Station Detroit

Alr-O-Cel Co Box 62 Fernale Station Detroit 20 Mich STOCKER MFG CO NETCONG NJ UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL Wilson (Grant) Inc 141 W Jackson Blvd Chi-cago 4 Ill

# INSULATION, GLASS CELLULAR

American Bildrok Co 2001 W Pershing Rd

American Bilitok Co 2001 w Persing Ra Chicago 9 Ill PITTSBURGH CORNING CORP I GATEWAY CENTER PITTSBURGH 22 PA Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill

#### INSULATION, GRANULAR FILL, EXPANDED, VERMICULITE, ETC.

EXPANDED, VERMICULIE, EIC.
Berger Insulation Co Inc 5920 Centre Ave Pittsburgh 6 Pa
Zonolite Co Box 5120 Benning Station Wash-ington 19 DC
Dodson Mfr Co Inc 1463 Barwise Wichita Kana DOW CHEMICAL CO 1000 MAIN ST MID-LAND MICH
Empire Roofing & Insulation Co Tulsa Okla Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
Great Lakes Carbon Corp Perlite Div 612 S Flower Los Angeles 17 Calif
Mann & Steele Inc Castle Island Terminal South Boston Mass
Nelson (B F) Mfg Co 401 NE Main St Minne-apolis 13 Minn
Perlite Mfg Co Arch St PO Box 478 Car-negie Pa
Pyramid Co 5100 Manchester St Louis 10 Mo Robinson Insulation Co PO Box 1419 Great Folwer (F E) & Co Inc 504 Railroad St Joliet III
Silbrico Corn 5001 W 66th St Chicago 28 III

- Falls Mo Schundler Joliet Ill

Silbrico Corp 5901 W 66th St Chicago 38 Ill Texas Vermiculite Co 813 Airport Blvd Austin

Texas Vermiculite Inc 333 SW First Salt Lake City Utah Utan Vermiculite-Northwest Inc 2107 N 34th Seattle Wash

- Waylite Co 20 N Wacker Dr Chicago 6 Ill Western Mineral Prods Co 1720 Madison NE Minnespolis Minn Wilson (Grant) Inc 141 W Jackson Blvd Chi-

cago 4 Ill ZONOLITE CO 135 S LA SALLE ST CHI-CAGO 3 ILL Zonolite Co 515 Madison St Kansas City Mo

#### INSULATION, LOOSE FILL, GLASS

- Acme Asbestos Covering & Flooring Co 239 N Elizabeth Chicago 7 Ill ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA
- LOTTE LANCASTER PA Carney Co Inc 106 E Liberty St Mankato Minn CERTAIN-TEED PROD CORP 120 E LAN-CASTER AVE ARDMORE PA FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY INSULITE CO MINNESOTA & ONTARIO PAPER CO 500 INVESTORS BLDG MINNEAPOLIS 2 MINN Kelley Island Co 1132 Leader Bldg Cleveland 14 Obia

14 Obio WENS-CORNING FIBERGLAS CORP NAT'L BANK BLDG TOLEDO 1 OHIO OWENS

#### INSULATION LOOSE FILL. MINERAL WOOL

American Rock Wool Corp 20 N Wacker Dr Chicago Ill Baldwin Hill Co 500 Breunig Ave Trenton 2

- NJ BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY Broadway Rubber Mfg Co 529 E Broadway Louisville 2 Ky Burton (5 T) Co 228 N La Salle St Chicago 1

III CAREY (PHILIP) MFG CO 320 S WAYNE CINCINATI 15 OHIO Carney Co Inc 106 E Liberty St Mankato Minn CELOTEX CORP 120 S LA SALLE ST CHI-CAGO 3 ILL CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH Chicago Fire Brick Co 1467 N Elston Chicago Coart Insulating Tool 26 C

- 22 III Coast Insulating Prod 2316 San Fernando Los Angeles 65 Calif Corson (€ & W H) Inc Plymouth Meeting Pa Eagle-Picher Co American Bldg Cincinnati 1 Obio
- Ohio FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
- NEW YORK 20 NY Forty-Eight Insulations Inc Thomas & McGee Sts Aurora III Great Lakes Carbon Corp Perlite Div 612 5 Flower Los Angeles 17 Calif JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY Kelley Island Co 1132 Leader Bldg Cleveland 14 Obic

NEW YORK IA NY ILLE CORP 22 E WIN 61
 NEW YORK IA NY
 Kelley Island Co 1132 Leader Bldg Cleveland
 I4 Ohio
 Lehon Co Madison at 25th Ave Bellwood Ill
 Mineral Insulation Co Chicago Ridge Ill
 NATIONAL GYPSUM CO 325 DELAWARE
 AVE BUFFALO 2 NY
 National Rock Wool Sales Inc Largo Ind
 OWENS-CORNING FIBERGLAS CORP NAT'L
 BANK BLDG TOLEDO 1 OHIO
 Riverton Lime & Stone Co Inc Riverton Va
 Sealtite Insulation Mfg Corp 115 Madison St
 Waukesha Wis
 Standard Asbestos Mfg Co 860 W Evergreen
 Ave Chicago 2 Ill GYPSUM CO 300 W
 ADAMS ST CHICAGO 6 ILL
 U S Mineral Wool Co Stanhope NJ
 Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 Ill

#### INSULATION, REFLECTIVE

Air-O-Cel Co Box 62 Ferndale Sta Detroit

20 Mich Alside Inc 1415 Waterloo Rd Akron Ohio ALUMINUM CO OF AMERICA 1501 ALCOA BLDG PITTSBURGH 19 PA AMERICAN SISALKRAFT CORP 55 STAR-KEY AVE ATTLEBORO MASS ANGIER CORP FOUNTAIN ST FRAMING-HAM MASS

HAM MASS Berger Insulation Co Inc 5920 Centre Ave Pitaburgh 6 Pa BIRD & SON INC 47 WILSON ST EAST WALPOLE MASS CAREY (PHILIP) MFG CO 320 S WAYNE CINCINATI 15 OHIO CELOTEX CORP 120 S LA SALLE ST CHI-CAGO 31 ILL Corson (G & W H) Inc Plymouth Meeting Pa DELTA CO 333 W 247H PL CHICAGO ILL FLINTKOTE CO 30 ROCKEFFELLER PLAZA NEW YORK 20 NY Forty-Eight Insulations Ine Thomas & McGee Sts Aurora III INFRA INSULATION INC 523 BROADWAY NEW YORK NY

Janesville Cotton Mills 220 N Franklin St

- Janesville Cotton Mills 220 N Franklin St Janesville Wis KIMBERLY-CLARK CORP 128 N COMMER-CIAL NEENAH WIS LOCKPORT MILLS INC ELMWOOD AVE LOCKPORT NY MEADOWS (W R) INC 2 KIMBALL ELGIN TLT

- MEADOWS (W R) INC 2 RIMBALL ELGIN ILL NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Old American Roofing Mills Div Ruberoid Co 500 Fith Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kanass City Mo Protective Papers Inc Union III REFLECTAL CORP SUBSID BORG-WAR-NER CORP SUB S MICHIGAN AVE CHI-CAGO 4 ILL REYNOLDS METALS CO BLDG PROD DIV 2001 S NINTH ST LOUISVILLE 1 KY Richkraft Co 510 N Dearborn St Chicago 10 III RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY
- RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY Sall Mountain Co Box 777 Hamilton Ohio Sealtite Insulation Mfg Corp 115 Madison St Waukesha Wis SILVERCOTE PROD INC 161 E ERIE CHI-CAGO ILL STOCKER MFG CO NETCONG NJ Taylor Bedding Mfg Co Taylor Texas Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 Ill

#### INSULATION, ROOF, DECK

ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Balsa Ecuador Lbr Corp 500 Fifth Ave New York 36 NY Berger Insulation Co Inc 5920 Centre Ave

York 36 NY Berger Insulation Co Inc 5920 Centre CAREY (PHILLP) MFG CO 320 S WAYNE CAREY (PHILLP) MFG CO 320 S WAYNE CLOTEX CORP 120 S LA SALLE ST CHI-CAGO 3 ILL Cleveland Gypsum Co 1276 W Third St Cleve-land 13 Ohio NYT & RUSSELL INC 1320 SW BROAD-

land 13 Ohio DANT & RUSSELL INC 1320 SW BROAD-WAY PORTLAND 1 ORE Forty-Eight Insulations Inc Thomas & McGee Sts Aurora III Gichner Inc 1900 Kendall NE Washington 2

DC DC JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 14 NY NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY OWENS-CORNING FIBERGLAS CORP NAT'L BANK BLDG TOLEDO 1 OHIO Panacalite Perlite Inc 311 S Fifth St Kansas City Kans Porete Mig Co Porete Ave North Arlington NJ Robinson Insulation Co PO Box 1419 Great Falls Mont

Porete MIE Co Forete Ave North Arlington NJ Robinson Insulation Co PO Box 1419 Great Falla Mont Simpson Logging Co Shelton Waah Sprayo-Flake Co 2727 W Irving Park Rd Chi-cago III

cago Ill Tectum Corp 105 S Sixth Newark Ohio Texas Vermiculite Co 813 Airport Blvd Austin Texas Texas UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL Vermiculite Inc 333 SW First Salt Lake City

Utah Waylite Co 20 N Wacker Dr Chicago 6 Ill Western Mineral Prod Co 1720 Madison NE Minneapolis Minn Wright Hoist Div American Chain Co York Pa

Baldwin Hill Co 500 Breunig Ave Trenton 2

NJ Berger Insulation Co Inc 5920 Centre Ave Pittsburgh 6 Pa Forty-Eight Insulations Inc Thomas & McGee

Forty-Eight Insulations Inc Thomas & McGee Sta Aurora Ill OWENS-CORNING FIBERGLAS CORP NAT'L BANK BLOG TOLEDO 1 OHIO Portet Mfg Co Porte Ave North Arlington NJ Simpson Redwood Co Arcata Calif Vermiculite Inc 353 SW First Salt Lake City

Columbia Acoustics & Fireproofing Co Stan-hope NJ Evercrete Corp 424 W 42nd St New York 18 NY NY Green (A P) Fire Brick Co 1108 E Brecken-ridge Mexico Mo Hollingshead (R M) Corp 840 Cooper St Cam-

den 2 NY KEASBEY & MATTISON CO BUTLER AVE AMBLER PA Mexico Refractories Co Love & Cole Sts Mexico Mo Mortell (J W) Co 550 N Hobble Ave Kanka-

Co Inc 527 Fifth Ave New York 17 NY

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INSULATION, SLAB EDGE

INSULATION, SPRAY-ON

Utah

den 2 NY KEASBEY

kee Ill Quigley (

Scaltite Insulation Mfg Corp 115 Madison St Waukesha Wis Smith & Kanzler Co E Linden Ave Linden NJ Sprayo-Flake Co 2727 W Irving Park Rd Chicago Ill

Texas Vermiculite Co 813 Airport Blvd Austin Texas Vermicunte Co 813 Airport Bivd Austin Texas Verflex Sales Corp 115-117 Moonachie Carl-stadt NJ

Vermiculite Inc 333 SW First Salt Lake City Iltob

Wright Hoist Div American Chain Co York Pa

#### **INSURANCE, CONTRACTORS**

CONNECTICUT MUTUAL INSURANCE CO 140 GARDEN ST HARTFORD 15 CONN STERLING INSURANCE CO 737 N MICHI-GAN AVE CHICAGO 11 ILL

#### INTER-COMMUNICATING SYSTEMS

Auth Electric Co Inc 34-20 45th St Long Is-land City 1 NY Bell Sound Systems 555 Marion Columbus 7

Bell Sound Systems 555 Marion Columbus 7 Ohio -Colloid Equipment Co Inc 19 Murray St New York 7 NY Connecticut Telephone & Electric Co 70 Bri-tannia St Meriden Conn Couch (S H) Co Inc 3 Arlington St North Quincy 71 Mass Dukane Corp St Charles III EDWARDS CO INC POST HILL RD NOR-WALK CONN

WALK CONN Electro Alarms Co 24 S Washington St Tiffin Ohio Executone Inc 415 Lexington Ave New York

17 NY FLUSH WALL RADIO CO 1012 CLEVELAND ST CLEARWATER FLA HOME MUSIC SYSTEMS INC 644 MADISON ST MEMPHIS TENN

ST MEMPHIS TENN International Business Machines 590 Madison Ave New York 22 NY Kellogg Switchboard & Supply Co 79 W Mon-roe St Chicago 3 III MELODY MASTER 312 MT PLEASANT AVE NEWARK NJ MUSIC & SOUND INC 118 LESLIE ST DAL-LASTER 283

LAS TEXAS ACIFIC TELEPHONE & TELEGRAPH CO 140 NEW MONTGOMERY SAN FRAN-CISCO 5 CALIF PACIFIC

Phone Craft Co 427 N Euclid Ave St Louis 8 Mo

Rauland-Borg Corp 3515 W Addison Chicago 18 III Sierra Electric Corp 15100 S Figueroa Box 85

Gardena Calif Gardena Calif Sperti Faraday Inc 1322 Church St Adrian Mich Talk-A-Phone Mfg Co 1512 S Pulaski Rd Chi-cago 23 Ill

cago 23 Ill TALK-A-RADIO MFG CO 4902 GREENVILLE AVE DALLAS TEXAS Webster Electric Co 1900 Clark St Racine Wis

#### IRON, ORNAMENTAL

Adama Co PO Box 268 Dubuque Iowa American Foundry & Mfg Co 1015 Herbert St

- Adama Co PO Box 268 Dubuque Iowa American Foundry & Mfg Co 1015 Herbert St St Louis 7 Mo Anchor Div Stratton & Terstegge Co 300 Cul-bertson Ave New Albany Ind ARTCRAFT ORNAMENTAL IRON CO 724 E HUDSON ST COLUMBUS 11 OHIO Austin & Eddy Inc Box 1504 Boston 4 Mass Badger Wire & Iron Works Inc 2933 W Cleve-land Milwaukee 15 Wis Beaux Art Crafts 2015 Brookfield Rd Pitts-hurgh 16 Pa Bellkool Co 523 State Box 581 Appleton Wis Belson Mfg Co E River Rd North Aurora III Birmingham Ornamental Iron Co PO Box 1911 Birmingham Ala Blaum (JUlius) & Co Inc Carlstadt NJ Braun (J G) Co 537 W 35th St New York 1 NY

- NY CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO COFFMAN (R G) CO INC PO BOX 1113 OR-

LANDO FLA Dallas Iron & Wire Works Inc 6025 Denton Dr Dallas Texas Davis & Sichi Co Box 78 Station A Cincinnati

Davis & S 23 Ohio tur Iron & Steel Co Second St Decatur De

Ala Dietrich Bros Inc 2700 Loch Raven Rd Balti-

Dietrica bros inc 2100 Loca Raven Ra Batti-more 18 Md FAWSCO MFG DIV FALLS STAMPING & WELDING CO 1701 FRONT ST CUYA-HOGA FALLS OHIO Fiske (J W) Iron Works 80 Park Pl New York 7 NY Howcard Wetel Prod Inc 92.09 Reading St Box-

Harvard Metal Prod Inc 97-99 Reading St Bos-

narvaro aucai provine 91-99 Reading St Dos-ton Mass Hawkins Iron Co PO Box 670 Birmingham Ala HUNTINGTON INDUSTRIES INC 2368 PROSPECT ST MEMPHIS TENN Kleen & Sons Co Robertsville Ohio

KLEESONS INC ROBERTSVILLE OHIO



- Locke Mfg Co Ohio St Lodi Ohio Logan Co 201 Cabel St Louisville 6 Ky Lorio Iron Works 738-756 S Gayoso New Or-leans La Mesker (George L) Steel Corp 400 NW First St Evansville 8 Ind

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Mesker (George L) Steel Corp 400 NW First St
Evanaville 8 Ind
METAL CRAFTERS E AVE AT 18TH ST
CEDAR RAPIDS 10WA
Meyers (Fred L) Mfg Co 1176 Hooven Ave
Hamilton Ohio Mfg Co 1176 Hooven Ave
MORGAN-WICHTMAN SUPPLY CO 1541
SALZMAN ST LOUIS MO
Original Enderes Co Guttenberg Iowa
Ryerson (Joseph T) & Son 2558 W 16th St
Chicago 80 Ill
Samcoe (W J) Iron Co 917 Military Rd Kenmore 17 NY
Schwerd (A F) Mfg Co 3215 McClure Ave
Pittsburgh 12 Pa
Southern Wire & Iron Works 441 Memorial
Dr SE Atlanta Ga
Stewart Iron Works Ine PO Box 1039 Cincinnati 1 Ohio
Sturdee Metal Porch Co 1743 Lamont Ave
Baltimore 2 Md
TENNESSEE FABRICATING CO 1490
GRIMES ST MEMPHIS TENN
Valley Metal Prods 222 Young St Marseilles
III

111 Versa Prods Co Lodi Ohio WAGNER IRON WORKS 1905 S FIRST ST MILWAUKEE 1 WIS Ernest) Iron Works 2035 E 11th

Wiemann (Erne Tulsa 4 Okla

#### JACKS, CEILING

GYPSUM CEILING JACK CO 4113 22ND NE CEDAR RAPIDS IOWA Tilley (John S) Ladders Co Inc 112 Second St Wätervliet NY

#### JACKS, LADDER

Advance Equipment Mfg Co 4617 W Chicago Ave Chicago III American Ladder & Scaffold Co 5501 NW 7th Ave Mami 38 Fla Bahcock (W W) Co Inc Delaware Ave Bath

NY

NY Bauer Mfg Co Palmer St Wooster Ohio BIL-JAX INC 100 WYSE RD ARCHBOLD OHIO

Caster Mold & Machine Co 1171 Wooster Rd N Barberton Ohio Flint (A W) Co 85 Lloyd St New Haven 6

Conn R & G Stamping Co Inc 6408 S State St G

G R & G Stamping Co Inc 6408 S State St Chicago 21 Ill GOSHEN MFG CO 10TH & REYNOLDS ST GOSHEN IND Harvard Metal Prods Inc 97-99 Reading St Boston Mass Holland Metal Prods Inc 97-99 Reading St Holland Mig Co Carroll Iowa Holland Ladder & Mfg Co 13053 W 17th St Holland Mich Holms Mfg Co of Ohio 1340 Lake Shore Blvd Akron 1 Ohio Howard Mfg Co Kent Wash

Holms Mfg Co of Ohio 1340 Lake Shore Bivd Akron 1 Ohio Howard Mfg Co Kent Wash Howard Mfg Co of California 2428 E 56th St Los Angeles Calif Hyde Mfg Co Eastford & Clemence South-bridge Mass Larson Ladder Co 651 Martin Ave Santa Clara Calif Ladder Mfg Co 2.40 Harding St

Moulton Ladder Mfg Co 2-40 Harding St

Somerville Mass PITTSBURGH FLATE GLASS CO 632 FORT DUQUESNE BLVD FITTSBURGH 22 PA Richey Manufacturing Co 2801 Rochester Rd Springfield III Ridgely Talent

Springfield III Ridgely Trimmer Co 1300 Kenton St Spring-field 29 Ohio Sabin Machine Co 6536 Carnegie Ave Cleve-land 3 Ohio SLOAN (L. J) SCAFFOLD BRACKET CO 1715 W 72ND ST MINNEAPOLIS MINN

STEEL SCAFFOLDING CO 856 HUMBOLDT

STEEL SCAFFOLDING CO 856 HUMBOLDT ST BROOKLYN 22 NY Tilley (John S) Ladders Co Inc 112 Second St Watervliet NY Watervliet NY United Screw & Bolt Corp 3590 W 58th St Cleveland 2 Ohio WACO MFG CO 3565 WOODDALE AVE MINNEAPOLIS MINN Warner Mig Co 801 16th Ave SE Minneapolis

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### JACKS, SCAFFOLDING

(See Scaffolding, Scaffolds and Brackets)

#### JACKS, STEEL

Akron Prods Co Seville Ohio Allen Steel Prods Inc 2941 E Ten Mile Rd

Akron Prods Co Seville Ohio Allen Steel Prods Ine 2941 E Ten Mile Rd Hazel Park Mich American Ladder & Seaffold Co 5501 NW Sev-enth Ave Miami 38 Fla BRAINARD STEEL DIV SHARON STEEL CORP GRISWOLD ST WARREN OHIO Clay Equipment Corp 23 Builder St Cedar Falls Iowa Duff-Norton Mfg Co 2709 Preble Ave Pitts-burgh 30 Pa Harris Ine 200 E Long St Columbus Ohio Holms Mfg Co of Ohio 1340 Lake Shore Blvd Akron 1 Ohio M & M Wire Clamp Co 975 17th Ave Minne-apolis Minn National Plaster Block Co 2236 N 27th St Philadelphia 32 Pa Newark Ladder & Bracket Co Ine 17 Walnut Ave (Clark) Rahway NJ Plastergon Wall Board Co 196 Philadelphia Bufalo 7 NY Ridgely Trimmer Co 1300 Kenton St Spring-field 90 Ohio

Ridgely Trimmer Co 1300 Kenton St Spring-field 99 Ohio STEEL SCAFFOLDING CO 856 HUMBOLDT ST BROOKLYN 22 NY SWETT (A L) IRON WORKS 151 GLEN-WOOD AVE MEDINA NY



SYMONS CLAMP & MFG CO 4249 DIVER-SEY AVE CHICAGO 39 ILL Templeton Kenly & Co Gardner Rd Broad-view III

View III Tilley (John S) Ladders Co Inc 112 Second St Watervliet NY United Metal Prods Inc 865 S High St Akron

ACO MEG CO 3565 WOODDALE AVE MINNEAPOLIS MINN WACO

ADAMS ENGINEERING CO PO BOX 936 MIAMI 38 FLA Air Control Prods 3601 N W 54th St Miami

Fla Air-O-Blind Div Brown Mfg Co 1940 Linwood Oklahoma City Okla Air Vue Prods Corp 3649 N W but as Fla Albritton Engr Corp 2501 Wronton Rd Hous-

ton 5 Texas All-Lite Metal Window Co Box 11 Bristol Pa All Weather Jalousies Inc State Highway 46 Teterboro NJ

AMERICAN BUILDER

JALOUSIES

American Aluminum Prods Inc P O Box 192 American Aluminum Proda Inc P O Box 192 Miami 48 Fla ANDERSON (V E) MFG CO 1515 E 18TH ST OWENSBORG KY Atco Aluminum Prods 1910 8 Kuhl Ave Or-lando Fla

- lando Fla Barnhart (A W) Co 140 Highland St Port Chester NY Belknap Glass Co 1000 Valley Seattle 1 Wash Carey-McFall Co 2156 E Dauphin St Philadel-phia 25 Pa Casement Hardware Co 612 N Michigan Ave

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Asement Hardware to bla a Chicago 11 Ill incinnati Fly Screen Div Union Commerce Bldg Cleveland Ohio learview Louver Window Co 2625 Elm St Ci

Clearview Louver Dallas 1 Texas Dallas 1 Texas Compo Miracle Prods Co 15221 W 11 Mile Rd Berkley Mich Crossly Window Corp 3550 N W 71st St Miami

DIBBS PRODS INC P O BOX 5478 TAMPA FLA Eagle-Picher Co American Bldg Cincinnati 1

Ohio ETLING WINDOW BARBERTON OHIO Fiwale Equipment Mfg Co 105 Reade St New York 13 NY

York 13 NY York 13 NY Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla FLYNN MFG CO 700 E GODFREY AVE FHILADELPHILA 24 PA Fulton Glass Co Box 348 Hartford City Ind Heinleys Movable Shutters 1620 Euclid Santa Monica Calif Hettrick (W E) & Son Co 3333 Maple Sta D Toledo 8 Ohio Jones Shutter Prods 246 N W 29 St Miami Fla Kaufmann Corp 12891 Mt Elliott Detroit 12 Mich

Mich KELLEHER CO 2525 HART AVE DETROIT

KELLEHER CO 2525 HART AVE DETROIT 14 MICH KOTA PRODS INC ROUTE 25 A ROCKY POINT LI NY LEONARD (R B) INC 3553 N W 50TH ST MIAMI FLA LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA Midwest Louvrelite Co 2040 W Washington Chicago 12 III

Mohriff Hamilte Co. 2040 W Washington Chicago 12 III
 NATIONAL ALUMINUM CO. 1133 ALUM CREEK DR COLUMBUS OHIO
 NOVA SALES CO TRENTON 3 NJ Orange Div Eagle Picher Co. American Bldg Cincinnati 1 Ohio
 Paramount Aluminum Prod Corp Broad Hol-low Rd Farmingdale Li NY
 PRO-TECT-U JALOUSIE CORP 4525 PONCE DE LEON CORAL GABLES FLA
 Pullum Window Corp 12950 Lyndon Ave De-troit 27 Mich
 BEGULUX SASH & DOOR CO PO BOX 886 BELMONT CALIF
 RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
 Stanley Bldg Specialties Co 1890 N E 146th St North Miami 6 Fla
 Superior Window Co 5300 N W 37th Ave Miami Fla

St North Miami 6 Fla Superior Window Co 5300 N W 37th Ave Miami Fla TRIANGLE ALUMINUM PRODS 3552 N W 50TH ST MIAMI FLA Universal Fabricators 1785-1829 Boone Ave New York 60 NY Universal Metal Prods Corp 4041 N W 26th St

Universal Metal Prods Corp 4041 N W 26th St Miami Fla VENTILITE VENT-LOCK INC 7301 N E MIAMI CT MIAMI FLA Wagner Awning & Mfg Co 2658 Scranton Rd Cleveland 1 ©hio Winsulite Mfg Co 725 N Central Ave Balti-more 2 Md

WINTER SEAL CORP 14575 MEYERS RD DETROIT 27 MICH

#### JAMBS, METAL

BUILDERS MFG CO 528 N 37TH BOX 3007 BIRMINGHAM ALA MORGAN-WIGHTMAN SUPPLY ©O 1541 SALZMAN ST LOUIS MO

#### JIGS, LOCK MORTISING

DEXTER LOCK DIV DEXTER INDUSTRIES 1609 MADISON S E GRAND RAPIDS 2

1609 MADISON S E GRAND RAPIDS 2 MICH KWIKSET SALES & SERV CO 516 E SANTA ANA ANAHEIM CALIF Vimear Sales Co P O Box 2187 Van Nuys Calif Z & K TOOL CO 407 SAND HILL RD LEB-ANON PA

#### JOINTERS

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CONSOLIDATED MACH & SUPPLY CO LTD 2031 SANTA FE AVE LOS ANGELES 21 CALIF DEWALT INC BOX 540 LANCASTER PA

DEWALT INC BOX 540 LANCASTER PA Duro Metal Prods Co 2649 N Kildare Ave Chicago 39 III Enterprise Co South Main St Columbiana Ohio MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH Newman Machine Co Inc 507 Jackson St Greensboro NC Oliver Machinery Co 1025 Clancy Ave NE Grand Rapids Mich Porter (C O) Machinery Co 666-68 Front Ave Grand Rapids Mich Power (L) & Co Inc 2815 Oakford St Phila-delphia 46 Pa ROCKWELL MFG DELTA POWER TOOL DIV 400 N LEXINGTON PITTSBURGH 8 PA



Minn Sibley (Edw L) Mfg Co Inc 222 W Main Street Bennington Vt Toolkraft Corp Plainfield St Springfield 1

Mass

Mass Tuck Mfg Co 74 Ames St Brockton 39 Mass Walker-Turner Div Kearney & Treeker Corp 900 North Ave Plainfield NJ Wallace (J D) & Co Inc Warsaw Ind

#### JOINTS, EXPANSION

American Foundry & Mfg Co 1015 Herbert St St Louis 7 Mo CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO CECO STEEL PROD CORP 5601 W 26TH ST CHICAGO 50 ILL CELOTEX CORP 120 S LA SALLE ST CHI-CAGO 3 ILL FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Goodall Rubber Co Inc 427 Whitehead Rd Tren-ton NJ Horn (A C) Co Inc Touth St A 100 American Foundry & Mfg Co 1015 Herbert St

ton NJ Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 15 NY Keystone Asphalf Frods Co 101 E Ontario St Chicago 11 III Lehon Co Madison at 25th Ave Bellwood III MEADOWS (W R) INC 2 KIMBALL ELGIN ILL

MEADUWS (W R) INC 2 RIMBALL ELGIN ILL OWENS-CORNING FIBERGLAS CORP NAT'L BANK BLDG TOLEDO 1 OHIO Presatite Engineering Co 3900 Chouteau Ave St Louis 10 Mo Protective Papers Inc Union III SAINT PAUL CORRUGATING CO SOUTH END WABASHA ST ST PAUL 1 MINN Sevicised Prods Corp 6051 W 65th St Chicago Sile Chomical Corp 25 Gregory Ave Passaia

Sika Chemical Corp 35 Gregory Ave Passaic

#### JOISTS, STEEL

Allen Steel Proda Inc 2941 E Ten Mile Rd Hazel Park Mich
American Bridge Div US Steel Corp 525 Wil-liam Penn Pittsburgh 30 Pa
BETHLEHEM STEEL CO 701 EAST 3RD ST BETHLEHEM PA
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 HL
Dietrich Brog Inc 2700 Loch Raven Rd Balti-more 18 Md
Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich

Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich Haven Busch Co 519 Front Ave NW Grand Rapids 4 Mich International Steel Co 1321 Edgar St Evang-ville 7 Ind Jones & Laughlin Steel Corp 3 Gateway Cen-ter Pittsburgh 30 Pa LACLEDE STEEL CO ARCADE BLDG ST LOUIS MO Macomber Inc 1925 Tenth Canton Ohio PENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY

Ryerson (Joseph T) & Son 2558 W 16th St

Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill Sheffield Steel Div Armco Steel Sheffield Sta Kanaas City 25 Mo Soule Steel Co 1750 Army St San Francisco 24 Calif STRAN-STEEL UNIT OF NAT'L STEEL CORP (ECORSE) DETROIT 29 MICH TRUSCON STEEL DIV REPUBLIC STEEL CORP OSTAL DIV REPUBLIC STEEL OHIO

#### KITCHEN CABINET ACCESSORIES

AMERICAN CABINET HARDWARE CO 416 S MAIN ST ROCKFORD ILL AMERICAN KITCHENS DIV AVCO MFG CORP 18TH AND COLUMBIA CONNERS-VILLE IND AMERICAN STANDARD PLUMBING & HEATING DLV PO BOX 1226 PITTS-BURGH 30 PA CHARLES D BRIDDELL INC CHRISFIELD

MD

MD CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA Eldon Mfg Co 1010 E 62nd St Los Angeles 1 Calif

Calif ENGINEERED PRODS CO 129 SMITH ST FLINT 3 MICH Excel Metal Cabinet Co Inc 1938 Johnson Jamestown NY

Fiwale Equipment Mfg Co 105 Reade St New

York 13 NY L FURNITURE CO 410 N MAIN ST

Finate Equipment Mig Co 105 Keade St New York 18 NY
IXL FURNITURE CO 410 N MAIN ST GOSHEN IND
Kelvinator Div American Motors Co 14250
Plymouth Rd Detroit 32 Mich
Kitchen Maid Corp 541 Snowden Andrews Ind
Knape & Vogt Mic Co 658 Richmond N W
Grand Rapids 4 Mich
LYON METAL PRODS INC 25 MONT-GOMERY ST AURORA ILL
McMahan Bros Rt 2 Box 172 Escondido Calif
Morgan Co 520 Oregon St Oshkosh Wis
MORGAN-WIGHTMAN SUPPLY CO 1541
SALZMAN ST LOUIS MO
MULLINS MFG CORP UNIVERSITY ST
W ARREN OHIO
Parker (S) Hdwe Mfg Corp 27 Ludlow St Nw York 2 NY
RUSSELL & ERWIN DIV AMERICAN
HARDWARE CO 102 WASHINGTON NEW
BRITAIN CONN
SARGENT & CO 45 WATER ST NEW HA-VEN 9 CONN
Metalon Prods Inc 2050 E 48th St Los An-geles 58 Calif
TOLEDO DESK & FIXTURE CO 1020 FORD RD MAUMEE OHIO
TRACY KITCHENS EDCEWATER STEEL CO 3125 FREBLE AVE PITTSBURGH 30 PA
Yale & Towne Mfg Co 11 So Broadway White Plains NY

ale & Towne Mfg Co 11 So Broadway White Plains NY Val

AMERICAN KITCHENS DIV AVCO MFG CORP 187H & COLUMBIA CONNERS-VILLE IND AMERICAN-STANDARD PLUMBING & HEATING DIV FO BOX 1226 PITTS-BURG 30 PA Beautycraft Kitchens Div 2215 Russell St Bal-timore 30 Md Crane Co 836 S Michigan Chicago 5 Ill CROSLEY DIV AVCO MFG CORP 1329 AR-LINGTON ST CINCINNATI 25 OHIO Excel Metal Cabinet Co Inc 1938 Johnson Jamestown NY GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY General Metalcraft Inc PO Box 57 Olympia Waah Genera Modern Kitchens Inc 201 S Eighth St

Wash Geneva Modern Kitchens Inc 201 S Eighth St Geneva III Gold Seal Mfg Co 1228 W Kinzie Chicago 22 III Harrison Steel Cabinet Co 4718 W Fifth Ave Chicago 44 III

Harrison Steel Cabinet Co 4718 W Fifth Ave Chicago 44 Ill HUMPHRYES MFG CO 201 EAST 5TH ST MANSFIELD OHIO Jamestown Metal Prods Co 178 Blackstone Ave Jamestown NY Kelvinator Div American Motors Co 14250 Plymouth Rd Detroit 32 Mich KOHLER CO 44 HIGH ST KOHLER WIS Kraus (Walter S) Co 48-02 43rd St Woodside 71 NY LYON METAL PRODS INC 25 MONT-GOMERY ST AURORA ILL MARVEL METAL PRODS CO 3843 W 43RD ST CHICAGO 32 ILL MULLINS MFG CORP UNIVERSITY ST WARREN OHIO Murphy Door Bed Co 19 West 44th St New York 36 NY ELJER CO 3 GATEWAY CENTER BLVD PITTSBURGH 22 PA

York 36 NY ELJER CO 3 GATEWAY CENTER BLVD PITTSBURGH 22 PA Palley Mfg Co 1101-07 W North Ave Pitts-burgh 33 Pa St Charles Mfg Co St Charles III Shirley Corp 330 E St Joseph Indianapolis 2 Ind

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KITCHEN CABINETS, METAL

TOLEDO DESK & FIXTURE CO 1020 FORD RD MAUMEE OHIO TRACY KITCHENS DIV EDGEWATER STEEL CO 3125 PREBLE AVE PITTS-BURGH 30 PA UNITED METAL CABINET CORP 168 SEVENTH ST BROOKLYN 15 NY Walters Mfg Co 140 Pennsylvania Oakmont

Pa WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA

#### **KITCHEN CABINETS, WOOD**

Ahlbrand (A H) Co Box 218 Seymour Ind Angel Novelty Co 340 Broad St Fitchburg Mass Atkins Wood Prods Corp 103-12 101 St Ozone Park NY

Park NY Park NY Bel-Wood Mfg Co Ackerman Miss Boro Wood Co Maspeth Ll NY Boro Wood Co Maspeth Ll NY Boro Wood Proda Co Inc PO Box 636 Ben-nettaville SC Brammer Mfg Co Davenport Iowa CARR ADAMS & COLLIER CO 11TH AND JACKSON DUBUQUE IOWA Cole Mfg Co PO Box 2657 Memphis 2 Tenn Colonial Prods Co Broad & Park Sta Dallas-town Pe

URTIS COS INC 1200 S SECOND AVE CURTIS

CLINTON 10WA Del-Mar Cabinet Co Inc 2865 Gordon Rd S W Atlanta Ga

Atlanta Ga Exiner (Alexander) Co Merchandise Mart Chi-cago 54 III Farley & Loctacher Mfg Co Dubuque Iowa General Wood Works 105 S 31st St Council Bluffs Iowa Gregg & Son Inc 21-31 Blandin Ave Framing-

Gregg & Sor ham Mass

ham Mass Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill Huttig Mig Co Muscatine Iowa Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo Hyde Park Prods Co Burch Ave & N&W RR Chicatenest & Oh-C

Hyde Park Prods Co Burch Ave & N&W RR Cincinnati 8 Ohio IXL FURNITURE CO 410 N MAIN ST GOSHEN IND Ideal Co 24th & Mary Sts Waco Texas Kinzua Pine Mills Co Kinzua Ore Kitchen Maid Corp 541 Snowden Andrews Ind Kraus (Walter S) Co 48-02 43rd St Woodside

77 NY LONG-BELL LBR CO 926-8 GRAND AVE KANSAS CITY 6 MO Marquart Millwork Co 50 Ceape St Oshkosh

Wie

Wis MENGEL CO 4TH & COLORADO LOUIS-VILLE 1 KY Milo Prods Co Grantham Penn Morgan Co 520 Oregon St Oshkosh Wis Morgan Sash & Door Co 2287 Blue Island Chi-

Morgan Sash & Door Co 2287 Blue Island Chi-cago 8 III MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO MUTSCHLER BROS 302 S MADISON ST NAPPANEE IND Pacific Mfg Co 2610 The Alameda Santa Clara Cold

Calif Island Millwork Co 2525 Fourth Ave Ro

Rock Island millwork Co aver Forma Line J SCHEIRICH CO 4460 LOUISVILLE AVE LOUISVILLE 9 KY H



Schenck (William) & Co Evans City Pa Segelke & Kohlhaus Co 600 S 2nd St La Crosse Segela

Spokane Sash & Door Co PO Box Spokane Wash

Wash Stanford Wood Prods Co Box 238 Stanford Ky Sterling-Freeland Industries 4701 N Western Ave Chicago 25 Ill WADSWORTH HOMES INC 2949 CHRYSLER RD KANSAS CITY KANS Williams Prods Co Inc 6127 Cedar Ave Phila-delphia 43 Patric La Verse Scalar Co

Wood Metal Industries Inc Kreamer Snyder Co

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Crane Co 836 S Michigan Chicago 5 111 Farley & Loetscher Mfg Co Dubuque Iowa Peirce-Phelps 59th & Upland Way Philadelphia Pa

23 Pa it Charles Mfg Co St Charles III tanford Wood Prods Co Box 238 Stanford Ky RACY KITCHENS EDGEWATER STEEL CO 3125 PREBLE AVE PHTTSBURGH 30

CO

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#### **KITCHEN VENTILATING HOODS**

COLE MFG CO OF AUSTIN INC 705 RAY-MOND ST AUSTIN TEXAS Gichner Inc 1900 Kendall N E Washington 2 DC

- DC Jensen Industries 159 S Anderson Los Angeles 33 Calif LYON METAL PRODS INC 25 MONT-GOMERY ST AURORA ILL Ventrola Mfg Co 501 S Chestnut St Owosso Mich
- Mich
- Mich NU TONE INC RED BANK & MADISON CINCINNATI 27 OHIO ROBERTS MFG CO PO BOX 177 CLEBURNE
- TEXAS
- TEXAS Stanthony Corp 5341 San Fernando Los An-geles 39 Calif Universal Blower Co 1090 S Adams Ave Bir-mingham Mich VENT-A-HOOD CO 1907 PLANTATION DR DALLAS 19 TEXAS

#### KNIVES, MACHINE

American Knife Co 39-43 Lock Ave Baldwins-

- American Knife Co 39-43 Lock Ave Balowins-ville NY Atkins (E C) Div Borg-Warner 402 S Illinois St Indianapolis 9 Ind Dependable Machine Co Box 839 Greensboro NC
- NC Henry Disston Div H II Porter Co Inc Unruh & Milnor Sts Philadelphia 35 Pa Ekstrom Carlson & Co 1400 Railroad Ave Rockford Ill
- Hockford III Hoe (R) & Co Inc 910 East 138th St New York 54 NY
- York 54 NY Holmes (E & B), Machinery Co Inc 59 Chicago St Buffalo 4 NY Huther Brothers Saw Mfg Co Inc 1290 Uni-versity Rochester 7 NY Jet Tool Co Box 247 Lemon Grove Calif Lippert (E T) Saw Co 608 Lincoln Ave Pitts-burgh 9 Pa Mattison Machine Works 545 Blackhawk Park Rockford III Mitts & Merrill 1009 S Water St Saginaw Mich

- Mitts & Merrill 1009 S Water St Saginaw Mich Oliver Machinery Co 1025 Clancy Ave NE Grand Rapids Mich Sandvik Saw & Tool Div Sandvik Steel 1702 Warren St New York 7 NY SIMONDS SAW & STEEL CO 470 MAIN STREET FITCHBURG MASS
- Taylor Stiles & Co 225 Bridge St Riegelsville
- Woods (S A) Machine Co Damrell & Alger St Boston 27 Mass

#### LADDER ACCESSORIES

- Ajax Building Bracket Co 1551 Rydal Mt Rd Cleveland Heights Ohio Aluminum Ladder Co Dept F 6 Box 101 Worth-ington Pa American Ladder & Scaffold Co 5501 NW 7th Ave Mami 38 Fla American Mason Safety Tread Co 125 Perry St Lowell Mass Berg Mfg Co 5319 So La Salle Chicago 9 Ill Goshen Churn & Ladder Inc 1930 Estes Blvd Goshen A Ind

- Goshen Cnurn & Ladder Inc 1930 Estes Blvd Goshen 4 Ind GOSHEN MFG CO 10TH & REYNOLDS ST GOSHEN IND Green (Harry A) & Son 1620 S Canal Chicago Ill
- Holland Ladder & Mfg Co 13053 W 17th St Holland Mich
- Howard Mfg Co Kent Washington Larson Ladder Co 651 Martin Ave Santa Clara Calif
- Lewis-Skinner Co New Boston NH Michigan Ladder Co 12 E Forest Ave Ypsilanti
- Mich Scaffolding Co 38-21 12th St Long Pate
- Patent Scaffolding Co 38-21 12th St Long Island 1 NY Rich (Howard B) Inc Sixth St Carrollton Ky Ridgely Trimmer Co 1300 Kenton St Spring-
- Ridgely Trimmer Co 1900 Kenton St Spring-field 99 Ohio SLOAN (L J) SCAFFOLD BRACKET CO 1715 W 72ND ST MINNEAPOLIS MINN STEEL SCAFFOLDING CO 856 HUMBOLDT ST BROOKLYN 22 NY Tilley (John S) Ladders Co Inc 112 Second St Watervliet NY
- Weinstein Ladder Co Route 29 Union NJ Woodenware Prod Corp 122 N 7th St St Louis 1 Mo

#### LADDERS, ALUMINUM

- Abbeon Supply Co 179-15 Jamaica Ave Ja-maica 32 NY Acme Scaffold Co Inc 168 Nostrand Ave Brook-lyn 5 NY Aluminum Ladder Co Dept F 6 Box 101 Worthington Pa American Ladder & Scaffold Co 5501 NW Seventh Ave Miami 38 Fla Beh & Co Inc 1150 Broadway New York NY Birmingham Ala Chesley Industries Inc 7731 Lyndon St Detroit 12 Mich

- Chesley In 12 Mich

- Clark (J R) Co Spring Park Minn Colloid Equipment Co Inc 19 Murray St New York 7 NY Duo -Safety Ladder Corp 811 Ninth St Oshkosh Wis
- Wis Fiske (J W) Iron Works 80 Park Pl New York 7 NY

7 NX Heider Mfg Co Carroll Iowa Larson Ladder Co 651 Martin Ave Santa Clara Calif

Calif Mayes Bros Tool & Mfg Co Port Austin Mich NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO Newark Ladder & Bracket Co Inc 17 Walnut Ave (Clark) Rahway NJ Weinstein Ladder Co Route 29 Union NJ Werner (R D) Co Inc 295 Fifth Ave New York 16 NY

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#### LADDERS, STEEL

allymore Co 139 Penna Ave Wayne Pa IL-JAX INC 100 WYSE RD ARCHBOLD BIL OHIO Birmingham Ornamental Iron Co PO Box 1911

- Birmingham Ala nesley Industries Inc 7731 Lyndon St Detroit Cheeley
- Mich
- 12 MICH CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO Davis & Siehl Co Box 78 Sta A Cincinnati 23
- ske (J W) Iron Works 80 Park Pl New York 7 NY Fiske

- 7 NY International Steel Co 1321 Edgar St Evans-wille 7 Ind Logan Co 201 Cabel St Louiaville 6 Ky Meyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio Precision Equipment Co 3712 N Milwaukee Chicago 41 Ill Rich (Howard B) Inc Sixth St Carrolton Ky

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Catches for every need in hromium, Brass, Co nd Colonial finishes. Chrom

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Obio CHESLER (J) & SONS INC 41-49 VARICK AVE BROOKLYN 37 NY Clinton Lock Co 78-31st Ave N Clinton Iowa CORBIN (P & F) DIV AMERICAN HARD-WARE CORP 102 WASHINGTON ST NEW BRITAIN CONN DEXTER LOCK DIV DEXTER INDUSTRIES 1699 MADISON S E GRAND RPDS 2 MICH Duncan Shaw Corp 33 West 42nd St New York 18 NY

18 NX Eagle Lock Co 20 S Main St Terryville Conn Earle Hardware Mfg Co Noble & Gregg Sts

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HARDWARE

Acorn Mfg Co Mansfield Mass ALLITH PROUTY INC 819 N BOWMAN AVE DANVILLE ILL AMERICAN CABINET HARDWARE CO 416 S MAIN ST ROCKFORD ILL

Colonial

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CATCHES

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ROCKFORD,

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**GRIFFIN MFG CO 1515 CHERRY ST ERIE** 

6 PA HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO Ideal Brass Works Inc 250 East Fifth St St Ideal Brass

VICTOR ST ST LOUIS 4 MO Ideal Brass Works Inc 250 East Fifth St St Paul 1 Minn INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS LABORATORY EQUIPMENT CORP HILL-TOP RD ST JOSEPH 6 MICH LAWRENCE BROTHERS STERLING ILL LOCKWOOD HARDWARE MFG CO 1950 CLEGCHORN ST FITCHBURG MASS MCKINNEY MFG CO 1751 LIVERPOOL ST PITSBURGH 33 PA NATIONAL HARDWARE CO 101-57--100TH ST OZONE PARK NY NATIONAL LOCK CO 1902 SEVENTH ST ROCKFORD ILL NATIONAL MFG CO 1 FIRST AVE STER-LING ILL Newell Mfg Co Lowell Mich Parker (S) Hdwe Mfg Corp 27 Ludlow St New fork 2 NY Penn-Akron Hdwe Corp 32nd Ave & 57th St Woodside 77 NY Phoenix Lock Co 327-3rd Ave Newark 7 NJ Reese Padlock Co 126 Sherman St Lancaster Pa Pa

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Reese Padlock to 120 Sinthan Div AMERICAN Pa RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 102 WASHINGTON NEW BRITAIN CONN Skillman Hardware Co Edgewood Ave Trenton

SOSS MFG CO 21777 HOOVER RD DETROIT

SOSS MFG CO 21777 HOOVER RD DETROIT 13 MICH STANLEY WORKS NEW BRITAIN CONN Star Metal Prod Inc 370 Butler St Brooklyn 17 NY

17 NY Starline Inc 300 W Front St Harvard III Taylor Lock Co 2034 W Lippincott Philadel-phia 32 Pa Metallon Prods Inc 2050 E 48th St Los Angeles

WAGNER MFG CO 122 W FIRST ST CEDAR

FALLS IOWA WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF Wright Prods Ine St Paul Park Minn

#### LATH, GYPSUM

Blue Diamond Corp 1650 S Alameda St Los Blue Diamond Corp 1650 S Alameda St Los Angeles Calif CELOTEX CORP 120 S LA SALLE ST CHI-CAGO 3 ILL CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA Grand Rapida Plaster Co Peoples Nat'l Bank Bldg Grand Rapids 2 Mich NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY

36 36 NY chumacher Wall Board Corp South Gate Calif NITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL UNITED

#### LATH, INSULATING

ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA DANT & RUSSELL INC 1320 S W BROAD-WAY PORTLAND I ORE FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 10 NY INSULITE CO MINNESOTA & ONTARIO PAPER CO 500 INVESTORS BLDG MIN-NEAPOLIS 2 MINN NEAPOLIS 2 MINN NEAPOLIS 2 MINN NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Plastergon Wall Board CO 196 Philadelphia

AVE BUFFALO 2 NY Plastergon Wall Board Co 196 Philadelphia Buffalo 7 NY Simpson Logging Co Shelton Wash UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL WOOD CONVERSION CO 1ST NAT'L BANK BLDG ST PAUL 1 MINN

#### LATH, METAL

Alabama Metal Lath Co Inc 3235 Fayette Ave Birmingham 1 Ala Allen Steel Proda Inc 2941 E Ten Mile Rd Hazel Park Mich LATH CO 1890 GRIS-WOLD DR NILES OHIO CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL Gilbert & Bennett Mfg Co 600 Miller Ave Georgetawn Conn

Georgetown

Condsmith Metal Lath Co 4501 Chickering Cin-cinnati Ohio INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL Klauer Mrg Co 9th & Washington Sts Dubuque Iowa

Minneapolia Builders Supply Co 927 Second Ave S Minncapolis Minn

NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY PENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY Pittsburgh Steel Prods Co PO Box 118 Pitts-burgh 30 Pa Republic Steel Co 1750 Army St San Francisco

Calif Soule Steel Co 1750 Army St San Francisco

24 Calif TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

STATES GYPSUM CO 300 W UNITED wi

NITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL faceling Corrugating Co 1134 Market St Wheeling W Va ICKWIRE SPENCER STEEL DIV 575 MADISON AVE NEW YORK 19 NY

#### LATHING, SUSPENDED CEILING SYSTEMS

Alden Mfg Co 201 W Walnut St Painesville ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Pittsburge Steel Prode CO PO D

AVE BUFFALO 2 NY Pittaburgh Steel Prods Co PO Box 118 Pittab-burgh 30 Pa Suspended Ceiling Div Sanymetal Prods Co 1705 Urbana Rd Cleveland 12 Ohio UNITED STATES CYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

#### LEVELS, CARPENTER'S, MASON'S

ACE STEEL CO 12397 CLOVERDALE DE-TROIT 4 MICH BOSTROM BRADY MFG CO STONEWALL & BAILEY ATLANTA GA Christensen & Kroll PO Box 284 McMinnville Ore

Ore COFFMAN (R G) CO INC PO BOX 1113 OR-LANDO FLA Columbian Vise & Mfg Co 9021 Bessemer Ave Cleveland 4 Ohio Empire Level Mfg Co Box 97 Milwaukee 13

Empir Wis General Hdwe Mfg Co Inc 80 White St New

General Hdwe Mfg Co Inc 80 White St New York 13 NY GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO Graham (John H) & Co Inc PO Box 1042 New York 8 NY Hall Level & Mfg Works 1119 E Fourth St Austin Texas Harris Inc 200 E Long St Columbus Ohio HYDROLEVEL 53 DE SOTO AVE OCEAN SPRINGS MISS MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA Mayees Bros Tool & Mfg Co Port Austin Mich Ox-Wall Tool Co 928 Broadway New York 10 NY

NY PEERLESS LEVEL & TOOL CO 104 THIRD AVE STERLING ILL Pickett & Eckel Inc 1109 S Fremont Ave Al-hambra Calif

Sands Level & Tool Co 601 Clinton St Clinton

Ind SCHARF (J H) MFG CO 6120 BINNEY ST OMAHA 4 NEB Schultes Level Inc 17403 Gable Ave Detroit

Mich

SIMPLEX LEVEL CO PO BOX 329 JACKSON

SIMPLEX LEVEL CO PO BOX 329 JACKSON MICH STANLEY TOOLS DIV 111 ELM AVE NEW BRITAIN CONN Starrett (L S) Co 101 Creacent St Athol Mass SUPERIOR LEVEL CO 300 GOLDENGATE DETROIT 3 MICH TIOM WOOD CO 81 WEBSTER ST ROCK-LAND MASS WARREN-KNIGHT CO 136 N 12 ST PHILA-DELPHIA 7 PA WHITE (DAVID) CO 315 W COURT ST MIL-WAUKEE WIS

#### LIGHTS, SPOT & FLOOD

Alkco Mfg Co 4242 N Lincoln Chicago 18 III Benjamin Electric Co Des Plaines III Emarco Corp 615 Far Hills Sta Dayton 9 Ohio Garrison Wagner Co 2018 Washington Ave St Louis 3 Mo

GENERAL ELECTRIC CO APPARATUS SALES DIV 1 RIVER RD SCHENECTADY NY 5

Holoph ane Co Inc 342 Madison Ave New York 17 NY slin Displays Inc 105 Kingston Boston 11 Je

Mass

Mass KEES (F D) MFG CO 700 PARK AVE BEATRICE NEB Kirlin Co 3435 E Jefferson Detroit. 7 Mich LIGHTOLIER CO 346 CLAREMONT AVE JERSEY CITY NJ MODERN SWIMMING POOL CO INC 1 HOL-LAND AVE WHITE PLAINS NY

Pyle-National Co 1334 N Kostner Chicago 51

Steber Mfg Co 2700 Roosevelt Rd Broadview Ill

111 Swivelier Co Inc 43 34th St Brooklyn 32 NY WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA

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Ash Grove Lime & Portland Cement Co Fair-fax Bldg Kansas City Mo CELOTEX CORP 120 S LA SALLE ST CHI-CAGO 3 ILL CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA Chicago Fire Brick Co 1467 N Elston Chicago 22 III Corson (G & W H) Inc Plymouth Meeting Pa

22 III Corson (G & W H) Inc Plymouth Meeting Pa Gibsonburg Lime Prod Co Gibsonburg Ohio Kelley Island Co 1132 Leader Bldg Cleveland

Kelley Island Co 1132 Leader Bild Cleveland 14 Ohio Keystone Lime Works Inc Keystone Ala Marbichead Lime Co 300 W Washington Chi-cago 6 Ill Menke Stone & Lime Co 828 Vermont St Quincy Ill NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY National Lime & Stone Co First Nat'l Bank Bidg Findlay Ohio OHIO LIME CO WOODVILLE OHIO Permanente Cement Co 1924 Broadway Oak-

Permanente Cement Co 1924 Broadway Oak-land Calif Rockwell Lime Co 228 N LaSalle Chicago 1

Smith Chemical & Color Co 55 John St Brook-

Iyn 1 NY Southern Cement Co Div American-Marietta Co 605 Protective Life Birmingham 3 Ala Standard Lime & Cement Co 1st Nat'l Bank Bldg Baltimore 3 Md UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL Warner Co 1721 Arch St Philadelphia 3 Pa Western Lime & Cement Co 125 East Wells St Milwaukee Wis Woodville Lime Co 2140 Jefferson Ave Toledo 2 Ohio

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Ave Clinetinati 22 Ohio GILES & KENDALL CO PO BOX 961 HUNT-SILLE ALA Midwest Jobbers Inc 3300 08 S Racine Chicago 8 III

# III Miller & Co Inc Selma Ala Miller & Co Inc Selma Ala Nickey Bros Inc 2700 Summer Ave Memphis Tenn Osage Prods Co Eldon Mo Paxton (Frank) Lbr Co 6311 St John Ave Kansas City Mo Plytex Corp 1731 Elston Ave Chicago 22 III Twin City Hardwood Lbr Co 509 N Cleveland Ave St Paul 14 Minn

ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA BIRD & SON INC 47 WILSON ST EAST WALPOLE MASS Bonafide Mills Inc 295 Fifth Ave New York NY CONGOLEUM-NAIRN INC 195 BELGROVE DR KEARNY NJ PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALLF

oane-Delaware Floor Prods Inc PO Box 401 Trenton 3 NJ

DAMS RITE MFG CO 540 W CHEVY CHASE GLENDALE 4 CALIF lien Steel Prods Inc 2941 E Ten Mile Rd

CHASE GLENDALE & CAMP Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich AMERICAN HARDWARE CORP CORBIN (P F) DIV 102 WASHINGTON ST NEW BRITAIN CONN AMERICAN HARDWARE CORP RUSSELL ERWIN DIV 102 WASHINGTON NEW BRITAIN CONN ARROW LOCK CORP 762 WYTHE AVE BROOKLYN 11 NY Best Universal Lock Co 10 N Senate India-napolia 4 Ind Challenger Lock Co 4865-4903 Exposition Los Angeles Calif CHESLER (J) & SONS INC 41-49 VARICK AVE BROOKLYN 37 NY Clinton Lock Co 78-31st Avenue N Clinton Iowa

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LOCKS, DOOR & CABINET

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CORBIN (P & F) DIV AMERICAN HARD-WARE CORP 102 WASHINGTON ST NEW BRITAIN CONN Detroit Hdwe Mfg Co 1320 Mt Elliott Detroit

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7 MICH DEXTER LOCK DIV DEXTER INDUSTRIES 1609 MADISON S E GRAND RAPIDS 2

MICH MICH Dieco Machine Tool Co 90-12 Rockaway Wood-haven 17 NY Duncan Shaw Corp 33 West 42nd St New York 18 NY Eagle Lock Co 20 S Main St Terryville Conn Earle Howe Mfg Co Noble & Gregg Sts Read-

ing Pa ENGINEERED PRODS CO 129 SMITH ST FLINT 3 MICH Erco Mfg Co 2368 Elston Ave Chicago 14 Ill Fiwale Equipment Mfg Co 105 Reade St New York 13 NY

FRANTZ MFG CO 301 W 3RD ST STERLING ILL

ILL Gougler (C L) Machine Co Lock Div 1460 E Lake St Kent Ohio Harloc Prods Corp 25 Fox St New Haven Conn Harris Inc 200 E Long St Columbus Ohio Haseo Industries Inc Railroad Ave E Northport LI NY Ideal Brass Works Inc 250 E Fifth St St Paul

1 Minn INDEPENDENT LOCK CO 1950 CLEGHORN

INDEPENDENT LOCK CO 1930 CLEGHORN FITCHBURG MASS KWIKSET LOCKS INC 737 BARRIS DR FUL-LERTON CALIF KWIKSET SALES & SERVICE CO 516 E SANTA ANA ANAHEIM CALIF La Relle Industris Ine Oconomouve Wis

SANTA ANA ANAHEIM CALIF La Belle Industries Inc Oconomowoc Wis LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO NATIONAL HARDWARE CO 101-57-100TH ST OZONE PARK NY NATIONAL LOCK CO 1902 7TH STREET ROCKFORD ILLINOIS



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erless Mfg Co Inc 2100 N 11th St Reading ' p, Pa

Fa
 Penn-Akron Hardware Corp 32nd Ave & 57th St Woodside 77 NY
 Phoenix Lock Co 327-3rd Ave Newark 7 NJ
 Reeso Padlock Co 126 Sherman St Lancaster

Pa Richards-Wilcox MFG Co 220 THIRD ST AURORA ILL RUSSELL & ERWIN DIV AMERICAN HARDWARE 102 WASHINGTON NEW BRITAIN CONN Safe Padlock & Hdwe Co 2nd & Crystal Sts Lancaster Pa SARGENT & CO 45 WATER ST NEW HA-VEN 9 CONN SCHLAGE LOCK CO 2201 RAY SHORE

VEN 9 CONN SCHLAGE LOCK CO 2201 BAY SHORE BLVD SAN FRANCISCO 19 CALIF Segal Lock & Hdwe Co Inc 395 Broadway New York 7 NY egal Lock York 7 N

Skillman Hdwe Co Edgewood Ave Trenton 4 NJ

Slaymaker Lock Co 115 SW End Ave Lancaster p.

ra STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL Sultan Bres 1470 39 Brooklyn 18 NY Sun Metal Prods Co 3319 W Carroll Chicago

Sun Me 24 III

24 III Taylor Lock Co 2034 W Lippincott Philadel-phia 32 Pa Metallon Prods Inc 2050 E 48th St Los An-geles 58 Calif Vimcar Sales Co PO Box 2187 Van Nuys Calif

WEISER LOCK CO 8635 OTIS ST SOUTH GATE CALIF

WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF Yale & Towne Mfg Co 11 S Broadway White Flains NY

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LOUVRES, ATTIC VENTILATING

Airolite Co Westview Ave Marietta Ohio Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich American Coolair Corp 3604 Mayflower St Jacksonville 3 Fla American Metal Works Inc 4401 Bienville St

American Metal Works Inc 4401 Bienville St New Orleans La Arex Co 612 N Michigan Ave Chicago 11 Ill Berger Furnace Corp 4th & Main St Belle Vernon Pa CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL CHELSEA FAN & BLOWER CO INC 639 S AVE PLAINFIELD NJ Clay Equipment Corp. 23 Builder St Cedar

Clay Equipm Falls Iowa Equipment Corp 23 Builder St Cedar

CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO

CURTIS COMPANIES INC 1200 S SECOND AVE CLINTON IOWA

AVE CLINTON 10WA DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Furley & Loctacher Mfg Co Dubuque Iowa Fordyce Lbr Co Fordyce Ark Frigid Inc 128-68 32nd St Brooklyn 32 NY Gabriel Steel Co 13700 Sherwood St Detroit 12

Mich Gichner Inc 1900 Kendall N E Washington 2

oshen Sash & Door Co East Purl Goshen Ind regg & Son Inc 21-31 Blandin Ave Framingc

Goshen Susa Gregg & Son Inc 21-31 Blandin Arr ham Mass H-C Sales Co 3300 N Adams St Peqria 3 Ill Harris Inc 200 E Long St Columbus Ohio Hurd Millwork Corp Medford Wis Ideal Co 24th & Mary Sts Waco Texas

INLAND STEEL PRODE CO 4111 W BURN-HAM MILWAUKEE WIS Klauer Mfg Co 9th & Wash Sts Dubuque Iowa Krauser-Boyd Inc 553 River Rd N Tonawanda

NV L

eslie Welding Co Inc 2943 W Carroll Ave Chicago 12 Ill

LOUVER MFG & SUPPLY 5807 W 36TH MINNEAPOLIS MINN

LOUV-R-PAK INC PO BOX 1841 FORT WORTH TEXAS WORTH TEXAS Maco Corp 1345 Henry St Huntington Ind Marquart Millwork Co 50 Ceape St Oshkosh

MIDGET LOUVER CO 6-8 WALL ST NOR-Me

WALK CONN organ Sash & Door Co 2287 Blue Island Chicago 8 Ill

MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Parker (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY

Peerlos Electric Co 1401 W Market St Waren Ohio

ROACH & MUSSER CO MUSCATINE IOWA Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill

Rudeen (N H) Co 1654 Hennepin Minneapolis

3 Minn Sin-Jin Prods Co 5236-40 Fairlawn Ave Balti-more 15 Md

NOTE D STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL Vimcar Sales Co PO Box 2187 Van Nuys Calif Webb Mfg Co 211 Main Rd Conneaut Ohio

#### LUMBER, BIRCH

Angelina Hardwood Sales Co PO Box 1020 Lufkin Texas Berger Insulation Co Inc 5920 Centre Ave Pittsburgh 6 Pa

CONNOR LBR & LAND CO 231 THOMAS ST WAUSAU WIS Cotton & Hanlon Odessa NY

CROSSETT LBR CO CROSSETT ARK Edens-Birch Lbr Co Box B Corrigan Texas Farrin (M B) Lbr Co Spring Grove & Station Ave Cincinnati 32 Ohio

FROST LER INDUSTRIES PO DRAWER 1125 SHREVEPORT 90 LA Griffith Lbe Co 917 Guaranty Bank Bldg Hunt-ington W Va Hardwood Corp of America PO Box 1091 Ashe-

ville NC Marshall Lbr Co Box 559 Marion NC McMinnville Mfg Co PO Box 151 McMinnville

Tenn

Tenn Meadow River Lbr Co Box 245 Rainelle W Va Miller & Co Inc Selma Ala Mower Lbr Co PO Box 2151 Charleston 28 Mower

Mower Lbr Co FO Box 2151 Charleston 28 W Va Paxton (Frank) Lbr Co 6311 St John Ave Kanaas City Mo Plywood & Door Sales Corp Sugarcreek Ohio Schreiber (Wm C) Lbr Co 2255 S Lumber Chicago 16 Ill Twin City Hardwood Lbr Co 509 N Cleveland Ave St Paul 14 Minn Veneh-May-Wilson Inc 1199 Wright Rd Alcoa Tenn

Tenn Wells (J W) Lbr Co of Alabama PO Box 212 Montgomery 1 Ala

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Angelina County Lbr Co Keltys Texas Angelina Hardwood Sales Co PO Box 1020 ngelina Hardwood Sales Co FO Dox Avev Lufkin Texas rrow Tank Co Inc 16 Barnett St Buffalo 15

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CROSSETT LBR CO CROSSETT ARK Cummer Sons Cypress Co PO Box 4640 Jack-sonville Fla Edens-Birch Lbr Co Box B Corrigan Texas Ferguson (W T) Lbr Co 8th & Pine Sts St Louis 1 Mo GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE Lightaey Bros Miley SC Mansfield Hardwood Lbr Co 1166 Louisiana Ave Shreveport La Miller & Co Inc Selma Ala Miller (T R) Mill Co 402 Deer St Brewton Ala

Ala Phillips-Rhyne Lbr Co Inc PO Box 257 Brook-

Phillips-Rhyne Lbr Co Inc PO Box 257 Brook-haven Miss Plywood & Door Sales Corp Sugarcreek Ohio Triplett Lbr Co Inc Box 738 Lenoir NC Twin City Hardwood Lbr Co 509 M Cleveland Ave St Paul 14 Minn US Challenge & Challenge Co 1441 N Kings-bury Chicago 22 III Veach-May-Wilson Inc 1199 Wright Rd Alcoa

bury Chicken Inc 1199 Wright Veach-May-Wilson Inc 1199 Wright Tenn Wells (J W) Lhr Co of Alabama PO Box 212 Montgomery 1 Ala

Agnew Lbr Co 903 B St Centralia Wash Arrow Tank Co Inc 16 Barnett St Buffalo 15 NY

NY Babcock Lbr Co Frick Bldg Pittsburgh 19 Pa Brooks-Scanlon Inc Box 1111 Bend Ore Cascade Lbr Co N Th & H Sta Yakima Wash Cascade Pacific Lbr Co 319 Pacific Bldg Port-land 4 Ore Clear Fir Sales Co PO Box 188 Springfield

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Mich Exchange Sawmills Sales Co R A Long Bidg Kansas City 6 Mo Ferguson (W T) Lbr Co 8th & Pine Sts St Louis 1 Mo Firpine Prods Co PO Box 188 Oswego Ore

Firpine Prods Co PO Box 188 Oswego Ore GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE Giustina Brothers Lbr Co Box 989 Eugene Ore Gray Lbr & Shingle Co Box 812 Seattle Wash

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Martin Bros Box Co Oakland Oregon Mauk Seattle Lbr Co 3935 University Seattle 5 Wash

Wash Medford Corp PO Box 552 Medford Ore Menasha Plywood Corp PO Box 877 North

Medford Corp FU Box Son Dox S77 North Menasha Plywood Corp FO Box 877 North Bend Ore Miller (Geo Ey Lbr Co 617 Equitable Bldg Portland 4 Ore Nebr Bridge Supply & Lbr Co 40th & Leaven-worth Omaha 5 Nebr Neils (J) Lbr Co Libby Mont New Mexico Timber Co PO Box 988 Albuquer-new NM

vew mexico rimber co PO box vss Albuquer-que NM Ostin (David) Moulding Corp 10th & Bassett-law Sacramento 3 Calif Pacific Mutual Door Co Tacoma Bldg Tacoma

Wash Patrick Lhr Co Portland 5 Ore Paxton (Frank) Lbr Co 6311 St John Ave Kanasa City Mo Plytex Corp 1731 Elston Ave Chicago 22 111 Robinson Plywood & Timber Co PO Box 904

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Umpqua Plywood Corp PO Box 158 Myrtle Creek Ore US Challenge & Challenge Co 1441 N Kings-bury Chicago 22 Ill UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY US Plywood Corp Shasta Div PO Box 1688 Redding Calif Vench-May-Wilson Inc 1199 Wright Rd Alcoa

Redding Calif Vench-May-Wilson Inc 1199 Wright Rd Alcoa Tenn Webster (H E) Lbr Co 1215 R A Long Bldg Kansas City 6 Mo WEYERHAEUSER SALES CO 15T NAT'L BANK BLDG ST PAUL 1 MINN Willamette Valley Lbr Co Box 5 Dallas Ore Winton Lbr Sales Co 3100 W Lake St Minne-apolis 2 Minn Woodward (W A) Lbr Co Cottage Grove Ore

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MISS Ferguson (W T) Lbr Co 8th & Pine Sts St Louis 1 Mo FROST LBR INDUSTRIES PO DRAWER 1125 SHREVEPORT 90 LA GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE SHIPORTLAND ORE DO Box 1001 Aches

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Lightsey Bros Miley SC
LONG-BELL LBR CO 926-8 GRAND AVE
KANSAS CITY 6 MO
Manshield Hardwood Lbr Co 1166 Louisiana Ave Shreveport La
Miller & Co Inc Selma Ala Owen (R C) Co Hopkinsville Ky
Paxton (Frank) Lbr Co 6311 St John Ave Kansas City Mo
Stewart (E A) Lbr Co Inc PO Box 1777 Tex-arkana Texas
Texoak Flooring Co PO Box 480 Crockett Texas

Texas

Texas Twin City Hardwood Lbr Co 509 N Cleveland Ave St Paul 14 Minn UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY Wells (J W) Lbr Co of Alabama PO Box 212 Montgomery 1 Ala Williams (J L) & Sons Sheridan Ark

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WEYERHAEUSER SALES CO 1ST NAT'L BANK BLDG ST PAUL 1 MINN

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 Cotton & Hanlon Odessa NY
 Farrin (M B) Lbr Co Spring Grove & Sta Cincinnati 32 Ohio
 Ferguson (W T) Lbr Co Eighth & Pine Sts St Louis 1 Mo
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Virginia Oak Flooring Co Inc PO Box 969 Pulaski Va Williams-Brownell Inc PO Box 1091 Asheville Williams (J L) & Sons Sheridan Ark

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Wash Cascade Pacific Lbr Co 319 Pacific Bldg Port-

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WAUSAU WIS Cotton & Hanlon Odessa NY Ferguson (W T) Lbr Co Eighth & Pine Sts St Louis 1 Mo

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haven Miss SOUTHERN PINE ASSN NEW ORLEANS

LA

LA Southern Pine Lbr Co DiBoll Texas Triplett Lbr Co Inc Box 738 Lenoir NC Veach-May-Wilson Inc 1199 Wright Rd Alcoa W

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Francisco 4 Calif SOUTHERN LBR CO PO BOX 510 WARREN

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Crosse Wis Semling-Menke Co S Nast St Merrill Wis SILCREST CO 160 THOMAS ST WAUSAU

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New York 61 NY Prestile Mfg Co 5850 W Ogden Ave Chicago 50 Ill Tex-A-Panel Mfg Co 10848 Harry Hines Dallas

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Rausehenberger (John) to the Albert Milwaukee 1 Wis REYNOLDS METAL CO BLDG PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich AMERICAN STEEL & WIRE DIV 1420 ROCKEFELLER BLDG CLEVELAND 13

OHIO Amgell Nail & Chaplet Co 4580 E 71st St Cleveland Ohio Atlas Tack Corp S Pleasant St Fairhaven

Atlas Mass

Bambrick (Richard J) 125 Broad St New York

4 NY BETHLEHEM STEEL CO 701 E THIRD ST BETHLEHEM PA CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN COLORADO FUEL & IRON CONP CON-TINENTAL OIL BLDG DENVER 2 COLO COLUMBIA-GENEVA DIV U S STEEL CORP RUSS BLDG SAN FRANCISCO CALIF Continental Steel Corp 1109 S Main St Kokomo Ind

Ind Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 MD Illinois Nail Co 826 N Peoria Chicago III INDEFENDENT NAIL & PACKING CO STONE ST BRIDGEWATER MASS Jones & Laughlin Steel Corp 3 Gateway Center Pittsburgh 30 Pa

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120 MON 6 CALIF

CALIP
 Continental Steel Corp 1109 S Main St Ko-komo In Susquehanna St Williamsport Pa
 Dietrich Bros Ine 2700 Loch Raven Rd Baltimore 18 MD
 HASSALL (JOHN) INC WESTBURY LI NY
 INDEPENDENT NAIL & PACKING CO
 STONE ST BRIDGEWATER MASS
 KEYSTONE STEEL & WIRE CO 7000 S
 ADAMS PEORIA 7 ILL
 MAZE (W H) CO CHURCH ST & RIVER PERU ILL
 Mid States Steel & Wire Co Crawfordsville Ind

Ind NICHOLAS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT 10WA Northwestern Steel & Wire Co Ave B & Wallace St Sterling III Owen (R C) Co Hopkinaville Ky POWERNAIL CO 961 MONTANA ST CHI-CAEO 44 H CO 961 MONTANA ST CHI-

POWERNAIL CO 961 MONTANA ST CHI-CAGO 14 ILL Rauschenberger (John) Co 423 N Plankington Milwaukee 1 Wis REPUBLIC STEEL CORP REPUBLIC BLDG CLEVELAND 1 0H10 Sheffield Steel Div Armeo Steel Corp Sheffield Sta Kanasa City 25 Mo SPOTNAILS INC 1527 LYONS EVANSTON ILL

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DIV 2001 S NINTH ST LOUISVILLE 1 KY Sheffield State Div Armco Steel Corp Shef-field Sta Kansas Cfty 25 Mo. TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA Valentine Equipment Co 561 W Washington Chicago III Wickwire Bros Inc 189 Main St Cortland NY

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mo Ind Deniston Co 4856 S Western Ave Chicago 9 Ill Dickson Weatherproof Nail Co 1900 Green-wood Ave Evanston Ill E G BUILDING FASTENERS CORP 101 PARK AVE NEW YORK 17 NY H & R MFG CO 20080 ST CLAIR CLEVE-LAND 17 OHIO HASSALL (JOHN) INC PO BOX 2166 WESTEURY LI NY Hillwood Mfg Co 21700 St Clair Ave Cleveland 17 Ohio

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 Indiana Cash Drawer Co Shelbyville Ind
 International Business Machine Corp 590
 Madison Ave New York 22 NY
 Lightning Adding Machine Sales Co 2306 W
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Smith-Corona Inc 701 E Washington Syracuse NY

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Pa

Page Coup rioga & C of Star Inhadepina ef Page Coup rioga & C of Star Inhadepina ef Page Coup rioga and the second star consist rapping & Econd ST N WIS-CONSIN RAPIDS WIS SAMUEL STAMPING & ENAMELING CO CHATTANOOGA TENN Stevens (Geo T) & Associates 612 N Michigan Ave Chicago 11 111 STIGLITZ CORP 2007 PORTLAND AVE LOUISVILLE KY SUPERIOR FIREPLACE CO 1708 E 15TH ST LOS ANGELES 21 CALIF Tennessee Stove Works 14th & Holtzelaw Chattanooga Tenn

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Paasche Airbrush Co 1909 W Diversey Pkwy Chicago 14 Ill PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Root-Lowell Corp 445 N Lake Shore Dr Chi-cago Ill Selleo Corp 157 W Kellogg St Paul 2 Minn Stewart-Warner Corp 1828 W Diversey Chi-cago 14 Ill Tamms Industries Inc 228 N La Salle St Chicago 1 Ill

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Berry Mich

Blue Ridge Talc Co Inc Henry Va Briggs-Maroney Co Inc 85 Paris St Everett

Blue Ridge Talc Co Inc Henry Va Brigge-Maroney Cd Inc 85 Paris St Everett 9 Mass
 Builders Prods 105 W Adams St Chicago 3 Ill Burdsal (A) Co 208 W Georgia St Indianap-olis Ind
 CABOT (SAMUEL) INC 141 MILK ST BOS-TON 9 MASS
 CALBAR PAINT & VARNISH CO 2612-26 N MARTHA PHILADELPHIA 25 PA Carter Waters Corp 2440 Pennway Kansas City 8 Mo Celadri Corp of New York 14 Newbridge Rd

City & Mo Celadri Corp of New York 14 Newbridge Rd Hicksville LI NY Central Paint & Varnish Wks 59 Prospect St Brooklyn 1 NY Ceresit Waterproofing Corp 3227 S Shields Ave Chicago 16 III Cheeseman-Elliot Co Inc 645 Kent Ave Brook-lyn 11 NY Chicago Bronze & Color Wks 2673 W Grand Ave Chicago 12 III Chicago Paints Inc 4500 W 14th Chicago 23 III

III Chi-Namel Paint & Varnish Co 1101 Third St S Minneapolis Minn Coddington (E D) Mfg Co 5024 N 37th St Mil-waukee 9 Wis

COLORCRETE INDUSTRIES INC 24T OTTAWA STS HOLLAND 1 MICH Concor Co 4550 Main St Kansas City Mo 94711 .8.

Cook Paint & Varnish Co 1412 Knox North Kansas City Mo

Devoe & Raynolds Co Inc 3632 Woodward Ave Detroit 1 Mich

Devoe & Raynolds Co Inc 401 W Main St Louisville 2 Ky Dixon Crucible Co 167 Wayne St Jersey City 3

NJ Dugan Stone Patcher & Stain Prod 8115 Ken-wood Ave Chicago 19 III DuPont de Nemours (E I) & Co Inc 1007 Mar-ket St Wilmington 98 Del

Elliott Paint & Varnish Co 4523 Fifth Ave Chicago 24 Ill Chicago 24 Ill Empire Varnish Co 2636 E 76th St Cleveland 4 Ohio

Ensign Prods Co 3529 E 76th St Cleveland 5 Ohio

Evercrete Corp 424 W 42nd St New York 18 NY

NY COLOR OF A COLOR OF TOTAL OF Felton Sibley & Color 136 N Fourth St Felton Sibley & Color 136 N Fourth St feltorock Color 36th & Filbert Sts Philadelphia feltorock Color 160 N Filbert St & Rider Ave New York 51 NY Foy Paint Color 1776 Mentor Ave Cincin-nati 12 Ohio General Paint Corp 2627 Army St San Fran-cisco Calif

PORTLAND CEMENT CO 111 CENERAL GENERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO 3 ILL Gillespie Varnish Co Dey & Howell Sta Jersey City 6 NJ

City 6 NJ Glidden Co Third & Bern Sts Reading Pa GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO

Globe Paint Works Inc P O Box 36 Williams-

Globe Paint Works Inc P O Box 36 Williamsport 5 Pa
Globe Paint Mfg Co 95 W Long Columbus
Hanna Paint Mfg Co 95 W Long Columbus
Harrison Paint & Varnish Co 1329 Harrison
S W Canton 1 Ohio
Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 III
Horn (A C) Co Inc 252 Townsend St San Francisco Calif
Horn (A C) Co Inc 252 Townsend St San Francisco Calif
Horn (A C) Co Inc 252 Townsend St San St Chicago 16 III
Johnston (R F) Paint Co 2925 Huston Ave Cincinnati 12 Ohio
Kay-Tite Co 10 White St West Orange NJ Kedmont Waterproofing Co 330 S Dearborn Chicago 4 III
Keystone Paint & Varnish Corp 71 Otsego St Brookyn 31 NY
Kyanize Paints Ine Second & Boston Sts Everet 49 Mass
Lasting Prods Co Franklintown Rd Baltimore 23 Md
Lawrence (W W) & Co 1124-32 W Carson Pittshurch 19 Pa

Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa LOWE BROS 436 E THIRD ST DAYTON 2 OHIO UHIO Lowebco Inc 1525 E 53rd St Chicago 15 Ill Marietta Paint & Color Co Green & Aeme Sts Marietta Ohio Martin-Senour Co 2520 S Quarry St Chicago 8 Ill

III Masonry Waterproofing Co Ine Box 1061 North Station Arlington 7 Va Masury (John W) & Son Ine 1700 Bayard St Baltimore 30 Md MEDUSA PORTLAND CEMENT CO 1000 MIDLAND BLDG CLEVELAND 15 OH10

MIDLAND BLDG CLEVELAND IS OMIO Merkin (M J) Paint Co Ine 1441 Broadway New York 18 NY Minnesota Paints Ine 1101 Third Sta Min-neapolis Minn Minnesota Platon Corp Platon Bldg Pipestone

Minn Mobile Paint Mfg Co P O Box 1686 Mobile

Monroe Co Inc 10703 Quebec Ave Cleveland 6

Ohio Moore (Benjamin) & Co 511 Canal St New York 13 NY Muralo Co Inc 572 Richmond Ter Staten Island NY National Casein Sales 601 W 80th St Chicago

20 III National Chemical & Mfg Co 3617 S May St Chicago 9 III NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY

National Lead Co 111 Broadway New York 6 NY National Mfg Corp 3343 Flanagan St Tona-wanda NY

wanda NY OBrien Corp 101 N Johnson St South Bend 21 hd Panther Oil & Grease Mfg Co Box 711 Ft Worth Texas Patterson-Sargent Co 1325 E 38th St Cleve-land 14 Ohio Pecora Paint Co Inc Fourth St & Rdg RR Philadelphia 40 Pa Peerless Cement Corp 1144 Free Press Bldg Detroit 26 Mich Penetone Co 74 Hudson Ave Tenafly NJ

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Ala

Ohio

20 III

Penn Crete Prod Co 20th & Lippincott Sta Philadelphia 32 Pa Phelan-Faust Pant Mfg Co 932 Loughborough St Louis 11 Mo

SU LOUIS 11 MG PITTSBURGH PLATE PLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Pratt & Lambert Ine 75 Tonawanda St Buffalo 7 NY

7 NY Preservative Paint Co 5410 Airport Way Seattle 8 Wash Pyramid Co 433 Maple Ave Downers Grove

Quigley Co Inc 527 Fifth Ave New York 17

NY Reardon Co 7501 Page Ave St Louis 14 Mo Rocbond Prods Co Van Wert Ohio Rockford Paint Mfg Co 200 Sayre St Rockford III

III Rox Prod Co 9930 Freeland Detroit 27 Mich St Louis Surfacer & Faint Mfg Co 4200 Ar-lington Ave St Louis 20 Mo Sapolin Paints Inc 229 E 42nd St New York 17 NY

Sargent-Gerke Co 323 W 15th Indianapolis 6

Ind Seidlitz Paint & Varnish Co 18th & Garfield Seidlitz Paint & Varnish Co 18th & Garfield Sta Kansas City 10 Mo Sherwin-Williama Co 101 Prospect Ave NW Cleveland 1 Ohio Siliphane Corp of America 10 E 40th St New York NY Smooth-On Mfg Co 574 Communipaw Jersey City 4 NJ Sonneborn & Sons Bldg Prods Div 404 Fourth Ave New York 16 NY Spray-O-Bond Co 2225 N Humboldt Milwaukee 12 Wis

STANDARD DRY WALL PRODS INC 77 HUDMONT ST NEW EAGLE PA

Standard Industrial Prods 1500 Park St Evansville 4 Ind Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo

Steinote Mile Co 3416 Gratiot St St Louis 3 Mo Stonhard Co 1306 Spring Garden Philadel-phia 23 Pa Sullivan Co 212 E Trigg Memphis 2 Tenn Super Concrete Emulsions 1372 E 15th Los Angeles 21 Calif Surface Protection Co 16799 Euclid Ave Cleveland 12 Ohio Tamms Industries Inc 228 N 'LaSalle St Chi-cago 1 III Tremco Mfg Co 8701 Kinsman Rd Cleveland Ohio TRINITY PORTLAND CEMENT DIV GEN-

Ohio TRINITY PORTLAND CEMENT DIV GEN-ERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO ILL

MONROE ST CHICAGO ILL Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY Truscon Lab Div Devoe & Reynolds Co Caniff at Grand Trunk Detroit 11 Mich Tufcreie Co Inc 552 Teachout Bldg Des Moines 9 Iowa Twentieth Century Paint & Varnish Co 456 Driggs Ave Brooklyn 11 NY United Labs Inc 16801 Euclid Ave Cleveland 12 Ohio

United Labs Inc 16801 Euclid Ave Cleveland 12 Ohio United Lacquer Mfg Corp 1001 W Elizabeth Linden NJ UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL VALSPAR CORP 7 E LANCASTER AVE ARDMORE PA Verflex Sales Corp 115-117 Moonachie Carl-stadt NJ

stadt NJ Via-Var Corp 10 Commerce Ct Newark NJ Vorac Co 147 Meadow Rd Rutherford NJ Wesso Waterpaint Div Nat'l Gypsum Co 742 Grayaon St Berkeley 10 Calif Wilbur & Williams Co 130 Lincoln Boston 35

Maas

# PAINTS, OIL

Acme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich Akron Paint & Varnish Co 1390 Firestone Pkwy Akron 1 Ohio Alabastine Paint Prods 2629 Grand Ave Chi-cago 12 III American Asbestos Prods Co 8000 Franklin Bivd Cleveland Ohio American Varnish Co 1140 N Branch St Chi-cago 22 III

cago 22 111 ARCO CO 7301 Bessemer Cleveland 4 Ohio Arnesto Paint Co Inc 550 W 46th St New York 19 NY Barreled Sunlight Paint Co 12 Dudley St Fork 19 NY arreled Sunlight Paint Co 12 Dudley St Providence 1 RI

Berry Brothers Inc 211 Leib St Detroit 7

Berry Brothers Inc 211 Leib St Detroit 7 Mich Bradley & Vrooman Co 2629 S Dearborn Chi-cago 16 Ill Brang Brothers First & Harrison Hoboken

NJ

NJ Burdsal (A) Co 208 W Georgia St Indianap-olis Ind CABOT (SAMUEL) INC 141 MILK ST BOS-TON 9 MASS Carbolineum Wood Preserving Co 528 W High-

TON 9 MASS Carbolineum Wood Preserving Co 528 W High-Iand Ave Milwaukee 3 Wis Central Paint & Varnish Wks 59 Prospect St Brooklyn 1 NY Cheeseman-Elliot Co Inc 645 Kent Ave Brook-lyn 11 NY Chicago Bronze & Color Wks 2673 W Grand Ave Chicago 12 Ill

Chicago Paints Inc 4500 W 14th Chicago 23

Chi-Namel Paint & Varnish Co 1101 Third St S Minneapolis Minn

S Minneapoils Minn Claronex Prods Inc 239 Java Brooklyn 22 NY Cook Paint & Vanish Co 1412 Knox North Kansas City Mo n.

evoe & Raynold Detroit 1 Mich olds Co Inc 3632 Woodward Ave

Devoe & Raynolda Co Inc 401 W Main St Louisville 2 Ky Dixon Crucible Co 167 Wayne St Jersey City 3 NJ

3 NJ Dolphin Paint & Varnish Co 922 Locust St Toledo 3 Ohio DuPont de Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del Elliott Paint & Varnish Co 4523 Fifth Ave Chicago 24 Ill

Chicago 24 III Felton Sibley & Co Inc 136 N Fourth St Philadelphia 6 Pa Flexrock Co 36th & Filbert Sts Philadelphia 4

Fa Forman-Ford & Co 111 E Second St Minneapolis Minn oy Paint Co Inc 1776 Mentor Ave Cincinnati Far

Foy Paint Co Inc 1776 Mentor Ave Cincinnati 12 Ohio General Paint Corp 2627 Army St San Fran-cisco Calif Gillespie Varnish Co Dey & Howell Sts Jersey City 6 NJ Glastic Corp North Kansas City 16 Mo GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO Clab Being Works Day Do Day 20 William

CLEVELAND 2 OHIO Globe Paint Works Inc P O Box 36 Williams-port 5 Pa Grand Rapids Varnish Corp 1350 Steele Ave SW Grand Rapids 2 Mich Hanna Paint Mfg Co 95 W Long Columbus 16 Obio

Hanna Paint Mfg Co 95 W Long Columbus 16 Ohio
Harrison Paint & Varnish Co 1829 Harrison SW Canton 1 Ohio
Hoboken Lead & Color Works Inc 15th & Adams St Hoboken NJ
Hooker Glass & Paint Mfg Co 659 W Wash-ington Chicago 6 111
Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY
Indianapolis Paint & Color Co 640 N Capitol Ave Indianapolis 6 Ind Jewel Paint & Varnish Co 345 N Western Chicago 111
Johnston (R F) Paint Co 3925 Huston Ave Cincinnati 12 Ohio
Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY
King (E & F) & Co Inc 640 Pleasant St Nor-wood Mass

King (E & F wood Mass

wood Mass Kurfees Paint Co 201 E Market Louisville Ky Kyanize Paints Inc Second & Boston Sts Everett 49 Mass Lasting Prods Co Franklintown Rd Baltimore 23 Md

23 Md Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa Liebich (G J) Co 931 N Ogden Ave Chicago 22

Linseed Oil Prods Co 1107 S Fremont Ave Alhambra Calif

LOWE BROS 436 E THIRD ST DAYTON 2 OHIO

OHIO Lucas (John) & Co Inc 1619 Penn Blvd Phila-delphia Pa Marietta, Paint & Color Co Green & Acme Sts Marietta Ohio Martin-Senour Co 2520 S Quarry St Chicago 8 III

111 Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md McMurtry Mfg Co 1533 Arapahoe Denver

Colo Merkin (M J) Paint Co Inc 1441 Broadway New York 18 NY Minnesota Paints Inc 1101 Third Sts Min-nespolis Minn Mobile Paint Mfg Co P O Box 1686 Mobile

Ala Monarch Paint Co 150 N Third St Pekin II Moore (Benjamin) & Co 511 Canal St New York 13 NY Muralo Co Inc 572 Richmond Ter Staten Island NY National Lead Co 111 Broadway New York 6 NY

National Mfg Corp 3343 Flanagan St Tona-

wanda NY O'Brien Corp 101 N Johnson St South Bend 21

PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF

SAN FRANCISCO CALIF Patterson-Sargent Co 1325 E 38th St Cleve-land 14 Ohio Penslee-Gaulhert Paint & Varnish Co 223 N 13th St Louisville Ky Pecora Paint Co Inc Fourth St & Rdg RR Philadelphia 40 Pa Phelan-Faust Paint Mfg Co 932 Loughborough St Louis 11 Mo Pioneer Mfg Co 3053 E 87th St Cleveland 4 Ohio

Onio PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Pontiac Varnish Co 30 Brush St Pontiac 12

Pontiac Mich Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY

7 NT Preservative Paint Co 5410 Airport Way Seattle 8 Wash

Quigley Co Inc 527 Fifth Ave New York 17 NY Rockford Paint Mfg Co 200 Sayre St Reckford

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III St Louis Surface & Paint Mfg Co 4200 Ar-lington Ave St Louis 20 Mo Sapolin Paints Inc 229 E 42nd St New York 17 NY Sargent-Gerke Co 323 W 15th Indianapolis 6

<sup>14</sup> Ni Sargent-Gerke Co 323 W 15th Indianapolis 6 Ind Seal Rite Caulking Co 17300 Wyoming Ave Detroit Mich Seidlitz Paint & Varnish Co 18th & Garfield Sts Kansas City 10 Mo Sherwin-Williams Co 101 Prospect Ave NW Cleveland 1 Ohio Sonneborn & Sons Bldg Prods Div 404 Fourth Ave New York 16 NY Standard Industrial Prods 1500 Park St Evansville 4 Ind Standard-Toch Chemicals Inc 2600 Richmond Ter Staten Island NY Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo

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Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo Sullivan Co 212 E Trigg Memphis 2 Tenn Superior Paint & Varnish Works 2256 N Elston Chicago III Toch Brog 2600 Richmond Ter Staten Island 3 NY

Tremco Ohio co Mfg Co 8701 Kinsman Rd Cleveland

Ohio Truscon Labs Div Devoe & Raynolds Co Caniff at Grand Trunk Detroit 11 Mich Twentieth Century Paint & Varnish Co 456 Driggs Ave Brooklyn 11 NY United Lacquer Mfg Corp 1001 W Elizabeth Linden NJ VALSPAR CORP 7 E LANCASTER AVE

ALSPAR CORP 7 E LANCASTER AVE ARDMORE PA Vita-Var Corp 10 Commerce Ct Newark NJ Wadsworth Howland & Co 141 Federal Boston

Mass Wethrill (George D) & Co Inc 113 Arch St Philadelphia 6 Pa Wilbur & Williams Co 130 Lincoln Boston 35 Mass

Acme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich Akron Paint & Varnish Co 1390 Firestone Pkwy Akron 1 Ohio Alabastine Paint Prods 2629 Grand Ave Chi-cago 12 III American Marietta Co Valdura Div 101 E Ontario St Chicago 11 III American Varnish Co 1140 N Branch St Chi-cago 22 III ARCO CO 7391 BESSEMER CLEVELAND 4 OHIO

ARCO CO 7301 BESSEMER CLEVELAND 4 OHIO Barreled Sunlight Paint Co 12 Dudley St Providence 1 RI Berry Brothers Inc 211 Leib St Detroit 7 Mich Central Paint & Varnish Wks 59 Prospect St Brooklyn 1 NY Chicago Bronze & Color Wks 2673 W Grand Ave Chicago 1 Ri Chicago Paints Inc 4500 W 14th Chicago 23 III

Chicago Paints Inc 4500 W 14th Chicago 23 III Coddington (E D) Mfg Co 5024 N 37th St Mil-waukee 9 Wis Concor Co 4550 Main St Kansas City Mo Cook Paint & Varnish Co 1412 Knox North Kansas City Mo FleEnck Co 36th & Filbert Sta Philadelphia Glidda Co Third & Bern Sts Reading Pa Johnston (R F) Paint Co 3925 Huston Ave Cincinnati 12 Ohio Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Fa LOWE BROS 436 E THIRD ST DAYTON 2 OHIO

Lowebco Inc 1525 E 53rd St Chicago 15 Ill Maas & Waldstein 2121 McCarter Newark 4 Made-Rite Prods Inc 2410 S Seventh St St Louis Mo Louis Mo Marietta Paint & Color Co Green & Acme Sta Marietta Obio Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md National Chemical & Mfg Co 3617 S May St

National Chemical & Mig Co 3617 S May St Chicago 9 Ill NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Penn Crete Prods Co 20th & Lippincott Sta Philadelphia 32 PA Phelan-Faust Paint Mfg Co 932 Loughborough St Louis 11 Mo

St Louis 11 Mo PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Reardon Co 7501 Page Ave St Louis 14 Mo Rockford Paint Mfg Co 200 Sayre St Rock-ford Ill

tord III St Louis Surfacer & Paint Mfg Co 4200 Ar-lington Ave St Louis 20 Mo Sapolin Paints Inc 229 E 42nd St New York 17 NY

NI Seidlitz Paint & Varnish Co 18th & Garfield Sta Kansas City 10 Mo Sherwin-Williama Co 101 Prospect Ave NW Cleveland 1 Ohio

AMERICAN BUILDER

Mass Wooster Finishes Corp Wooster Ohio

PAINTS, TEXTURE

Sonneborn & Sons Bldg Prods Div 404 Fourth Ave New York 16 NY Standard Industrial Prods 1500 Park St Evans-ville 4 Ind Steelcote Mfg Co 3418 Gratiot St St Louis 3

Standard Industrial Prods 1000 rark St Evans-ville 4 Ind Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo Superior Paint & Varnish Works 2256 N Els-ton Chicago III Tamma Industries Inc 228 N LaSalle St Chi-cago I II Twentieth Century Paint & Varnish Co 456 Driggs Ave Brooklyn 11 NY United Lacquer Mig Corp 1001 W Elizabeth Linden NJ UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL Verflex Sales Corp 115-117 Moonachie Carl-stadt NJ Wesco Waterpaint Div Nat'l Gypsum Co 742 Grayson St Berkeley 10 Calif Wesco Waterpaint Div Nat'l Gypsum Co 742 Grayson St Berkeley 10 Calif

We fill festern Mineral Prods Co 1720 Madison NE Minneapolis Minn

#### PANELWORK

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Anderson-Tully Co P O Box 28 Memphis 10

Tennary LER CO OF AKANSAS P O BRADLEY LER CO OF AKANSAS P O BOX 399 WARREN ARK CONNOR LER & LAND CO 231 THOMAS ST WAUSAU WIS Cook (A B) CO MAIVERN ARK CURTIS COS AMERICAN PLYWOOD DIV NEW LONDON WIS DULANEY PLYWOOD CORP 300 W MAIN ST LOUISVILLE KY FAIR (D L) LER CO BOX 309 LOUISVILLE MISS

MISS FIDDES-MOORE CO 400 W MADISON ST CHICAGO ILL

CHICAGO ILL Fordyce Lumber Co Fordyce Ark FROST LBR INDUSTRIES P O DRAWER 1125 SHREVEPORT 90 LA GEORGIA-PACIFIC PLYWOOD CO P O BOX 311 PORTLAND ORE Hardwood Corp of America P O Box 1091 Asheville NC

Asheville NC HIGGINS INDUSTRIES INC P O BOX 8169 NEW ORLEANS 22 LA Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 III Miller Bros Co P O Box 540 Johnson City Tenn

Miller Bros Co P O Box 540 Johnson City Tenn Miller & Co Inc Selma Ala Owen (R C) Co Hopkinsville Ky Phillips-Rhyne Lbr Co Inc P O Box 257 Brookhaven Miss

Pirtox Group 1731 Elston Ave Chiengo 22 Ill RODDIS PLYWOOD CORP 1155 FALMETTO MARSHFIELD WIS Rose (D M) & Co Rose Pl Knoxville 4 Tenn Tegonak Flooring Co P O Box 480 Crockett

Rose (D m) Texask Flooring Co P O Dox Texas Twin City Hardwood Lbr Co 509 N Cleve-land Ave St Paul 14 Minn Veach-May-Wilson Inc 1199 Wright Rd Alcoa Tean

Veach-May-wilson hie fallen P O Box 212 Tenn Wells (J W) Lbr Co of Alabama P O Box 212 Montgomery 1 Ala Williams-Brownell Inc P O Box 1091 Ashe-ville N. C. Williams (J L) & Sons Sheridan Ark

#### PAPER, BUILDING

Allen Steel Prode Inc 2941 E Ten Mile Rd Hazel Park Mich AMERICAN SISALKRAFT CORP 55 STAR<sup>2</sup> KEY AVE ATTLEBORO MASS ANGIER CORP FOUNTAIN ST FRAMING-HAPPENSU

HAM MASS BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY BIRD & SON INC 47 WILSON ST EAST WALPOLE MASS Bonafide Mills Inc 295 Fifth Ave New York

NY CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA DELTA CO 333 W 247H PL CHICAGO ILL Fleming & Sons Inc 1120 E Clarendon Dallas & Texas

Fleming & Sons Inc 1120 E Clarendon Dallas 8 Texas PLINTKOTE CO 36 ROCKEFELLER PLAZA NEW YORK 20 NY Clobe Roofing Prods Co Inc 2207 Schrage Whiting Ind Hewiti (C B) Bros Inc 23-25 Green St New York 13 NY JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY MEADOWS (W R) INC 2 KIMBALL ELGIN ILL

ILL Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kansas City Mo PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALLF Pressitie Engr Co 3900 Chouteau Ave St Louis 10 Mo Deutotic Raiser Ing Union 111

Protective Papers Inc Union Ill

RICHKRAFT CO 510 N DEARBORN ST CHICAGO 10 LLL RUBEROID CO 500 FIFTH AVE NEW YORK 35 NY STOCKER MFG CO NETCONG NJ Thilmany Pulp & Paper Co Thilmany Rd Kaukauna Wie Welt & Sons Paper Co 426 W Larned St Detroit 25 Mich

elt & Sons Pa Detroit 25 Mich

#### PAPER, BUILDING, REINFORCED

AMERICAN SISALKRAFT CORP 55 STAR-KEY AVE ATTLEBORO MASS ANGIER CORP FOUNTAIN ST FRAMING-HAM MASS BIRD & SON INC 47 WILSON ST EAST WALPOLE MASS Bonafide Mills Inc 295 Fifth Ave New York

Bonafide Mills Inc 295 Fifth Ave New York NY CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA Hosking Paper & Supply Co 1301 Lake Ave Wilmette III JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK IS NY Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kansas City Mo Protective Fapers Inc Union III RICHKRAFT CO 510 N DEARBORN ST CHICAGO 10 1LL RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY

36 NY STOCKER MFG CO NETCONG NJ Thilmany Pulp & Paper Co Thilmany Rd Kaukauna Wis

#### PAPER, COPPER ARMORED

AMERICAN SISALKRAFT CORP 55 STAR-KEY AVE ATTLEBORO MASS ANGIER CORP FOUNTAIN ST FRAMING-HAM MASS CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN STOCKER MFG CO NETCONG NJ

Inc Bay State Rd Cambridge Wasco Pr 38 Mass Prods

#### PARTITIONS, FOLDING

Bemis Bros Bag Co 408 Pine St Box 7 St

Louis 2 Mo CONSOLIDATED GENERAL PRODS INC P O BOX 7425 HOUSTON TEXAS CURTITION CO 2227 SAWTELLE BLVD WEST LOS ANGELES CALIF Equipment Mfg Co Inc 1400 Spruce Kansas

Equipment Mfg Co Inc 1400 Data City 6 Mo HOLCOMB & HOKE MFG CO INC 1545 VAN BUREN INDIANAPOLIS 7 IND HOWE MFG CORP 1203 S JACKSON ST JANESVILLE WIS International Steel Co 1321 Edgar St Evans-

International Steel Co 1321 Edgar St Evans-ville 7 Ind NEW CASTLE PRODS INC BOX 353 NEW CASTLE IND RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL

# PARTITIONS, STEEL

Aetna Steel Prods Corp 730 Fifth Ave New

Aetna Steel Prods Corp 730 Fifth Ave New York 19 NY All Metal Partition Co Inc 204 Dupont St Brooklyn 22 NY CROSS ENGINEERING CO 101 PARK AVE NEW YORK NY Cyclone Fence Dept American Steel & Wire Co Box 260 Waukegan 1 III Hauserman (E F) Co 6850 Grant Ave Cleve-land 5 Ohio Martin-Parry Corp 1455 W Alexis Rd Toledo Ohio

Ohio Meyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY PENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY Rigidized Metals Corp 687 Ohio St Buffalo 3 NY

Steel Partitions Inc PO Box 807 Jamestown Virginia Metal Prods Inc Dept A-44 Orange

Va WAGNER IRON WKS 1905 5 FIRST ST MIL-WAUKEE 1 WIS Weber Showcase & Fixture Co 5700 Avalon Blvd Los Angeles 54 Calif Weis (Henry) Mfg Co 941 Oak St Elkhart Ind Wheeling Corrugating Co 1134 Market St Wheeling W Va

#### **PARTITIONS, TOILET**

All Metal Partition Co Inc 204 Dupont St Brooklyn 22 NY Carthage Marble Corp Box 612 Carthage Mo

FIAT METAL MFG CO 9301 W BELMONT AVE FRANKLIN PARK ILL JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO Petterson (J C) Corp 2227 N Chico Ave El

K OHIO (J C) Corp 2227 N Chico Ave El Calif Plastics Prods Inc 3910 Cohasset St Rippolite

Burbank Calif WAGNER IRON WKS 1905 S FIRST ST MILWAUKEE 1 WIS Weis (Henry) Mfg Co 941 Oak St Elkhart Ind

#### PIPE, ASBESTOS CEMENT

JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY KEASBEY & MATTISON CO BUTLER AVE AMBLER PA Smith & Kanzler Co E Linden Ave Linden NJ

PIPE, CAST IRON, SOIL & FITTINGS

Anniston Soil Pipe Co Inc PO Box 191 Annis-

Anniston Soil Pipe Co Inc PO Box 191 Autor-ton Ala Brady Conveyors Corp 20 W Jackson Blvd Chicago 4 Ill COMBUSTION ENGINEERING INC 911 W MAIN ST CHATTANOOGA TENN Crane Co 836 S Michigan Chicago 5 Ill Eastern Foundry Co Boyertown Pa Industrial Iron Works PO Box 4625 Portland

1 Adustrial from & Brass Co Medina NY Medina Iron & Brass Co Medina NY Western Foundry Co 2400 S W Water Ave

Portland 1 Ore WOODWARD IRON CO WOODARD ALA Zurn (J A) Mfg Co 1881 Pittsburgh Ave Erie Pa

#### **PIPE, CULVERT, IRON & STEEL**

- Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich American Bridge Div US Steel Corp 525 Wil-liam Penn Pl Pittsburgh 30 Pa Armco, Drainsge & Metal Prods 703 Curtis St
- Armeo Drainege & Metai Prods 703 Curtis St Middletown Ohio Beall Pipe & Tank Corp 12005 N Burgard St Portland 3 Ore Eaton Metal Prods Corp 1301 Willis Ave Omaha 2 Neb Industrial Iron Works PO Box 4625 Portland

2 Ore Newport Steel Corp Ninth & Lowell Sts New-

port Ky REPUBLIC STEEL CORP REPUBLIC BLDG CLEVELAND 1 OHIO SAINT PAUL CORRUGATING CO S END WABASHA ST ST FAUL 1 MINN Tennison Bros Inc 450 N Bellevue Memphis 1

Tenn UNITED STEEL FABRICATORS INC 333 GASCHE ST WOOSTER OHIO Wheeling Corrugating Co 1134 Market St Wheeling W Va

SONOCO PRODS CO CONSTRUCTION PRODS DIV SOUTH ST HARTSVILLE SC

BROWN CO 150 CAUSEWAY ST BOSTON ORANGEBURG MFG CO INC ORANGEBURG Skyline Industries Sales Inc 1900 Skyline Dr Titusville Pa

Allegheny Ludlum Steel Co Oliver Bldg Pitts-burgh 22 Pa American Bridge Div US Steel Corp 525 Wil-liam Penn Pl Pittsburgh 30 Pa Armco Drainage & Metal Prods 703 Curtis St Middletown Ohio Beall Pipe & Tank Corp 12005 N Burgard St Portland 3 Ore

Beal Pipe & Tank Corp 12005 N Burgard St Portland 3 Ore BETHLEHEM STEEL CO 701 E THIRD ST BETHLEHEM PA Brau (J G) Co 537 W 35th St New York 1

NY COLUMBIA-GENEVA DIV US STEEL RUSS BLDG SAN FRANCISCO 6 CALIF Jones & Laughlin Steel Corp 8 Gateway Cen-ter Pittsburgh 30 Pa Kaiser Steel Corp 1924 Broadway Oakland

Calif LACLEDE STEEL CO ARCADE BLDG ST LOUIS MO Nat'l Tube Div US Steel Corp 525 William Penn P "'ttsburgh 30 Pa

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PIPE, SEWER, BITUMINIZED

PIPE, FIBER CONDUIT

FIBER

Kaiser Calif

PIPE, STEEL

Newport Steel Corp Ninth & Lowell Sts New-

port Ky REPUBLIC STEEL CORP REPUBLIC BLDG CLEVELAND 1 OHIO Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill Spang-Chalfant Div Nat'l Supply Co PO Box 416 Pittsburgh 30 Pa

416 Pittsburgh 30 Pa WHEELING STEEL CORP WHEELING W

VA Youngstown Sheet & Tube Co Stambaugh Bldg Youngstown 1 Ohio

#### PIPE, WROUGHT IRON

Byers (A M) Co Clark Bldg Pittsburgh Pa Crane Co 836 S Michigan Chicago 5 Ill Dempster Mill Mfg Co 711 S Sixth St Beatrice Nab South Chester Tube Co Chester Pa

#### PIPE & TUBING, ALUMINUM

ALUMINUM CO OF AMERICA 1591 ALCOA BLDG PITTSBURGH 19 PA ANACONDA COPPER & BRASS DIV AMER-ICAN BRASS CO 414 MEADOW ST WA-TERBURY 29 CONN B & T Metals Co 425 W Town St Columbus 16 Obio

Ohio

Blum (Julius) & Co Inc Carlstadt NJ Braun (J G) Co 537 W 35th St New York 1 NY

Bridgeport Brass Co 30 Grand St Bridgeport

Britkeport Brass Co 30 Grand St Bridgeport 2 Conn Harvey Machine Co Inc 19200 S Western Tor-rance Calif KAISER ALUMINUM & CHEMICAL SALES 1924 BROADWAY OAKLAND 12 CALIF NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO REVERE COPPER & BRASS INC 230 PARK AVE NEW YORK 17 NY REYNOLOS METALS CO BLDG PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio

#### PIPE & TUBING, BRASS & COPPER

ANACONDA COPPER & BRASS DIV AMER-ICAN BRASS CO 414 MEADOW ST WA-TERBURY 20 CONN American Sanitary Mfg Co FO Box 111 Abing-don 111

Braun (J G) Co 537 W 35th St New York 1 NY Bridgeport Brass Co 30 Grand St Bridgeport 2

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CIRCULATING

PUMPS, BOOSTER &

LEVELING & SUPPORTING Adjusta Post Mfg Co 908 S Clair & Bowery Adjusta Post Mfg Co 908 S CIAIP & Bowery Akron 7 Ohio Akron Prods Co Seville Ohio Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich BRAINARD STEEL DIV SHARON STEEL CORP GRISWOLD ST WARREN OHIO McDonald (A Y) Mfg Co 1200 Pine St Dubuque Iowa MYERS (F E) & BRO CO 424-34 ORANGE

MYERS (F E) & BRO CO 424-34 ORANGE ST ASHLAND OHIO Peerless Fump Div Food Mach & Chem Corp 301 W Ave 28 Los Angeles 31 Calif Fiqua Machine & Mfg Co Young & College Sta Fiqua Ohio Roth (Roy E) Co 2420 Fourth Ave Rock Is-land II Taco Heaters Inc 1160 Cranston St Cranston

DI

9 RI THRUSH (H A) & CO PERU IND Uniflow Mfg Co 1525 E Lake Rd Erie Pa Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind WORTHINCTON CORP HARRISON & WOR-THINGTON HARRISON NJ

#### PUMPS, CENTRIFUGAL

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Allis-Chalmers Mfg Co 1126 S 70th St Mil-waukee 1 Wis American Well Works 100 N Broadway Aurora

AURORA PUMP DIV LOUCKS AT DEAR-BORN AURORA ILL Baker Mfg Co 133 Enterprise St Evansville Wis

Wis Barnes Mfg Co 651 N Main St Mansfield Ohio BELL & GOSSETT CO 8200 AUSTIN MOR-TON GROVE ILL Brown & Sharpe Mfg Co 235 Promenade St Providence RI

Providence RI C H & E Mfg Co 3849 N Palmer St Mil-waukee 12 Wis Chain Belt Co 4689 W Greenfield Milwaukee 1

Wis

Chicago Pump Co 622 Diversey Pkwy Chicago 111

14 III CONSTRUCTION MACHINERY CO 420 VIN-TON ST WATERLOO IOWA Decatur Pump Co 2750 Nel.on Park Rd De-

111 catur III DEMING CO 563 BROADWAY SALEM OHIO Dempster Mill Mfg 711 S Sixth St Beatrice Neb

Dunham (C A) Co 400 W Madison St Chicago

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6 III Economy Div Wheeler Mfg Co 19th & Lehigh Philadelphia 32 Pa Erie Pump & Engine Wks 151 Glenwood Ave Medina NY

Erie Pump & Engine Wks 101 Guandania Medina NY Essick Mfg Co 1950 Santa Fe Ave Los An-geles 21 Calif Everite Pump & Mfg Co Inc W Roseville Rd Lancaster Pa Fairbanks Morse & Co 600 S Michigan Ave Chicago 5 Ill FLINT & WALLING MFG CO INC 95 OAK ST KENDALLVILLE IND Condece Denver Co Gardner & First Ave

Quincy Ill

Quincy III Goulds Pumps Inc 75 Fall St Seneca Falls NY HOMELITE DIV TEXTRON AMERICAN INC 67 RIVERDALE AVE PORT CHESTER NY Ingersoll-Rand Inc 11 Broadway New York

ANV i Bros Inc 5327 Jacuzzi Ave Richmond

Jacuzzi Calif Kenco Pump Div 1305 Oberlin Ave Lorain

Ohio Lancaster Pump & Mfg Co Inc Manheim Pike

Lancaster Pump & Mfg Co Inc Manheim Pike Lancaster Pa MALL TOOL CO 7740 S SOUTH CHICAGO CHICAGO 19 ILL Marlow Pumps Box 566 Ridgewood NJ Master Mechanic Mfg Co Route 83 Burlington

Wis Wis McDonald (A Y) Mfg Co 1200 Pine St Du-

McDonald (A Y) Mfg Co 1200 Pine St Du-buque Iowa MODERN SWIMMING POOL CO INC 1 HOL-LAND AVE WHITE PLAINS NY MYERS (F E) & BRO CO 424-34 ORANGE ST ASHLAND OHIO Peerless Pump Div Food Mach & Chem Corp 301 W Ave 26 Los Angeles 31 Calif Piqua Machine & Mfg Co Young & College Sta Piqua Ohio

Piqua Ohio Red Jacket Mfg Co 1051 5 Rolff Davenport Iowa

Iowa Roth (Roy E) Co 2420 Fourth Ave Rock Is-land III Standard Electric Mfg Co Inc Haddon Ave West Berlin NJ Trane Co Third & Cameron La Crosse Wis WORTHINGTON CORP HARRISON & WOR-THINGTON HARRISON NJ

## PUMPS, CONTRACTORS

Barnes Mfg Co 651 N Main St Mansfield Ohio C H & E Mfg Co 3849 N Palmer St Milwau-kee 12 Wis Chain Belt Co 4689 W Greenfield Milwaukee

Wis

1 Wis Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY Columbiana Pump Co E Railroad St Colum-

biana Ohio CONSTRUCTION MACHINERY CO 420 VIN-TON ST WATERLOO IOWA DEMING CO 563 BROADWAY SALEM OHIO

Dempster Mill Mfg Co 711 S Sixth St Bea-

Dempster Mill Mig Co 111 5 State Los An-trice Neb Essick Mfg Co 1950 Santa Fe Ave Los An-geles 21 Calif FLINT & WALLING MFG CO INC 95 OAK ST KENDALLVILLE IND Goulds Pumps Inc 75 Fall St Seneca Falls NY Griffin Wellpoint Corp 881 E 141st St New

Grimn Wenpont Corp so a Markican inc York NY HOMELITE DIV TEXTRON AMERICAN INC #7 RIVERDALE AVE PORT CHESTER NY Jacuzzi Bros Inc 5327 Jacuzzi Ave Richmond

Calif JAEGER MACHINE CO 500 W SPRING ST COLUMBUS 16 OHIO Kenco Pump Div 1305 Oberlin Ave Lorain Ohio Lancaster Pump & Mfg Co Inc Manheim Pike Lancaster Pa Marlow Pumps Box 566 Ridgewood NJ Master Mechanic Mfg Co Route 83 Burlington

Wis

McDonald (A Y) Mfg Co 1200 Pine St Du-

McDonald (A Y) Mfg Co 1200 Pine St Du-buque Iowa Peerless Pump Div Food Mach & Chem Corp 301 W Ave 26 Los Angeles 31 Calif Piqua Machine & Mfg Co The Young & Col-lege Sts Piqua Ohio Red Jacket Mfg Co 1051 S Rolff Davenport

Iowa RICE PUMP & MACHINE CO 400 PARK AVE BELGIUM WIS



Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio WORTHINGTON CORP HARRISON & WOR-THINGTON HARRISON NJ

#### PUMPS, DOMESTIC WATER SUPPLY

Aeromotor Co 2500 W Roosevelt Chicago 8 III Baker Mfg Co 133 Enterprise St Evansville Wis Columbiana Pump Co E Railroad St Colum-biana Ohio Crane Co 836 S Michigan Chicago 5 III Decatur Pump Co 2750 Nelson Park Rd De-catur III DELCO ABRUT

catur III DELCO APPLIANCE DIV GENERAL MO-TORS CORP LYELL & WHITNEY ST ROCHESTER NY

DEMING CO 563 BROADWAY SALEM OHIO Dempster Mill Mfg Co 711 S Sixth St Bea-

DÉMING CO 563 BROADWAY SALEM OHIO Dempster Mill Mfg Co 711 S Sixth St Bea-trice Neb Fairbanks Morse & Co 600 S Michigan Ave Chicago 5 Ill FLINT & WALLING MFG CO INC 95 OAK ST KENDALLVILLE IND Goulds Pumps Inc 75 Fall St Seneca Falls NY GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL Lancaster Pump & Mfg Co Inc Manheim Pike Lancaster Pa Pleuger Pump Co 955 Harrisburg Pike Lan-caster Pa

caster Pump Co 900 marchine caster Pa Robbins & Myers 1345 Lagonda Ave Spring-

field Ohio Uniflow Mfg Co 1525 E Lake Rd Erie Pa Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind WORTHINGTON CORP HARRISON & WOR-THINGTON HARRISON N J

#### PUMPS, HEAT

Acme Industries Inc 600 N Mechanic St Jack-son Mich

son Mich Economy Div Wheeler Mfg Co 19th & Lehigh Philadelphia 32 Pa Fairbanks Morse & Co 600 S Michigan Ave Chicago 5 III **HYDRALLINE PRODS DIV BORG-WARNER** CORP 18538 MACK AVE DETROIT 36 CORP

Jacuzzi Bros Inc 5327 Jacuzzi Ave Richmond Calif

#### PUMPS, JET

Aeromotor Co 2500 W Roosevelt Chicago 8 Ill AURORA PUMP DIV LOUCKS AT DEAR-BORN AURORA ILL Baker Mfg Co 133 Enterprise St Evansville Wis

Wis Barnes Mfg Co 651 N Main St Mansfield Ohio Decatur Pump Co 2750 Nelson Park Rd De-catur III DELCO APPLIANCE DIV GENERAL MO-TORS CORP LYELL & WHITNEY ST ROCHESTER NY

DEMING CO 563 BROADWAY SALEM OHIO Dempster Mill Mfg Co 711 S Sixth St Beatrice Mah

Everite Pump & Mfg Co Inc W Roseville Rd

Everite Pump & Mfg Co Inc W Roseville Rd Lancaster Pa Fairbanks Morse & Co 600 S Michigan Ave Chicago 5 Ill FLINT & WALLING MFG CO INC 95 OAK ST KENDALLVILLE IND Goulds Pumps Inc 75 Fall St Seneca Falls NY Griffin Wellpoint Corp 881 E 141st St New York NY

Ingersoll-Rand Inc 11 Broadway New York ANV Jacuzzi Bros Inc 5327 Jacuzzi Ave Richmond Calif

Lancaster Pump & Mfg Co Inc Manheim Pike

Lancaster Pump & Mfg Co Inc Manheim Pike Lancaster Pa McDonald (A Y) Mfg Co 1200 Pine St Du-buque Iowa MYERS (F E) & BRO CO 424-34 ORANGE ST ASHLAND OHLO PENBERTHY INJECTOR CO 1242 HOLDEN AVE DETROIT 2 MICH Piqua Machine & Mfg Co Young & College Sta Pioua Ohio Pleuger Pa

caster Pa Red Jacket Mfg Co 1051 S Rolff Davenport

Iowa Shetler (M) & Sons Co 317 Railway St Clio

Mich Mich TAIT (THE) MFG CO 500 N WEBSTER ST DAYTON 1 OHIO Uniflow Mfg Co 1525 E Lake Rd Erie Pa Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind

## PUMPS, SUBMERSIBLE

Lancaster Pa Pleuger

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PUMPS, SUMP

TAIT

Aeromotor Co 2500 W Roosevelt Chicago 8 Ill Baker Mfg Co 133 Enterprise St Evansville Wis Columbiana Pump Co E Railroad St Columbiana Ohio

biana Ohio Crane Co 836 8 Michigan Chicago 5 Ill Decatur Pump Co 2750 Nelson Park Rd De-catur Ill DELCO APPLIANCE DIV GENERAL MO-TORS CORP LYELL & WHITNEY STS ROCHESTER NY DEMING CO 563 BROADWAY SALEM OHIO Dempater Mill Mfg Co 711 S Sixth St Beatrice Nob

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Neb Pairbanks Morse & Co 600 S Michigan Ave Chicago 5 Ill FLINT & WALLING MFG CO INC 95 OAK ST KENDALLVILLE IND Goulds Pumps Inc 75 Fall St Seneca Falls NY GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL Lancaster Pump & Mfg Co Inc Manheim Pike Lancaster Pa

caster Pa Robbins & Myers 1345 Lagonda Ave Spring-field Ohio

1 OHIO Uniflow Mfg Co 1525 E Leke Rd Erie Pa Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind WORTHINGTON CORP HARRISON & WOR-THINGTON HARRISON NJ

Aeromotor Co 2500 W Roosevelt Chicago 8 Ill American Well Works 100 N Broadway Aurora

AURORA PUMP DIV LOUCKS AT DEAR-BORN AURORA ILL Baker Mfg Co 133 Enterprise St Evansville Wis

W15 Barnes Mfg Co 651 N Main St Mansfield Ohio Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY Chicago Pump Co 622 Diversey Pkwy Chicago 14 III

14 III CONSTRUCTION MACHINERY CO 420 VIN-TON ST WATERLOO IOWA Dart Mfg & Sales Co 1002 S Jason Denver Colo Decatur Pump Co 2750 Nelson Park Rd De-

catur III DEMING CO 563 BROADWAY SALEM OHIO Dempster Mill Mfg Co 711 S Sixth St Beatrice Neb

Economy Div Wheeler Mfg Co 19th & Lehigh

Economy Div Wheeler Mfg Co 19th & Lehigh Philadelphia 32 Pa Essiek Mfg Co 1950 Santa Fe Ave Los An-geles 21 Calif Everite Pump & Mfg Co Inc W Roseville Rd Lancaster Pa Fairbanks Morse & Co 600 S Michigan Ave Chicago 5 Ill FLINT & WALLING MFG CO INC 95 OAK ST KENDALLVILLE IND Gardner Denver Co Gardner & First Ave

ST KENDALLVILLE IND Gardner-Denver Co Gardner & First Ave Quincy Ill Goulds Pumps Inc 75 Fall St Seneca Falls NY GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL Ingersoll-Rand Inc 11 Broadway New York 4 NY

G101

Pump Co 955 Harrisburg Pike Lan-

MFG CO 500 N WEBSTER ST DAYTON

Jacuzzi Bros Inc 5327 Jacuzzi Ave Richmond Calif Pump Div 1305 Oberlin Ave Lorain Kenco

Ohio

Kenco Pump Div 1305 Oberlin Ave Lorain Ohio
Lancaster Pump & Mfg Co Inc Manheim Pike Lancaster Pa
MALL TOOL CO 7740 S SOUTH CHICAGO CHICAGO 19 ILL
Marlow Pumpa Box 566 Ridgewood NJ
McDonald (A Y) Mfg Co 1200 Pine St Du-buque Iowa
MILWAUKEE FAUCETS INC 301 E RESER-VOIR MILWAUKEE 12 W18
MYERS (F E) & BRO CO 424-34 ORANGE ST ASHLAND OHIO
Peerleas Pump Div Food Mach & Chem Corp 301 W Ave 26 Los Angeles 31 Calif
PENBERTHY INJECTOR CO 1242 HOLDEN AVE DETROIT 2 MICH
Piqua Machine & Mfg Co Young & College Sts Figua Ohio
Robbins & Myers 1345 Lagonda Ave Spring-field Ohio

field Ohio Red Jacket Mdg Co 1051 S Rolff Davenport

Red Jacket MMg Co 1051 & Rolff Davenport Iowa Shetler (M) & Sons Co 317 Railway St Clio Mich

Shetler (M) & Sons Co 317 Railway St Clio Mich Sin-Jin Prods Co 5236-40 Fairlawn Ave Balti-more 15 Md Standard Electric Mfg Co Inc Haddan Ave West Berlin NJ TAIT MFG CO 500 N WEBSTER ST DAY-TON 1 OHIO THOR POWER TOOL CO 175 N STATE ST AURORA ILL Triplex Heating Specialty Co Inc 242-68 Grant St Peru Ind Uniflow Mfg Co 1525 E Lake Rd Erie Pa Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind WORTHINGTON CORP HARRISON & WOR-THINGTON HARRISON NJ

#### PUMPS, TRACTOR & TRUCK MOUNTED

Allis Chalmers Mfg Co 1126 S 70th St Milwaukee 1 Wis DEMING CO 563 BROADWAY SALEM OHIO

Marlow Pumps Box 566 Ridgfield NJ Robbins & Myers 1345 Lagonda Ave Spring-field Ohio WORTHINGTON CORP HARRISON & WOR-THINGTON HARRISON NJ

PUTTY

Armstrong Co 1001 E 103rd St Chicago 28 Ill Biddle Co 608-624 & Main St Louis 2 Mo Blue Ridge Talc Co Inc Henry Va Boyle-Midway Inc 22 E 40th St New York 16 NY

Briggs-Maroney Co Inc 85 Paris St Everett 49 Mass

Briggs-Maroney Co Inc 85 Paris St Everett 49 Mass
Concor Co 4550 Main St Kansas City Mo
DICKS-PONTIUS CO 5300 HUBERVILLE RD
DATON OHIO
Pelton Sibley & Co Inc 136 N Fourth St Phila-delphia 6 Pa
Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa
GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO
Hooker Glass & Paint Mfg Co 659 W Wash-ington Chicago 6 II
Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
King (E & F) & Co Inc 640 Pleasant St Nor-wood Mass
Kuhls (H B Fred) 6411-23 Third Ave Brook-lyn 20 NY
Lasting Prods Co Franklintown Rd Baltimore 23 Md
Liebeich (G J) Co 931 N Ogden Ave Chicago 22 III
MACKLANBURG-DUNCAN CO 4441 N

22 III MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA Mar-Kay Mfg Co 2715 S Second St St Louis Mo

Mo PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF Parker (Ira) & Sons Oshkosh Wis Pecora Faint Co Inc 4th St & Rig RR Phila-

delphis 40 Pa PITTSBURGH PLATE CLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Platic Prods Co 6473 Georgia Ave Detroit 11 Schalk Chemical Co 351 E Second St Los An-geles 12 Call Schalk Caulking Co 17300 Wyoming Ave Detroit Mich Steelcote Mig Co 3418 Gratiot St St Louis 3 STERLING PAINT & VARVISH CO

Mo STERLING PAINT & VARNISH CO 184 COMMERCIAL ST MALDEN 48 MASS Sullivan Co 212 E Trigg Memphis 2 Tenn Tamma Industries Inc 228 N LaSalle St Chi-cago 1 Ili Truscon Lab Div Devoe Reynolds Caniff at Grand Trunk Detroit 11 Mich

#### RADIATORS, BASEBOARD

Berger Furnace Corp Fourth & Main Sts Belle Vernon Pa Burnham Corp Boiler Div 2 Main St Irvington NIV

NY Crane Co 836 S Michigan Chicago 5 Ill Dunham (C A) Co 400 W Madison St Chicago

Dunham (C A) Co 400 W Manual A 6 III DUNKIRK RADIATOR CORP 85 MIDDLE RD DUNKIRK NY Fedders-Quigan Corp Lalor & Hancock St Trenton NJ COLLS INC 2903 LAW-

Fedders-Quigan Corp Lalor & Hancock St Trenton NJ KRITZER RADIANT COILS INC 2903 LAW-RENCE AVE CHICAGO 25 ILL Rome-Turney Radiator Co Canal St Rome NY Trane Co Third & Cameron La Crosse Wis. Utica Radiator Corp 2201 Dwyer Ave Utica 2

NY VULCAN RADIATOR CO 775 CAPITOL AVE HARTFORD CONN



WEBSTER (WARREN) & CO 17TH & FED-ERAL STS CAMDEN 5 NJ Weil-McLain Co Michigan City Ind

#### RADIATORS, CONVECTOR

Acme Electric Heating Co 1217 Washington Boston 18 Mass Dunham (C A) Co 400 W Madison St Chicago 6 III

6 III Fedders-Quigan Corp Lalor & Hancock St Trenton NJ Knapp-Monarch Co 3501 Bent Ave St Louis Mo

Nat'I-US Radiator Corp 223 Central Ave

Nat'l-US Radiator Corp 223 Central Ave Johnstown Pa. Rittling Corp Rittling Bldg Buffalo 5 NY Rome-Turney Radiator Co Canal St Rome NY Slant-Fin Radiator Corp 87 130th St Rich-mond Hill 18 NY Utica Radiator Corp 2201 Dwyer Ave Utica 2 NY VLLCAN RADIATOR CO 775 CAPITOL AVE

HARTFORD CONN WEBSTER (WARREN) & CO 17TH & FED-ERAL STS CAMDEN 5 NJ Young Radiator Co 709 S Marquette St Racine

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#### **RADIOS, BUILT-IN**

FLUSH WALL RADIO CO 1012 CLEVE-LAND ST CLEARWATER FLA HOME MUSIC SYSTEMS INC 644 MADISON ST MEMPHIS TENN MELODY MASTER 312 MT PLEASANT AVE NEWARK NJ MUSIC & SOUND INC 118 LESLÍE ST DAL-LAS TEXAS NEW CASTLE PRODS INC BOX 353 NEW CASTLE IND

#### RANGES

ADMIRAL CORP 3800 W CORTLAND CHI-CAGO 47 ILL A B Stoves GPO Box 2059 Detroit 31 Mich Athens Stove Wks Inc Hicks St Athens Tenn Coolerator Co 128 W First St Duluth 1 Minn CROSLEY DIV AVCO MFG CORP 1329 AR-LINGTON ST CINCINNATI 25 OHIO Crown Stove Wks 4627-35 W 12th PI Chicago 80 III

Crown S

a0 III
 Deepfreeze Appliance Div 2301 Davis St North Chicago III
 Excelsior Stove & Mfg Co 534 S Front St Quincy III
 FRIGIDAIRE DIV GENERAL MOTORS CORP 300 TAYLOR ST DAYTON 1 OHIO
 General Chef 4536 E Dunham St Los Angeles 23 Calif

23 Calif GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY Gibson Refrigerator Co 515-615 W Williams Greenville Mich Gray & Dudley Co 2300 Cliffor Difference

Tenn HOTPOINT CO 5660 W TAYLOR ST CHI-CAGO 44 ILL Kelvinator Div American Motors Co 14250 Plymouth Rd Detroit 32 Mich Kennedy Co 1620 Dime Bidg Detroit 26 Mich Monarch Malleable Iron Range Co 1516 Lake St Beaver Dam Wis NORGE DIV BORG-WARNER CORP ROOM 234 MDSE MART CHICAGO ILL Odin Stove Mfg Co 342 W 12th Erie Pa

PERFECTION INDUSTRIES DIV HUPP CORP 7609 PLATT AVE CLEVELAND 4 OHIO

OHIO Philes Corp Tioga & C Sts Philadelphia 34 Pa PREWAY INC 1436 SECOND ST N WISCON-SIN RAPIDS WIS Rutenber Electric Co. Ine Marion Ind STIGLITZ CORP 2007 PORTLAND AVE STIGLITZ CORP 2007 PORTLAND AVE TAPPAN STOVE CO 250 WAYNE ST MANS-Partageness Control of the State State

Works 14th & Holtzclaw

Chattanooga Tenn THERMADOR ELECTRIC MFG CO 5119 DIS-TRICT BLVD LOS ANCELES 22 CALIF Washington Stove Wks 3402-22 Smith St Ev-

WELHUIT CORP DETROIT DIV 6900 E JEF<sub>7</sub> FERSON DETROIT 7 MICH WESTINGHOUSE ELECTRIC CORP ELEC-TRIC APPLIANCE DIV 246 E FOURTH ST MANSFIELD OHIO WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA Whirlpool-Seeger Corp St Joseph Mich

#### RANGES, ELECTRIC, BUILT-IN

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ADMIRAL CORP 3800 W CORTLAND CHI-CAGO 47 ILL AMERICAN KITCHENS DIV AVCO MFG CORP 18TH & COLUMBIA CONNERS-VILLE IND BROWN STOVE WORKS INC PO BOX 495 CLEVELAND TENN



**Cleveland**, Tennessee

GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY Gibson Refrigerator Co 515-615 W Williams Greenville Mich Grag & Dudley Co 2300 Clifton Rd Nashville Tenn

Tenn HOTPOINT CO 5600 W TAYLOR ST CHI-CAGO 44 ILL

CAGO 44 ILL Kelvinator Div American Motors Co 14250 Plymouth Rd Detroit 32 Mich LINDEMANN (A J) & HOVERSON CO 601 W CLEVELAND AVE MILWAUKEE 15 WIS

WIS Monarch Malleable Iron Range Co 1516 Lake St Beaver Dam Wis Montag Inc 2011 N Columbia Blvd Portland 17 Ore

Montag Inc 2011 N Columbia Blvd Portland 17 Ore Mt Vernon Furnace & Mfg Co First & Castle-ton St Mt Vernon III NORGE DIV BORG-WARNER CORP ROOM 234 MDSE MART CHICAGO ILL NORRIS THERMADOR CORP 5215 S BOYLE AVE LOS ANGELES 58 CALIF Oakland Foundry Co Belleville III Phileo Corp Tioga & C Sts Philadelphin 34 Pa PREWAY INC 1430 SECOND ST N WISCON-SIN RAPIDS WIS

SIN RAFIDS THE Rutenber Electric Co Inc Marion Ind SAMUEL STAMPING & ENAMELING CO CHATTANOGGA TENN Stevens (Geo T) & Associates 612 N Michigan

CHATTANOGGA TENN CHATTANOGGA TENN Stevens (Geo T) & Associates 612 N Michigan Ave Chicago II II TAPPAN STOVE CO 250 WAYNE ST MANS-FIELD OHIO Tennessee Stove Works 14th & Holtzclaw Chat-tanoga Tenn THERMADOR ELECTRIC MFG CO 5119 DIS-TRICT BLVD LOS ANGELES 22 CALIF VELBILT CORP DETROIT J MICH VESTINGHOUSE ELECTRIC CORP ELEC-TRIC APPLIANCE DIV 246 E FOURTH ST MANSFIELD OHIO WESTINGHOUSE ELECTRIC CORP PO BOX 568 PITTSBURGH 30 PA

AMERICAN BUILDER

#### RANGES, GAS, BUILT-IN

Athens Stoves GPO Box 2059 Detroit 31 Mich Athens Stove Works Inc Hicks St Athens Tenn BROWN STOVE WORKS INC PO BOX 495 CLEVELAND TENN CALORIC APPLIANCE CORP TOPTON PA CHAMBERS 2464 N MERIDIAN ST INDIA-NAPOLIS IND CRIBBEN & SEXTON CO

NAPOLIS IND RIBBEN & SEXTON CO 700 N SACRA-MENTO CHICAGO 12 ILL rown Stove Works 4627-35 W 12th Pl Chi-

c.

eago 50 Mores 4021-35 W 12th F1 Ch eago 50 Filds INC CLEVELAND TENN Excelsion Stove & Mfg Co 534 S Front St Quincy II FLORENCE STOVE CO 1154 MDSE MART CHICAGO 54 ILL Gem City Stove Mfg Co Quincy III General Chef 4536 E Dunham St Los Angeles 23 Calif approx 6, 200 W Wester St Taunton

Glenwood Range Co 300 W Water St Taunton

Mass Mass Globe American Corp Box 740 Kokomo Ind Gray & Dudley Co 2300 Clifton Rd Nashville

HARDWICK STOVE CO CLEVELAND TENN

Tenn HARDWICK STOVE CO CLEVELAND TENN Harms All Gas Co Allison Iowa Karr Range Co Seventh & Harrison Sts Belle-ville III Magic Chef Inc 1641 S Kingshighway St Louis 10 Mo Maytag Co Newton Iowa Monarch Malleable Iron Range Co 1516 Lake St Beaver Dam Wis Mt Vernon Furnace & Mfg Co First & Castle-ton St Mt Vernon III NORGE DIV BORG-WARNER CORP ROOM 234 MDSE MART CHICAGO ILL Odin Stove Mfg Co 342 W 12th Erie Pa O'KEEFE & MERRITT CO 3700 E OLYMPIC LOS ANGELES 23 CALIF PERFECTION INDUSTRIES DIV HUPP CORP 7609 PLATT AVE CLEVELAND 4 OHO PREWAY INC 1430 SECOND ST N WISCON-

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CORP 7609 PLATT AVE CLEVELAND 4 OHIO PREWAY INC 1430 SECOND ST N WISCON-SIN RAPIDS WIS RHEEM MFG CO 7600 S KEDZIE AVE CHI-CAGO 29 LL Roberta & Mander Div Burns (J C) Inc 31st & Oxford St Philadelphia 21 Pa ROPER (GEO D) CORP BLACKHAWK PARK AVE ROCKFORD ILL SAUUEL STAMPING & ENAMELING CO CHATTANOGA TENN Sexton (S B) Stove & Mfg Co 502 W Conway St Baltimore Md Suburban Pronane Gas Corp Rox 206 Whin-

St Baltimore Md Suburban Propane Gas Corp Box 206 Whip-pany NJ Sunray Stove Co 155 5 Sandusky Delaware

Ohio TAPPAN STOVE CO 250 WAYNE ST MANS-FIELD OHIO

FIELD OHIO Tennessee Stove Works 14th & Holtzclaw Chattanooga Tenn UTILITY APPLIANCE CORP 4851 S ALA-MEDA ST LOS ANGELES 58 CALIF Washington Stove Wks 3402-22 Smith St Ev-erett Wash

erett Wash WELBILT CORP DETROIT DIV 6900 E JEF-FERSON DETROIT 7 MICH WESTERN HOLLY APPLIANCE CO 8536 HAYS ST CULVER CITY CALIF

Western Stove Co Inc 8536 Hays St Culver City

Calif Whirlpool-Seeger Corp St Joseph Mich

**RECEIVERS, GARBAGE** 

Adams Co PO Box 268 Dubuque Iowa Beh & Co Inc 1150 Broadway New York NY Dietrich Bros Inc 2700 Loch Raven Rd Balti-

more 18 Md DONLEY BROTHERS CO 13910 MILES AVE

CLEVELAND 5 OHIO Kraus (Walter S) Co 48-02 43rd St Woodside 77 NY

77 NY LEIGH BLDG PRODS DIV AIR CONTROL PRODS INC GLADE ST AT LARCH COOPERSVILLE MICH MAJESTIC CO INC HALL ST HUNTINGTON

IND Master Metal Prods Inc Box 95 Buffalo 5 NY Nesco Inc PO Box 6 Granite City Ill Northwest Metal Prods Inc 55 Spokane St Se-

Northwest Metal Prods Inc 55 Spokane St Se-attle 4 Wash Reeves Steel & Mfg Co 6 Iron Ave Dover Ohio Vestal Mfg Co PO Box 152 Sweetwater Tenn WASHINGTON STEEL PRODS 1940 E 11TH ST TACOMA 2 WASH Witt Cornice Co 2118 Winchell Ave Cincinnati 14 Ohio

14 Ohio

#### **RECEIVERS, PACKAGE**

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO Conco Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich

Des Lauriers Column Mould Co 5036 W Lake St Chicago 44 Ill St Chicago 44 Ill DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO

Excel Metal Cabinet Co Inc 1938 Johnson Jamestown NY Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich H & R MFG CO 20080 ST CLAIR CLEVE-

H & R MFG CO 20000 B1 CLARK CALL LAND 17 OHIO Harris Inc 200 E Long St Columbus Ohio Ideal Cabinet Corp 5036 W Lake St Chicago

44 III EIGH BLDG PRODS DIV AIR CONTRÔL PRODS INC GLADE ST AT LARCH COOPERSVILLE MICH LEIGH

#### **REFRIGERATORS, BUILT-IN**

HOTPOINT CO 5600 W TAYLOR ST CHI-CAGO 44 ILL Jordan Refrigerator Co 7900 Tabon Road Philadolphia 11 Pa

Philadelphia 11 Pa REVCO INC DEERFIELD MICH

#### REFRIGERATORS

ADMIRAL CORP 3800 W CORTLAND CHI-CAGO 47 ILL Ben-Hur Mfg Co 634 E Keefe Ave Milwaukee 12 Wis

12 Wis and to over the first structure intraducts Coolerator Co 128 W First St Duluth 1 Minn CROSLEY DIV AVCO MFG CORP 1329 AR-LINGTON ST CINCINNATI 25 OHIO Deepfreeze Appliance Div 2301 Davis St North Chicago III Friedrich Refrigerators Inc 1117 E Commerce San Antonio Tex FRIGDAIRE DIV GENERAL MOTORS CORP 306 TAYLOR ST DATTON 1 OHIO General Chef 4536 E Dunham St Los Angeles 23 Calif

23 Calif GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY Gibson Refrigerator Co 515-615 W Williams Greenville Mich Herbst (L B) Corp 325 M Wells St Chicago 10

III HOTPOINT CO 5600 W TAYLOR ST CHI-CAGO 44 ILL Jewett Refrigerator Co 2 Letchworth St Buf-falo 13 NY Jordan Refrigerator Co 7900 Tabon Rd Phila-

Jordan Refrigerator Co 7900 Tabon Rd Phila-delphia 11 Pa Kelvinator Div American Motors Co 14250 Plymouth Rd Detroit 32 Mich Kennedy Co 1620 Dime Bldg Detroit 26 Mich King Refrigerator Corp 76-02 Woodhaven Blvd Glendale LI N. 1997 W Alterald Chicae UI

Matot (D A) Inc 1533 W Altgeld Chicago Ill Maytag Co Newton Lowa

Matot (D A) Inc 1533 W Altgeld Chicago Ill Maytag Co Newton Iowa NORGE DIV BORG-WARNER CORP ROOM 234 MDSE MART CHICAGO ILL Philco Corp Tioga & C Sts Philadelphia 34 Pa Potter Refrigerator Corp Buffalo NY Quicfrez Inc PO Box 471 Fond Du Lac Wis REVCO INC DEERFIELD MICH SERVEL INC 119 N MORTON AVE EVANS-VILLE 20 IND Victor Prods Corp 901 Pong Ave Hagenetary

Victor Prods Corp 901 Pope Ave Hagerstown Ward Refrigerator Co 6501 S Alameda Los

Ward Refrigerator Co 6001 S Alameda Los Angeles I Calif WESTINGHOUSE ELECTRIC CORP ELEC-TRIC APPLIANCE DIV 246 E FOURTH ST MANSFIELD OHIO

Whirlpool-Seeger Corp St Joseph Mich

#### **REPELLENTS, BIRD & CLIMBING** ANIMAL

NIXALITE COMPANY OF AMERICA 115-119 W THIRD ST DAVENPORT IOWA



#### **REPELLENTS, WATER**

American Asbestos Prods Co 8000 Franklin Blvd Cleveland Ohio AMERICAN STA-DRI CO 4102 41ST ST BRENTWOOD MD Androg Chemical Co 7301 W Lake St Minne-apolis Minn BCO CO 7341 DESCEMENT

ARCO CO 7301 BESSEMER CLEVELAND 4

OHIO

OHIO Armor Laboratories Inc Commercial & Doran Glendale 3 Calif Blue Ridge Tale Co Inc Henry Va Boyer Chemical Co 2232 S Wabash Ave Chi-cago III Central Paint & Varnish Wks 59 Prospect St Brooklyn 1 NY King Chemical Co 2342 S Lauderdale Memphis Tenn

Tenn

Concor Co 4550 Main St Kansas City Mo Cuprinol Div Darworth Inc 56 Maple St Sims-bury Conn Dasco Co Inc 1602 Thames St Baltimore 31 Md Dewey Almy Chemical Co 62 Whittemore Ave Cambridge 40 Mass Flexnock Co 36th & Filbert Sts Philadelphia 4

Cambridge 40 Mass Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa Fort Pitt Chemical Co 26th & Smallman Sts Pittsburgh 22 Pa GENERAL ELECTRIC CO 1 PLASTICS AVE PITTSFIELD MASS GENERAL ELECTRIC CO SILICONES DEPT MECHANICYILLE RD WATERFORD NY Gering Prods Inc N Seventh & Monroe Kenil-worth NJ Glidden Co Third & Bern Sts Reading Pa Goss (J C) Co 2941 E Jefferson Detroit 7 Mich Harrison Paint & Varnish Co 1329 Harrison S W Catton 1 Ohio Haynes Prods Co 4007 Farnam St Omaha 3 Neb

Neb Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY Industrial Canvas Prods Corp 15-25 Flax St Delaware Ohio Liebich (G J) Co 931 N Ogden Ave Chicago 22 III

Ill Merkin (M J) Paint Co Inc 1441 Broadway New York 18 NY Monroe Co Inc 10703 Quebec Ave Cleveland 6 Ohio

Ohio Monsanto Chemical Co 1700 & Second St St Louis 4 Mo Panther Oil & Grease Mfg Co Box 711 Ft Worth Tex

Worth Tex PROTECTION PRODS MFG CO 2305 SU-PERIOR AVE KALAMAZOO 99 MICH Protexol Corp 162 Market St Kenilworth NJ Sika Chemical Corp 35 Gregory Ave Passaic NJ

NJ Sonneborn & Sons Bldg Prods Div 404 Fourth Ave New York 16 NY Speco Inc 7308 Associate Ave Cleveland 9

Ohio Spray-O-Bond Co 2225 N Humboldt Milwaukee

12 W18 STANDARD DRY WALL PRODS INC 77 HUDMONT ST NEW EAGLE PA Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo Stonhard Co 1306 Spring Garden Philadelphia

Stonnard Co 1306 Spring Garden Fhiladelphia 23 Pa Surface Protection Co 16799 Euclid Ave Cleve-land 12 Ohio Toch Bros 2600 Richmond Ter Staten Island 3 NY

NY Truscon Laba Div Devoe & Raynolds Co Caniff at Grand Trunk Detroit 11 Mich Tufcrete Co Inc 552 Teachout Bldg Des Moines 9 Iowa Vita-Var Corp 10 Commerce Ct Newark NJ Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo Wurdack Chemical Co 4977 Fyler Ave St Louis 9 Mo

American Lightning Rod Co Inc 67 Batter-march St Boston 10 Mass Boston Lightning Rod Co 1185 E St Dedham

Boston Lightning Rod Co 1100 Mass Brown Lightning Protection Hartford Conn Burket Lightning Rod Co Park & Vine Sts Fremont Ohio Electra Protection Co Inc 11 N Pearl St Al-bany 7 NY Gichner Inc 1900 Kendall N E Washington 2 DC

INDÉFENDENT PROTECTION CO INC 1603 S MAIN GOSHEN IND NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO Nat'l Lightning Protection Co 2348 Eugenia St St Louis 3 Mo Ohio Lightning Rod Co West Milton Ohio Robbins Lightning Protection 124 E 2nd St Maryville Mo Thompson (George E) Co 616 41st Ave N Min-neapolis Minn West Dodd Lightning Conductor Goshen Ind

ALUMINUM CO OF AMERICA 1501 ALCOA BLDG PITTSBURGH 19 PA Childers Mfg Co 3620 W 11th St Houston 8

Texas KAISER ALUMINUM & CHEMICAL SALES 1924 BROADWAY OAKLAND 12 CALIF NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA Quaker State Metale Co Manbeim Pike at City

Bypass Lancaster Pa Reverse Lancaster Pa Reverse Copper & BRASS INC 230 PARK AVE NEW YORK 17 NY REVNOLDS METALS CO BLDG PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY

Roliton of America 370 W Seventh Ave Denver Colo Sonneborn & Sons Bldg Prods Div 404 Fourth Ave New York 16 NY SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA

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**ROOFING, ALUMINUM** 

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**RODS, LIGHTNING** 

#### **ROOFING, ASBESTOS CEMENT**

CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO Ceresit Waterproofing Corp 3227 S Shields Ave Chicago 16 111 Chicago 16 111 FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY KEASBEY & MATTISON CO.

NEW YORK 15 NY KEASBEY & MATTISON CO BUTLER AVE AMBLER PA NATIONAL CYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kansas City Mo

Clid American Roofing Mills 7600 Truman Rd Kansas City Mo PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF RUBEROID CO 500 FIFTH AVE NEW YORK.

36 NY

36 NI Supradur Corp of New York 122 E 42nd St New York 17 NY

#### ROOFING, ASPHALT ROLL

Amalgamated Roofing Mills 6600 S Central Chicago 38 III BARRET DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY BIRD & SON INC 47 WILSON ST EAST WALFOLE MASS

Ron afide Mills Inc 295 Fifth Ave New York

Bonafide Mills Inc 295 Fifth Ave New York NY CAREY (PHILIP) MFG CO 320 S WAYNE CINCINATI 15 OHIO CELOTEX CORP 120 S LASALLE ST CHI-CAGO 3 ILL CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Ford Roofing Prods Co 6 N Michigan Ave Chicago 2 Ill Globe Siding Prods Co 2207-51 Schrage Whiting Ind Gold Seal Asphalt Roofing Co F O Box 302 Chicago Heights Il JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY Lehon Co Madison at 25th Ave Bellwood II Logan-Long Co 6600 S Central Ave Chicago 38 Ill National Mfg Corp 3343 Flanagan St Tona-

National Mfg Corp 3343 Flanagan St Tona-

National Mfg Corp 3343 Flanagan St Tona-wanda NY Nelson (B F) Mfg Co 401 N E Main St Min-neapolis 13 Minn Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 600 Truman Rd Kansas City Mo PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF PIONEERFLINTKOTE CO TERMINAL AN-NEX BOX 2218 LOS ANGELES 54 CALIF Plasteel Prods Corp 15 MacAdam Ave Wash-ington Pa

Protective Papers Inc Union Ill RUBEROID CO 500 FIFTH AVE NEW YORK

Tamko Asphalt Prods Inc 601 N High Jop-

lin Mo UNITED STATES GYPSUM CO 300 W AD-AMS ST CHICAGO 6 ILL

#### **ROOFING, COPPER**

ANACONDA COPPER & BRASS DIV AMERICAN BRASS CO 414 MEADOW ST WATERBURY 20 CONN Bridgeport Brass Co 30 Grand St Bridgeport

2 Conn CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN Edwards Mfg Co Fith & Butler Sts Cincin-nati 2 Ohio Gichner Inc 1900 Kendall N E Washington 2 DC

2 DC Hussey (C G) & Co 2860 Second Ave Pitts-burgh 19 Pa INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS REVERE COPPER & BRASS INC 230 PARK AVE NEW YORK 17 NY

#### **ROOFING STEEL**

MERICAN STEEL & WIRE DIV US STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO rumco Steel Corp 703 Curtis St Middletown AMERICAN

BETHLEHEM STEEL CO 701 E THIRD ST

BETHLEHEM STEEL CO 701 E THIRD ST BETHLEHEM PA CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL Cincinnati Sheet Metal & Roofing Co 230 E Front St Cincinnati 2 Ohio COLUMBLA-GENEVA DIV US STEEL CORP RUSS BLDG SAN FRANCISCO CALIF Continental Steel Corp 1109 S Main St Ko-kome Ind

komo Ind



DETROIT STEEL PRODS CO 2250 E CRAND

DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH Edwards Mfg Co Fifth & Butler Sts Cincin-nati 2 Ohio FOLLANSBEE STEEL CORP FOLLANSBEE W VA

FUNCTIONER STELL CORT FOLLARSBUL Gary-Floncer Steel Corp Gary Ind Giamith Metal Lath Co 4501 Chickering Granite City Steel Co 20th & Madison Gran-ite City II INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS International Nickel Co Inc 67 Wall St New York 5 NY Klauer Mfg Co Ninth & Washington Sts Du-buque Jowa

buque Iowa Mahon (R C) Co P O Box 4666 Detroit 34

Mich Mid States Steel & Wire Co Crawfordsville

Mid States Steel & Wire Co Crawfordsville Ind Newport Steel Corp Ninth & Lowell Sts New-port Ky Reeves Steel & Mfg Co & Iron Ave Dover Ohio REPUBLIC STEEL CORP REPUBLIC BLDG CLEVELAND 1 OHIO Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 III SAINT PAUL CORRUGATING CO S END WABASHA ST ST PAUL 1 MINN Sioux Steel Co Sioux Falls SD SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA Tenna Bros Inc 450 N Bellevue Memphis 1 Tenn Tiffin Art Metal Co Box 807 Tiffin 16 Ohio

Tenn Tiffin Art Metal Co Box 807 Tiffin 16 Ohio TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1

0410

OHIO UNITED STATES STEEL CORP 252 WIL-LIAM PENN PL PITTSBURGH 30 PA Wheeling Corrugating Co 1134 Market St Wheeling W Va WHEELING STEEL CORP WHEELING WHEELING W VA

#### ROOFING, TERNE METAL

FOLLANSBEE STEEL CORP 140 STANWIX ST PITTSBURGH 22 PA

## ROUTERS, ELECTRIC

AMERICAN MACHINE & FOUNDRY CO 511 FIFTH AVE NEW YORK NY Chicago Wheel & Mfg Co 1101 W Monroe

Chicago wheel & Mig Co 1101 W Monroe Chicago III DE WALT INC BOX 540 LANCASTER PA Dumore Co 1300 Seventeenth Racine Wis Duro Metal Prods Co 2649 N Kildare Ave Chicago 39 III Ekstrom Carlson & Co 1400 Railroad Ave Rockford III

Rockford III Hurricane Prods 1046 Thomas St Oak Park III MALL TOOL CO 7740 S SOUTH CHICAGO CHICAGO 19 ILL PORTER-CABLE MACHINE CO 1714 N SA-LINA ST SYRACUSE 8 NY Porter (C O) Machinery Co 666-68 Front Ave Grand Rapids Mich STANLEY ELECTRC TOOLS 400 MYRTLE ST NEW BRITAIN CONN

#### **RULES, FOLDING**

Dietzgen (Eugene) Co<sup>2</sup> 2425 N Sheffield Chi-cago 14 III Eagle Rule Mfg Corp 510 Hunts Point Ave New York 59 NY EVANS RULE CO 400-416 TRUMBULL

VANS RULE CO 400-416 TRUMBULL enffel & Esser Co 200 ELIZABETH NJ Keuffel & Esser Co 300 Adams St Hoboken NJ LUFKIN RULE CO 1730 HESS AVE SAGI-NAW MICH Master Rule Mfg Co Inc 40 Mulberry St Mid-dictown NY Ox.Wall Tool Co 928 Broadway New York

Ox-Wall Tool Co 928 Broadway New York 10 NY Ridgely Trimmer Co 1300 Kenton St Spring-field 99 Ohio STANLEY TOOLS DIV 111 ELM AVE NEW BRITAIN CONN Starret (L S) Co 101 Crescent St Athol Mass WARREN-KNIGHT CO 136 N 12TH ST PHILADELPHA 7 PA

#### SAFES, BUILT-IN WALL

Diebold Inc 818 Mulberry Rd SE Canton 2

Diebold Inc 818 Mulberry Rd SE Canton 2 Ohio KWIKSET SALES & SERVICE CO 516 E SANTA ANA ANAHEIM CALIF Meilink Steel Safe Co Oakwood & Dawson Toledo Ohio Mosler Safe Co Hamilton Ohio Mosler Safe Co 320 Fifth Ave New York 1 NY REMINGTON RAND INC 315 FOURTH AVE NEW YORK 10 NY

#### SALAMANDERS

Adams Co PO Box 268 Dubuque Iowa Aeroil Prods Co Inc 69 Wesley St S Hacken-

Aeroil Prods Co Inc 69 Wesley St S Hacken-sack NJ COLEMAN CO INC 250 N ST FRANCIS WICHITA I KANS Daniels (C R) Inc Daniels Md Des Lauriers Column Mould Co 5036 W Lake St Chicago 44 III

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Des Lauriers Column Mould Co 5036 W Lake Schierse Column Mould Co 5036 W Lake Schierse Mer Co 400 Nonticello Chicago 24 III DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO ECLIPSE FUEL ENCINEERING CO 1100 BUCHANAN ROCKFORD ILL Harms All Gas Co Allison Iowa Heckmann Bidg Prods Co 4018 W Lake Chi-cago 24 III Ideal Cabinet Corp 5036 W Lake St Chicago 44 III INSTO-GAS CORP 1977 E WOODBRIDGE ST DETROIT 7 MICH International Mfg Co 675 Rio Grande Ave Littleton Colo JACKSON MFG CO LOCHIEL RD HARRIS-BURG PA Mohawk Asphalt Heater Co Frankfort NY Newark Ladder & Bracket Co Inc 17 Wainut Ave (Clark) Rahway NJ Schee Prods Co 297 E Stowell St Upland Calif Suburban Propane Gas Corp Box 206 Whip-pany NJ

SANDERS, BELT, DRUM, SPINDLE & DISC

Atlas I Mich

AMERIAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO AMERICAN MACHINE & FOUNDRY CO 511 FIFTH AVE NEW YORK NY Atlas Press Co 1901 N Pitcher St Kalamazoo

Mich Beach Mfg Co Mill & Ohio Sts Montrose Pa BLACK & DECKER MFG CO 600 E PENN-SYLVANIA TOWSON 4 MD BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO Burgess Vibrocrafters Inc Grayslake Ill Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY

Curtis Machine Corp 1300 E Second St James-

Curtis Machine Corp 1300 E Second St James-town NJ Detroit Surfacing Machine Co 1333 E 8 Mile Rd Detroit 20 Mich DE WALT INC BOX 540 LANCASTER PA Duro Metal Prods Co 2649 N Kildare Ave Chicago 39 III Ekstrom Carlson & Co 1400 Railroad Ave Rophford III

Rockford Ill HOLT MFG CO 272 BADGER AVE NEWARK 8 NJ HOLT MFG CO 669 20TH ST OAKLAND 12 CALIF MALL TOOL CO 7710 7

CALIF MALL TOOL CO 7740 S SOUTH CHICAGO CHICAGO 19 1LL Mattison Machine Wks 545 Blackhawk Park Ave Rockford Ill Merit, Prods Inc 4023 Irving Pl Culver City

Calif MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS Minneapolis Machine & Tool Co Minneapolis 4 Minn Newman Brothers Inc 660-70 Fourth St Cin-

4 Minn
 Newman Brothers Inc 660-70 Fourth St Gim-cinnati 3 Ohio
 Newman Machine Co Inc 507 Jackson St Greensboro NC
 Oliver Machinery Co 1025 Clancy Ave NE Grand Rapids Mich
 Peninsula Tool Co 1200 34th Ave Menominee Mich

Mich PORTER-CABLE MACHINE CO 1714 N SA-LINA ST SYRACUSE 8 NY Reid-Way Sanders 2917 First Ave SE Cedar Rapids Iowa Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa Shopmaster Inc 1214 Third St S Minneapolis

Shopmaster ine iziy init is to a mini Minn SKIL CORP 5033 ELSTON AVE CHICAGO 30 ILL THOR POWER TOOL CO 175 N STATE ST AURORA ILL Toolkraft Corp Flainfield St Springfield 1

Mass Walker-Turner Div Kearney & Trecker Corp 900 North Ave Plainfield NJ Yates-American Machine Co 729 Fourth St Beloit Wis

AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO Atlas Floor Surfacing Machy Co 248 E 34th St New York 16 NY Clarke Sanding Machine Co 30 E Clay Ave Muskegon Mich Denver Floor & Safety Supply Co 3801 High St Denver Colo Florboss-Habit Co 4181 W Montrose Chicago 41 III

AMERICAN BUILDER

SANDERS, FLOOR

HOLT MFG CO 272 BADGER AVE NEWARK 8 NJ HOLT MFG CO 669 20TH ST OAKLAND 12 CALIF

CALLE VEWARK CALLE Kent Co Inc 351 Canal St Rome NY MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA RED DEVIL TOOLS 130 COIT ST IRVING-TON NJ Reid-Way Sanders 2917 First Ave SF Rapids Jowa SKIL CORP 5023

30 ILL ennant (G H) Co 2566 N Second St Minne-

Tennant (G F apolis Minn

## SASH BALANCES

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Air Tite Window Stay Co Chicopee Mass ALL METAL WEATHERSTRIP CO 2241 N KNOX AVE CHICAGO 39 ILL BALANCE SEAL CO 312 LAKESIDE ST MADISON 5 WIS Belmont Smelting & Refining Wks Inc 330 Belmont Ave Brooklyn 7 NY Caldwell Mfg Co 68 Commercial St Rochester 14 NY

14 NY CHICAGO METAL STRIP CO 4521 N CLARK ST CHICAGO 40 1LL Dorbin Metal Strip Mfg Co 2410 S Cicero Ave Chicago 50 111

Duplex Inc 634 N Lapeer Dr Los Angeles 46 Calif

Fabry Calif Mfg Co Date & Orange Sts Alhambra Calif Formetal Inc 109 W Water St Oak Harbor Ohio

Formetal Inc 109 W Water St Oak Harbor Ohio Goshen Sash & Door Co E Purl Goshen Ind GRAND RAPIDS HARDWARE CO 560 EIGHTH ST NW GRAND RAPIDS 2 MICH Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn Industrial Iron Works PO Box 4625 Portland 2 Ore Leidgen Specialty Co Oconomowoc Wis Lock-Joint Window Co 817 NW 61st Okla-homa City 6 Okla MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA MASTER METAL STRIP SERVICE INC 1720 N KILBOURN AVE CHICAGO 39 ILL Midwest Jobbers Inc 3300-08 S Racine Chi-cago 8 Ill Protex Weatherstrip Mfg Co 4508 S Western Ave Chicago III or More Sharest

Ave Chicago Ill allman Mfg Corp 325 Hollenbeck Rochester NY Pull

Samson Prods Co 3219 Armitage Ave Chicago

47 III Star Mfg Inc 109 W Water St Oak Harbor

Ohio TURNER & SEYMOUR MFG CO LAWTON ST TORRINGTON CONN UNIQUE BALANCE CO 25 BRUCKNER BLVD NEW YORK 54 NY Warnica Prods 6416-18 S Ashland Ave Chicago

36 III WEATHERPROOF PRODS CORP WALDO STA BOX 8498 KANSAS CITY 5 MO Western Foundry Co 2400 SW Water Ave Portland I Ore 2400 SW Water Ave ZEGERS INC 8090 S CHICAGO AVE CHI-AGO 17 ILL

#### SASH HOLDERS

AMERICAN HARDWARE CORP CORBIN (P & F) DIV 102 WASHINGTON ST NEW BRITAIN CONN CORBIN (P&F) DIV AMERICAN HARD-WARE CORP 102 WASHINGTON ST NEW

WARE CORP 102 WASHINGTON ST NEW BRITATO CONN Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn IVES (H B) CO 5 ARTIZAN ST NEW HA-VEN 8 CONN



LAWRENCE BROTHERS STERLING ILL Rockford Sash Holder Inc 203 S Main St Roci ford Ill

United Steel Prods Co 104 W 86th St Min-neapolis 20 Minn Vikre (J N) Co Inc 1330 Quincy St NE Min-neapolis Minn

#### SAW SETS

Atkins (E C) Div Borg-Warner Corp 402 S Illinois St Indianapolis 9 Ind Beaver Mfg Co 800 S Isis Ave Inglewood 1

Calif BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO Corley Mfg Co Clifton Hills Chattanooga 1 Corley Tenn

n Disston (Henry) Div Porter (H K) Inc Unruh & Milnor Sts Philadelphia Henry

Henry Diston (Henry) Div Forter (H. K., Co Inc Unruh & Milnor Sts Philadelphia 35 Pa FOLEY MFG CO 3339 NE FIFTH ST MIN-NEAPOLIS 18 MINN General Hdwe Mfg Co Inc 80 White St New York 13 NY Hanchett Mfg Co 906 N State St Big Rapida

Hoe (R) & Co Inc 910 E 138th St New York 54 NY Huther Brothers Saw Mfg Co Inc 1990 Hot

54 NY Huther Brothers Saw Mfg Co Inc 1290 Uni-versity Rochester 7 NY Miller Falls Co 57 Wells St Greenfield Mass Sandvik Saw & Tool Div Sandvik Steel Corp 1702 Warren St New York 7 NY SIMONDS SAW & STEEL CO 470 MAIN ST FITCHBURG MASS

Smith (Seymour) & Son Oakville Conn STANLEY TOOLS DIV 111 ELM AVE NEW BRITAIN CONN Wardell Mfg Co 3164 Fulton Rd Cleveland 9 Ohio

#### SAWS, BAND

American Saw & Mfg Co 67 Boylston St Springfield 1 Mass Atkins (E C) Div Borg-Warner Corp 402 S Illinois St Indianapolis 9 Ind Atlas Press Co 1901 N Pitcher St Kalamazoo Mich BOICE CRANE CO 930 W CENTRAL AVE

Mich OICE CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO urgess Vibrocrafters Inc Grayslake III urton Saw Co 91 Foster St Worcester Mass H & E Mfg Co 3849 N Palmer St Milwau-ber 19 Wie

kee 12 Wis Capewell Mfg Co 60 Governor St Hartford 2 Conn

Constant and Color of Contract St. Middletown NY Consol Bros Inc Cottage St. Middletown NY COLDATED MACHINERY & SUPPLY UCOLDATED MACHINERY & SUPPLY COLDATED MACHINERY & SUPPLY UCOLDATED MACHINERY & SUPPLY UCOLDATE

rorsnerg Mfg Co 125 Seaview Ave Bridgeport I Conn Graham (John H) & Co Inc PO Box 1042 New York 8 NY Hanchett Mfg Co 906 N State St Big Rapids Mich

Hartenbert Arig Co 500 K State St Dig Rapids HEINEMANN (F) SAW & MFG CO 2017 HEINEMANN (F) SAW & MFG CO 2017 Heston & Anderson Div St Paul Foundry & Mfg Co 601 Kirkwood Ave Fairfield Iowa Hoo (R) & Co Inc 910 E 138th St New York Hot Resthers Show Mer Co Les 1200 Union

Mig Co 601 Kirkwood Ave Fairfield Iowa Hoe (R) & Co Inc 910 E 138th St New York 54 NY Huther Brothers Saw Mfg Co Inc 1290 Univer-sity Rochester 7 NY Jones Superior Machine Co 1270 W North Ave Chicago 22 III Lippert (E T) Saw Co 608 Lincoln Ave Pitts-burgh 9 Pa McDonough Mfg Co 1500-1600 Galloway Eau Claire Wis Miller Falls Co 57 Wells St Greenfield Mass Oliver Machinery Co 1025 Clancy Ave NE Grand Rapids Mich Parks Woodworking Machine Co 1546 Knowl-ton St Cincinnati 23 Ohio Payne (B H) & Co 101 W Taylor Ave East Point Ga Power (L) & Co Inc 2815 Oakford St Phila-delphin 45 Pa Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa Shopmaster Inc 1214 Third St S Minneapolis Minn SIMONDS SAW & STEEL CO 470 MAIN ST FITCHBURG MASS Starrett (L S) Co 101 Crescent St Athol Mass Victor Saw Works Inc 10 Cottage P1 Middle-town NT Per Diainfield St Springfield 1 Mass Victor Saw Works Inc 10 Cottage P1 Middle-town NT Per Diainfield NJ Wallace (J D) & Co Inc Warsaw Ind Wheland Co Signal Mountain Rd Chattanooga S Tennewic (S A) Machine Co Damrell & Alger St Over (S A) Machine Co Damrell & Alger St

Tenni Tenni Woods (S A) Machine Co Damrell & Alger St Boston 27 Mass Yates-American Machine Co 729 Fourth St Beloit Wis

SAWS, BENCH

Atkins (E C) Div Borg-Warner Corp 402 S Illinois St Indianapolis 9 Ind Atlas Press Co 1901 N Pitcher St Kalamazoo Mich

BOIOF CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO C H & Mfg Co 3849 N Palmer St Milwaukee

12 Wis CONSOLIDATED MACHINERY & SUPPLY CO LTD 2031 SANTA FE AVE LOS AN-GELES 21 CALIF Hanchett Mfg Co 906 N State St Big Rapids Mich

Mich Heston & Anderson Div St Paul Fdry & Mfg Co 601 Kirkwood Ave Fairfield Iowa Jones Superior Machine Co 1270 W North Ave Chicago 22 Ill

Cones Superior Machine Co 1270 W North Ave Chicago 22 Ill MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH ROCKWELL MFG CO DELTA FOWER TOOL DIV 400 N LEXINGTON PITTSBURGH S PA



Minn Walker-Turner Div Kearney & Trecker Corp 900 North Ave Plainfield NJ Wilson Saw Div Media Machine Wks 620 Park Ave Media Pa Yates-American Machine Co 729 Fourth St Beloit Wis

#### SAWS, CHAIN, POWERED

Atkins (E C) Div Borg-Warner Corp 402 S Illinois St Indianapolis 9 Ind Disston (Henry) Div Porter (H K) Co Inc Unruh & Milnor Sts Philadelphia 35 Pa FORD TRACTOR DIV 2300 E MAPLE RD BIRMINCHAM MICH General Engines Co Inc Route 130 Thorofare NJ

Hansen Machinery & Supply Co 820 Broadway

Hansen Machinery & Supply Co 820 Broadway Eureka Calif HOMELITE DIV TEXTRON AMERICAN INC 67 RIVERDALE AVE PORT CHESTER NY Jacques Power Saw Co Denison Texas Lancaster Pang & Mfg Co Inc Manheim Pike Lancaster Pang & Mfg Co Inc Manheim Sts Ashland Mass

Asniand Mass owther (Henry A) Co Moen Ave & Thomas Joliet Ill Lo

Joliet III MALL TOOL CO 7740 S SOUTH CHICAGO CHICAGO 19 ILL RAM TOOL CORP 411 N CLAREMONT CHI-CAGO 12 ILL Terrill (D D) Saw Co Bangor Me Titan Chain Saws Inc 2700 Fourth Ave S Seattle Wash Vulcan Iron Wks Co 1423 Stout St Denver 2 Colo

Wright Power Saw & Tool Co 410 S Third St Louisville Ky

ALBERTSON & CO INC SIOUX CITY 2 IOWA AMERICAN MACHINE & FOUNDRY CO 511 FIFTH AVE NEW YORK NY AMERICAN WOODWORKING MACHINERY CO 100 LIBERTY ST HACKETTSTOWN

CO 100 LIBERTY ST HACKETISTOWN NJ BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO BLACK & DECKER MFG CO 600 E PENN-SYLVANIA TOWSON 4 MD BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO CONSOLIDATED MACHINERY & SUPPLY CO LTD 2031 SANTA FE AVE LOS AN-GELES 21 CALIF DEWALT INC BOX 540 LANCASTER PA HEINEMANN (F) SAW & MFG CO 2017 NAVARRE RD SW CANTON 6 OHIO MALL TOOL CO 7740 S SOUTH CHICAGO CHICAGO 19 ILL

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SAWS, CIRCULAR

MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS ROCKWELL MFG CO DELTA POWER TOOL DIV 400 N LEXINGTON PITTSBURGH 8



SIMONDS SAW & STEEL CO 470 MAIN ST FITCHBURG MASS Wheland Co Signal Mountain Rd Chattanooga

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#### SAWS, HACK, POWERED

American Saw & Mfg Co 67 Boylston St Springfield 1 Mass Bridgeport Hdwe Mfg Corp 461 Iranistan Ave Bridgeport 5 Conn Canewell Mfg Co 60 Governor St Hartford 2 Chammion Blower & Ford St Martford 2

Conn Champion Blower & Forge Co 1947 Charlotte Lancaster Pa Clemson Bros Inc Cottage St Middletown NY Cressent Tool Co 200 Harrison St Jamestown

NY

NY Duro Metal Prods Co 2649 N Kildare Ave Chi-cago 39 Ill Forsberg Mfg Co 125 Seaview Ave Bridgeport

Conn

<sup>1</sup> Conn Graham (John H) & Co Inc PO Box 1042 New York 8 NY K D Mfg Co 526 Plum St Lancaster Pa Lipe-Rollway Corp 806 Emerson Ave Syracuse <sup>1</sup> NY

I NY Mephisto Tool Co Ine Box 16 Hudson NY Miller Falls Co 57 Wells St Greenfield Mass MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE & WIS Owatonna Tool Co 341 Cedar St Owatonna Minn Parker Mfg Co 149 Washington St Worcester Mass Proto Tool Co 2209 Santa Fe Ave Los Angeles 54 Ceilt

54 Calif

Proto Tool Co 2209 Santa Fe Ave Los Angeles 54 Call
Sales Service Machine Tool Co 2361 University Ave St Paul 4 Minn
Sandvik Saw & Tool Div Sandvik Steel Corp 1702 Warren St New York 7 NY
SIMONDS SAW & STEEL CO 470 MAIN ST FITCHBURG MASS
Starrett (L S) Co 101 Creacent St Athol Mass
Syracuse Alloy Metals Corp Casenovia Rd Manlius NY
TRI-SAW CORP 2207 HANLEY INDUSTRIAL CT ST LOUIS 17 MO
United Wire Goods Mfg Co Inc 1152 Broadway New York NY
Victor Saw Works Inc 10 Cottage Pl Middletown NY
Western Saw Mfrs Inc 1842 W Washington

Western town NY Western Saw Mfrs Inc 1842 W Washington Los Angeles 7 Calif Wilson Hardware Mfg Co 4432 I State St Object III

Chicago Ill

#### SAWS, HOLE

American Saw & Mfg Co 67 Boylston St Springfield 1 Mass BLACK & DECKER MFG CO 600 E PENN-SYLVANIA TOWSON 4 MD Circo Tool Co 3305 W Lisbon Milwaukee Wis Miller Fails Co 57 Wells St Greenfield Mass Misener Mfg Co Inc 202-8 Walton St Syracuse 2 NY Sandyik Saw & Tool Die Sector 10

2 NY Sandvik Saw & Tool Div Sandvik Steel Corp 1702 Warren St New York 7 NY Starrett (L S) Co 101 Crescent St Athol Mass Syracuse Alloy Metals Corp Casenovia Rd Manlius NY Metallon Prods Inc 2050 E 48th St Los Angeles E8 Calif Victor of Congreg Co 511 N State St Sura

Union Mfg & Gauge Co 511 N State St Syra-cuse NY Western Saw Mfrs Inc 1842 W Washington Los Angeles 7 Calif

#### SAWS, MITER

AMERICAN MACHINE AND FOUNDRY CO 511 FIFTH AVE NEW YORK NY AMERICAN WOODWORKING MACHINERY CO 196 LIBERTY ST HACKETTSTOWN NJ Atkina (E C) Div Borg-Warner Corp 402 S Bach Mg Libert St International States of the States of th

Heach Mfg Co Mill & Hioho Sts Montrose Fa BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO DE WALT INC BOX 540 LANCASTER PA Disston (Henry) Div Porter (H K) Co Inc Unruh & Milnor Sts Philadelphia 35 Pa Hoe (R) & Co Inc 910 E 138th St New York 54 NY Huther Brothers Saw Mfg Co Inc 1290 Uni-versity Rochester 7 NY MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH Hiller Falls Co 57 Wells St Greenfield Mass MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS Shopmaster Inc 1214 Third St S Minneapolis Minn

Minn SIMONDS SAW & STEEL CO 470 MAIN ST FITCHBURG MASS STANLEY TOOLS DIV 111 ELM AVE NEW BRITAIN CONN Tannewitz Works 303 Front Ave NW Grand Rapids Mich Wallace (J D) & Co Inc Warsaw Ind Western Saw Mfrs Inc 1842 W Washington Los Angeles 7 Calif

#### SAWS, PORTABLE ELECTRIC

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#### SHEETS, STEEL, PERFORATED

CROSS ENGINEERING CO 101 PARK AVE NEW YORK CITY NY WICKWIRE SPENCER STEEL DIV 575 MADISON AVE NEW YORK 22 NY

## SHELVES, REVOLVING CABINET

CARR ADAMS & COLLIER CO 11TH AND JACKSON DUBUQUE IOWA LAKE DRIVE PRODS PO BOX 22 EDGER-TON WIS L'ON MUS L'ON MUS L'ON METAL PRODS INC 25 MONTGOM-ERY ST AURORA ILL MULLINS MFG CORP UNIVERSITY ST WARREN OHIO

#### SHIELDS, EXPANSION BOLT

AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN Arro Expansion Bolt Co 1526 N Boone Ave Marion Ohio Bruah Nail Expansion Bolt Co 1538 W Concord Pl Chicago 22 III CORBIN (P&F) DIV AMERICAN HARD-WARE CORP 102 WASHINGTON ST NEW BRITAIN CONN Diamond Expansion Bolt Co Ine 500 North Ave Garwood NJ Holub Industries Ine 413 DeKalb Ave Syca-more III

National Lead Co 111 Broadway New York 6

NY OF TWESTIGHT RANGE AND AND A STREAM OF TWESTIGHT AND A STREAM OF TWE A STREAM OF TWESTIGHT AND A STREAM OF TWE A STREAM O

23 III STAR EXPANSION BOLT CO 142 LIBERTY ST NEW YORK NY United Screw & Bolt Corp 3590 W 58th St Cleveland 2 Ohio US Expansion Bolt Co 500 State St York Pa

#### SHIELDS, TERMITE

AMERICAN SISALKRAFT CORP 55 STAR-KEY AVE ATTLEBORO MASS ANGIER CORP FOUNTAIN ST FRAMING-HAM MASS FOLLANSBEE STEEL CORP FOLLANSBEE W VA Illinois Zine Co 2059 W 47th St Chicago 22 Ill Piper (H K) Mfg Co 225 N Main St Paris Ill SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA

#### SHINGLES, ASBESTOS CEMENT

ASBESTOS-CEMENT PRODS ASSN 509 MADISON AVE NEW YORK 22 NY BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA FLINTKOTE CO 39 ROCKEFELLER PLAZA NEW YORK 20 NY Globe Siding Prods Co 2207-51 Schrage Whit-ing Ind

ing Ind JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY KEASBEY & MATTISON CO BUTLER AVE AMBLE & MATTISON CO BUTLER AVE ABLE PA Loggan-Long Co 6600 S Central Ave Chicago 38 111

<sup>38</sup> 100 Correction of the contract into contract and contrant and contract and contract and contract and contract and con

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upradur Corp of New York 122 E 42nd St New York 17 NY SI



#### SHINGLES, ASPHALT

Amalgamated Roofing Mills 6600 S Central Chicago 38 III BARRETT DIV ALLIED CHEMICAL & DYE CORP 46 RECTOR ST NEW YORK 6 NY BIRD & SON INC 47 WILSON ST E WAL-POLE MASS Bonafide Mills Inc 295 Fifth Ave New York

Bonafide Mills Inc 295 Fifth Ave New York NY CAREY (PHILIP) MFG CO 320 S WAYNE CINCINATI 15 OHIO CELOTEX CORP 120 S LA SALLE ST CHI-CAGO 3 ILL CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Ford Roofing Prods Co 6 N Michigan Ave Chicago 2 Ill Globe Roofing Prods Co 6 N Michigan Ave Chicago 2 Ill Gold Seal Asphalt Roofing Co PO Box 302 Chicago Heights Ill JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY Lebon Co Madison at 25th Ave Bellwood Ill Logan-Long Co 6600 S Central Ave Chicago 38 Ill National Mfg Come 3243 Flanagar St Tore-

Lenon Co Madison at 25th Ave Bellwood Ill Logan-Long Co 6600 S Central Ave Chicago 38 Ill National Mfg Comp 3343 Flanagan St Tona-wanda NY Nelson (B F) Mfg Co 401 NE Main St Min-neapolis 13 Min Old American Roof Mills Div Ruberoid Co 500 Fith Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kanasz City Mo PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF PIONEER-FLINTKOTE CO TERMINAL AN-NEX ROX 2218 LOS ANGELES 54 CALIF RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY Tamko Asphalt Proda Inc 601 N Wich Ter

SHINGLES, CEDAR, RED

Aloha Lbr Co Aloha Wash AMERICAN STAINED SHINGLE CO 381 W SPRUCE ST COLUMBUS OHIO Arch Cape Shingle Co Box 100 Arch Cape Ore Ayres & Bowen Shingles Castle Rock Wash

G109

Asphalt Prods Inc 601 N High Jop-IIIn Mo Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa UNITED STATES GYPSUM CO 300 W AD-AMS ST CHICAGO 6 ILL

Tamko A lin Mo Tuffalt I

Bielman-Menke Shingle Co Sutherlin Ore Bridal Falls Shingle Co Box B Startup Wash Butlay-McDougall Mfg Co Ltd Ft Columbia Ave New Weatminster BC Canada ward Ave New Westminster BC Can Cascade Pacific Lbr Co 319 Pacific Bldg Port-land 4 Ore Chew (Joseph) Shingle Co Ltd 309 W Espla-nade North Vancouver BC Can Colonial Cedar Co 600 W Nickerson St Seattle 99 Wash

CONORIAL CEGAR CO 600 W Nickerson St Seattle 99 Wash COLOR SHAKE CORP PO BOX 332 MARYS-VILLE WASH Columbia Valley Lbr Co Bellingham Wash CONNOR LBR & LAND CO 231 THOMAS ST WAUSAU WIS CREO-DIFT CO INC 986 OLIVER ST NORTH TONAWANDA NY Crescent Shingle Co Randle Wash D & Shingle Co Randle Wash DeWitt Shingle Co Elma Wash DeWitt Shingle Co Rte 2 Box 338 Everett Wash Dowlas Fir Wholesalers Inc Maxwelle, With

Wash Douglas Fir Wholesalers Inc Marysville Wash Fluhrer Brothers Actoria Organization

Doughas Fir Wholesalers inc Maryaville Wash Fluhrer Brothers Astoria Oregon Fowler Shingle Co Sultan Wash GEORGIA-PACIFIC PLYWOOD CO PO BOX 311 PORTLAND ORE

311 PORTLAND ORE Grandy Lake Shingle Co Concrete Wash Gray Lor & Shingle Co Box S12 Seattle Wash Gray-Robert Shingle Co Hoquiam Wash Hagin Shingle Co Forks Wash Hammerquist Shingle Co Monroe Wash Hardman Mfg Co Anacortes Wash Edward Hines Lbr Co 77 W Washington St Chicago 2 Ill Homalko Logging Co Ltd Vancouver BC Canada

Canada

Canada Canada Horne Bros Shingle Co Ltd Vancouver EC BC Canada Horton Cedar Mfg Co Ltd Victoria BC Canada Hulbert (Wm) Mill Co 12th & Norton Ev-erett Wash Huntington Shingle Co Springfield Ore Idanha Shingle Co Idanha Ore Jamison Lör & Shingle Co Everett Wash Laconner Shingle Co Laconner Wash Lake Shannon Timber Co Concrete Wash LONG-BELL LBR CO 926-8 GRAND AVE KANSAS CITY 6 MO Longview Shingle Co PO Box 901 Longview Wash

Longvie Wash Mackie Wash Mill Co Westport Route Aberdeen

Wash Mackie Mill Co Westport Route Aberdeen Wash MacMillan & Bloedel Ltd 837 Hastings St Vancouver BC Can Marona Mill Co Acme Wash Mutue Seattle Lbr Co 3935 University Seattle 5 Wash Monroe Shingle Co Monroe Wash Mt Pleasant Shingle Co 1403 W 8th Port Angeles Wash Mt Pleasant Shingle Co Deming Wash Newberg Shingle Co Deming Wash Newberg Shingle Co Star Route Lacomb Ore Northwest Cedar Prods Ltd 881 River Rd Vancouver BC Canada NOVA SALES CO TRENTON 3 NJ Olympia Shingle Co Olympia Wash OLYMPIC STAINED FRODS CO 1118 LEARY WAY SEATLE 7 WASH Pacific Timber Co Everett Wash Perka FRODS CO 20316 KINSMAN RD CLEVELAND 32 OHIO Peters Shingle Co Reakwood Wash Perka FRODS CO 20316 KINSMAN RD CLEVELAND 32 OHIO Peters Shingle Co Cottage Grove Ore Rainfer Mill Co Rainier Ore Rouser Bros Port Angeles Wash R & R Shingle Co Roseburg Ore Rosser Bros Port Angeles Wash Rowe Shingle Co Grayland Wash Sentar Co Aberdeen Wash Schafer Bros Lbr & Shingle Co Aberdeen Wash

Senttle

Cedar Lbr Mfg Co 4703 Ballard Ave le 7 Wash attle

SHAKE-A-PLY CO PO BOX 7 NORTH PORTLAND ORE Smith (M R) Shingles Co Henry Bldg Seattle 11 Wash

Sound Sidewall Shake Co PO Box 866 Che-

cound sudewall Shake Co PO Box 866 Che-halis Wash Standard Shingle Co Port Angeles Wash Stave Lake Cedar Ltd Devdney BC Canada Super Mill Co Everett Wash Templeton (Herbert A) Lbr Co 807 Terminal Sales Bidg Portland 5 Ore Toutle River Shingle Co Sulver Lake Wash Walrace Lbr & Mfx Co Sultan Wash Warrenton Shingle Co Box 924 Toledo Ore WEATHERBEST CORP 986 OLIVER ST NORTH TONAWANDA NY WEYERHAEUSER SALES CO FIRST NAT'L BANK BLDG ST PAUL 1 MINN White Creek Shingle Co Rockport Wash Wilapa Shingle Co FO Box 707 Raymond Wash

Woods Creek Shingle Co Sedro Woolley Wash

#### SHORES, SAFETY

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Acrow Inc 510 N Dearborn St Chicago Ill AMIDON ENGINEERING CO 38369 CLEVE-LAND RD ELYRIA OHIO

SIDING, ALUMINUM

Air-O-Col Co PO Roy 62 Ferndale Sta Detroit

Air-O-Cel Co FO BOX 02 FORM 02 FORM 02 20 Mich Alsco Inc 260 S Forge Box 270 Akron 8 Ohio Alside Inc 1415 Waterloo Rd Akron Ohio ASBESTON-CEMENT PRODS ASSN 509 MADISON AVE NEW YORK 22 NY CONSOLIDATED GENERAL PRODS INC PO BOX 7425 HOUSTON TEXAS

CUNSOLIDATED GENERAL PRODS INC PO BOX 7425 HOUSTON TEXAS Continental Aluminum Corp South Kearny NJ LIFETIME INDUSTRIES INC 629 BERGMAN AVE LOUISVILLE 3 KY Lyf-Alum Inc 164 E Wisconsin Ave Oconomo-woc Wis

woc Wis Mastic Asphalt Corp 131 S Taylor St South Bend 24 Ind NATIONAL METAL PRODS CO 2 GATE-WAY CENTER PITTSBURGH 22 PA Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA

SIDING, ASBESTOS CEMENT

Air-O-Cel Co PO Box 62 Ferndale Sta Detroit 20 Mich BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY BIRD & SON INC 47 WILSON ST E WAL-POLE MASS CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Globe Siding Prods Co 2207-51 Schrage Whit-ing Ind

Ing Ind JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY KEASBEY & MATTISON CO BUTLER AVE AMBLER PA

AMBLER PA Lehon Co Madison at 25th Ave Bellwood Ill NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd

American Roomg Mills 7600 Truman Ra Kanasa City Mo PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF RE-NU-IT CORP 424 W 42ND ST NEW YORK 36 NY RUBEROID CO 500 FIFTH AVE NEW YORK

36 NY Supradur Corp of New York 122 E 42nd St New York 17 NY Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa UNITED STATES GYPSUM CO 300 W AD-AMS ST CHICAGO 6 ILL

CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY KEASBEY & MATTISON CO BUTLER AVE ANDIER PA AATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kanasas City Mo RUBEROID CO 500 FIFTH AVE NEW YORK

Kansas City Mo RUBEROID CO 500 FIFTH AVE NEW YORK

Amalgamated Roofing Mills 6600 S Central Chicago 38 Ill

Chicago 38 Ul BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY BIRD & SON INC 47 WILSON ST E WAL-POLE MASS Bonafide Mills Inc 295 Fifth Ave New York

NY Brixite Mfg Co Inc South Kearny NJ CAREY (PHILIP) MFG CO 320 S WAYNE CINCINATI 15 OHIO CELOTEX CORP 120 S LA SALLE ST CHI-CAGO 3 ILL CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA Exiner (Alexander) Co Mdse Mart Chicago 54 IU

54 III FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Globe Roofing Prods Co Inc 2207 Schrage JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY Jones & Brown Inc 439 Sixth Ave Pittaburgh J9 Pa Keystone Asphalt Prods Co 101 E Ontario St Chicago 11 III

AMERICAN BUILDER

SIDING, ASBESTOS CEMENT,

Lehon Co Madison NATIONAL GYPS

CORRUGATED

SIDING, ASPHALT, INSULATING

Chicago 38 I BARRETT DIV

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36 NY

Air-O-Cel Co PO Box 62 Ferndale Sta Detroit

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CLAPBOARD

Baker-Roos Inc 602 W McCarty St Indianapo-lis 6 Ind BRAINARD STEEL DIV SHARON STEEL GRISWOLD ST WARREN OHIO Dayton Sure-Grip & Shore Co 504 Kercher St Miamisburg Ohio Marvel Equip Co 1055 Bowen St Oshkosh Wis Safwag Steel Prods Inc 6228 W State St Milwaukee Wis SYMONS CLAMP & MFG CO 4249 DIVER-SEY AVE CHICAGO 39 ILL

#### SHOWER BATH, CABINETS

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich Briggs Mfg Co 1623 E 45th St Cleveland Ohio Crane Co 836 S Michigan Chicago 5 Ill Durst Mfg Co 409 Lafayette New York 3 NY FIAT METAL MFG CO 3301 W BELMONT AVE FRANKLIN PARK ILL GERBER PLUMBING FIXTVIRES 232 N CLARK ST CHICAGO 1 ILL Harrison Steel Cabinet Co 4718 W Fifth Ave Chicago 44 Ill Worthown Mfg Corm 70.70 80th St Brocklyn

Chicago 44 Ill etcham Mfg Corp 70-70 80th St Brooklyn

Ketcham Mfg Corp 70-70 80th St Brooklyn 27 NY Kraus (Walter S) Co 48-02 43rd St Woodside Kraus (V 77 NY

Lehman Sprayshield Co 3355 York Rd Phila-delphia 40 Pa

Lemman Sprasment Co 5555 101K Rd Films dielpla 4 Fm Wwalkee 14 Wain Co 800 S 72nd St Mil-wukee 14 Waah Sentle 4 Waah Peerless Steel Equipment Co 110 N Franklin Chieago III Rippolite Plasties Prods Inc 3910 Cohasset St Burbank Calif Standard Building Prods Co 621 McDonald Ave Brooklyn 18 NY Standard Steel Cabinet Co 3701 N Milwaukee Chieago 41 III Steel Partitions Inc PO Box 807 Jamestown

Steel Partitions Inc PO Box 807 Jamestown

NI Structural Slate Co East Pen Argyle Pa Tiletone Co 2323 N Wayne Ave Chicago 14 Ill Weis (Henry) Mfg Co 941 Oak St Elkhart Ind

#### SHUTTERS, METAL

Acme Equipment Co 213 E Broadway Musko-

Acme Equipment Co 213 E Broadway Musko-gee Okla Allen Steel Prods Inc 2941 E Ten Mile Rd. Hazel Park Mich American Coolair Corp 3604 Mayflower St Jacksonville 3 Fla Astrup Co 2937 W 25th St Cleveland 13 Ohio CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO FAWSCO DIV FALLS STAMPING & WELD-ING CO 1701 FRONT ST CUYAHOGA FALLS OHIO Fries & Son Steel Const & Engr Co Cov-

ries & Son Steel Const & Engr Co Cov-ington Ky

ington Ky Jones Shutter Prods 246 NW 29 St Miami Fla LEICH BLDC PRODS DIV AIR CONTROL PRODS INC GLADE ST AT LARCH COOPERSVILLE MICH MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Russell Reinforced Flastics Corp 521 W Hoff-man Ave Lindenhurst L 1 NY Trussbilt Div Siems Bros Inc 2575 Como Ave St Paul 8 Min United Metals Prods Inc 865 S High St Akron 11 Ohio

11 Ohio

#### SHUTTERS, WOOD

CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA

CARR ADAMS & CULLIER CO 11TH & JACKSON DUBUQUE 10WA Cole Mfg Co PO Box 2657 Memphis 2 Tenn CURTIS COS INC 1200 S SECOND AVE CLINTON 10WA Farley & Loetscher Mfg Co Dubuque Ia Goshen Sash & Door Co E Purl Goshen Ind Gregg & Son Inc 21-31 Blandin Ave Fram-ingham Mass Heinley's Movable Shutters 1620 Euclid Santa Moniea Calif Edward Hines Lbr Co 77 W Washington St Chicago 2 III Huttig Mfg Co Muscatine Iowa Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo Jones Shutter Prods 246 NW 29 St Miami Fla Marquart Millwork Co 50 Ceape St Oshkosh Wis Morgan Co 520 Oregon St Oshkosh Wis

Wis Morgan Co 520 Oregon St Oshkosh Wis MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Prentice (F W) & Co 430 N Dean St Adrian

Pren. Mi

Mich ROACH & MUSSER CO MUSCATINE IOWA Roberson (A) & Son Inc PO Box 111 Bing-hamton NY Rock Island Millwork Co 2525 Fourth Ave Rock Island III Rockwell of Randolph Inc Randolph Wis Segelke & Kohlhaus Co 600 S Second St La Crosse Wis SILCREST CO 100 THOMAS ST WAUSAU WIS

Lehon Co Madison at 25th Ave Bellwood III Logan-Long Co 6600 S Central Ave Chicago 38 III

Logan-Long Co 6600 S Central Ave Umengo 38 III
Mastic Asphalt Corp 131 S Taylor St Sonth Bend 24 Ind
National Mfg Corp 3343 Flanagan St Tona-wanda NY
Nelson (B F) Mfg Co 401 NE Main St Min-neapolis 13 Minn
Old American Roofing Mills 7600 Truman Rd Kansas City Mo
Plasteel Prods Corp 15 MacAdam Ave Wash-ington Pa
Protective Prods Co 2701 NE University Min-neapolis 18 Minn
Tamko Asphalt Prods Inc 601 N High Joplin Mo

Mo UNITED STATES GYPSUM CO 300 W AD-AMS ST CHICAGO 6 ILL Weatherpanel Sidings Inc 285 Chandler St Buffalo 7 NY

#### SIDING, HARDBOARD

Buffalo Mfg Corp 150 Pine St Grays Lake Ill FOREST FIBER PRODS CORP BOX 68 FOR-EST GROVE ORE MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Plytex Corp 1731 Elston Ave Chicago 22 Ill Plywood Tacoma Co 540 E 15th St Tacoma Wash

Wash UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

#### SIDING, LOG

Abbot Fox Lbr Co Iron Mountain Mich BRADLEY LBR CO OF ARKANSAS PO BOX 390 WARREN ARK Christiansen (C M) Co Phelps Wis Collins Pondosa Lbr Co Pondosa Ore CONNOR LBR & LAND CO 231 THOMAS ST WAUSAU WIS Edward Hines Lbr Co 77 W Washington St Chicago 2 III Firpine Frods Co PO Box 185 Oswego Ore Fleishel Lbr Co 4243 Duncan Ave St Louis 10 Mo to Lbr Co Iron Mountain Mich FROST LBR INDUSTRIES PO DRAWER 1125 SHREVEFORT 90 LA Godman Lbr Co Goodman Wis Kennedy J G Co Goodman Wis Kennedy J G Co Kinzue Ore Mauk Seatt Lbr Co 3936 University Seattle 5 Wash

Mauk Scattle Lbr Co 3935 University Scattle 5 Wash Miller (E C) Cedar Lbr Co Aberdeen Wash New Mexico Timber Co PO Box 988 Albu-querque NM Rosboro Lbr Co Springfield Ore Rustic Furniture Co Inc Williamstown 'NJ Sullivan Lbr Co Portland Ore Unadilla Silo Co Clifton St Unadilla NY Union Lbr Co 620 Market St San Francisco Calif

Calif Warren-Lamb Lbr Co Rapid City SD WEYERHAEUSER SALES CO FIRST NAT'L BANK BLDG ST PAUL 1 MINN Wilson (A K) Lbr Co PO Box 150 Compton Calif Winton Lbr Sales Cơ 3100 W Lake St Min-neapolis 2 Minn

## SIDING, PLYWOOD

ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 14 MASS Blick (T C) Plywood Co Inc 249 Park Ave Hartford & Conn Midwest Plywood Co 10101 Lyndon Ave De-troit 38 Mich Plytex Corp 1731 Elston Ave Chicago 22 Ill Plytex Corp 1731 Elston Ave Chicago 22 Ill Plytex Corp 1731 Elston Ave Chicago 24 Mich Wash

Wash UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

#### SIDING, UNDERLINER, INSULATING, BLANKET

Air-O-Cel Co PO Box 62 Ferndale Sta\* Detroit 20 Mich CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY MEADOWS (W R) INC 2 KIMBALL ELGIN

MEADOWS (W R) LICE ALLENDER ILL Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kansas City Mo RUBEROID CO 500 FIFTH AVE NEW YORK

36 NY UNITED STATES STEEL CORP 525 WIL-LIAM PENN PL PITTSBURGH 30 PA WOOD CONVERSION CO FIRST NAT'L BANK BLDG ST PAUL 1 MINN

#### SIDING, WOOD

Abbot Fox Lbr Co Iron Monntain Mich BRADLEY LBR CO OF ARKANSAS PO BOX 390 WARREN ARK Christiansen (C M) Co Phelps Wis Collins Pondosa Lbr Co Pondosa Ore

Christiansen (C M) Co Pheips Wis Collins Fondesa Lbr Co Pondosa Ore CONNOR LBR & LAND CO 231 THOMAS ST WAUSAU W1S Firpine Prods Co PO Box 188 Oswego Ore Fleishel Lbr Co 4243 Duncan Ave St Louis 10

Fleishel Lbr Co 4243 Duncan Ave St Louis 10 Mo Fox Abbot Lbr Co Iron Mountain Mich FROST LBR INDUSTRIES PO DRAWER 1125 SHREVEPORT 90 LA Goodman Lbr Co Goodman Wis Edward Hines Lbr Co 77 W Washington St Chicago 2 Ill Kennedy (J G) Lbr Co Seattle 1 Wash Kinzua Pine Hills Co Kinzua Ore Mauk Seattle Lbr Co 3935 University Seattle 5 Wash Miller (E C) Cedar Lbr Co Aberdeen Wash New Mexico Timber Co PO Box 988 Albu-querque NM Rosboro Lbr Co Springfield Ore Rustic Furniture Co Inc Williamstown NJ Sullivan Lbr Co Springfield Ore Unadilla Silo Co Clifton St Unadilla NY Union Lbr Co 620 Market St San Francisco Warren-Lamb Lbr Co Rapid City SD

Calif Warren-Lamb Lbr Co Rapid City SD WEYERHAEUSER SALES CO FIRST NAT'L BANK BLDG ST PAUL 1 MINN Wilson (A K) Lbr Co PO Box 150 Compton Calif

Winton Lbr Sales Co 3100 W Lake St Min-neapolis 2 Minn

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ELKAY MFG CO 1874 S 54TH AVE CHI-CAGO 50 LL Excel Metal Cabinet Co Inc 1938 Johnson Jametown NY Farwell Metal Fabricating Div Fairfield & Waiter St Paul 1 Minn Geneva Modern Kitchens Inc 201 S Eighth St Geneva III Harrison Steel Cabinet Co 4718 W Fifth Ave Chicago 44 III Houston Pipe & Sheet Metal Work Box 1692 Houston Texas Jamestown Metal Prode Co 178 Blackstone Ave Jamestown NY Just Mfg Co 9233 King Ave Franklin Park III Kelvinator Div American Motors Co 14250 Plymouth Rd Detroit 32 Mich Legion Stainless Sink Corp 21-07 40th Ave Long Island City 1 NY LYON METAL PRODS INC 25 MONTGOM-ERY ST AURORA ILL Palley Mfg Co 1101-07 W North Ave Pittz-burgh 33 Pa Peck & Harvey 5650 N Western Ave Chicago It

Peck

III Ruslander & Sons Inc 18 Letchworth St Buf-falo 13 NY TRACY KITCHENS DIV EDGEWATER STEEL CO 3125 PREBLE AVE PITTS-BURGH 30 PA Tyra (R K) Co Highway 61 Tyra Minn Zahner Mfg Co 1213 Walnut Kansas City Mo

#### SINKS, PORCELAIN ENAMEL

ALLIANCEWARE INC BOX 809 ALLIANCE OHIO

OHIO AMERICAN KITCHENS DIV AVCO MFG CORP 187H & COLUMBIA CONNERS-VILLE IND AMERICAN STANDARD PLUMBING & HEATING DIV PO BOX 1226 PITTS-BURGH 30 PA BRIGGS MFG CO 300 BUHL BLDG DETROIT 26 MICH

Chicago Pottery Co 1920 N Clybourn Chicago 4 Ill

4 III Crane Co 836 S Michigan Chicago 5 III ELJER CO 3 GATEWAY CÉNTER PITTS-BURGH 23 PA Enamel Prods Co Eddy Rd & Taft Ave Cleve-land 8 Ohio General Chef 4536 E Dunham St Los Angeles 23 Calif.

land 8 Ohio General Chef 4536 E Dunham St Los Angeles 23 Calif Gen Porcelain Enamel & Mfg Co 2700 N Kar-lov Ave Chicago III GERBER PLUMBING FIXTURES 232 N CLARK ST CHICAGO 1 ILL Home Easentials Corp 79 Cliff New York NY HUMPHREYS MFG CO 201 E FIFTH ST MANSFIELD OHIO INGERSOLL PRODS DIV BORG-WARNER CORP 10400 W 120TH ST CHICAGO ILL Kelvinator Div American Motors Co 14250 Plymouth Rd Detroit 32 Mich LER WIS LYON METAL PRODS INV BORG-WARNER CORP 10400 W 120TH ST CHICAGO ILL Kelvinator Div American Motors Co 14250 Plymouth Rd Detroit 32 Mich LER WIS LYON METAL PRODB INC 25 MONTGOM-BERT ST ALFORD UNIVERSITY ST WLINS MFGC CORP UNIVERSITY ST WLINS MFGC CORP UNIVERSITY ST WLINS MFGC 20 NORTH ST BOYLE AVE LOS ANCELES 38 CALIF Palley Mfg Co 1101-07 W North Ave Pitts-burgh 32 Pa RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ Shirley Corp 330 E St Joseph Indianapolis 2 Ind Tennessee Stove Works 14th & Holtzclaw Chattanogra Tenn

Ind Ind Tennessee Stove Works 14th & Holtzclaw Chattanooga Tenn TOLEDO DESK & FIXTURE CO 1020 FORD RD MAUMEE OHIO TRACY KITCHENS DIV EDGEWATER STEEL CO 3125 PREBLE AVE PITS-BURGH 30 PA US Porcelain Enamel Co 4635 E 52nd Dr Los Angeles 22 Calif UNIVERSAL-RUNDLE CORP BOX \$60 NEW CASTLE PA

ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 9 CALIF American Metal Works Inc 4401 Bienville St New Orleans La Badger Corrugating Co 1801 W Ave S La Crosse Wis BARRETT DIV ALLIED CHEMICAL DYE CORP 40 RECTOR ST NEW YORK 6 NY CHEMOLD CO 2000 COLORADO AVE SANTA MONICA CALIF CONSOLIDATED GENERAL PRODS INC PO BOX 7425 HOUSTON TEXAS CORRULUX DIV L-O-F GLASS FIBERS CO PO BOX 20026 HOUSTON 6 TEXAS Giehner Inc 1900 Kendall NE Washington 2 DC

Gichner Ine 1900 Kendall NE Washington 2 DC
 INTERNATIONAL MOLDED PLASTICS 4387 W 35TH ST CLEVELAND 9 OHIO
 OWENS-ILLINOIS GLASS CO PO BOX 1935 TOLEDO 1 OHIO
 Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa
 RESOLITE CORP ZELIENOPLE PA
 Richards (J Merrill) 25 Huntington Ave Bos-ton 16 Mass
 SAINT PAUL CORRUCATING CO S END WABASHA ST ST PAUL 1 MINN
 Stewart Iron Works Ine PO Box 1939 Cincin-nati 1 Ohio
 Tiffin Art Metal Co Box 807 Tiffin 16 Ohio
 Tyra (R K) Co Highway 61 Tyra Minn
 Van Noorden (E) Co 100 Magazine St Boston 19 Mass
 Wass
 Wass
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19 Mass Wasco Products, Inc Bay State Rd Cambridge 28 Mass Williams & Williams Prods Corp 326-28 E 44th St New York 17 NY Willis Steel Corp Box 149 Galesburg Ill

Conco Building Prods Inc Box 111 Mendota Ill Evergreen Slate Co Inc 34 North St Gran-ville New York North Bangor Slate Co Bangor Pa Structural Slate Co East Pen Argyle Pa

American Water Softener Co 4th & Lehigh Ave Philadelphia 33 Pa Calgon Inc 323 Fourth Ave Pittsburgh Pa Commercial Paste Co Buttles at Michigan Columbus 8 Ohio Culligan Inc 1657 Shermer Ave Northbrook III DAYTON PUMP & MSC CO 1990 N 1997

1111 DAYTON PUMP & MFG CO 500 N WEB-STER ST DAYTON 1 OHIO Elgin Softener Corp 236 N Grove Ave Elgin

FLINT & WALLING MFG CO INC 95 OAK ST KENDALLVILLE IND MYERS (F E) & BRO CO 424-34 ORANGE ST ASHLAND OHIO

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SOFTENERS, WATER

SKYLIGHTS

SLATE

Permutit Co 330 W 42nd St New York 36 NY Reynolds Shaffer Co 12100 Cloverdale Detroit 4 Mich

4 Mich RHEEM MFG CO 7600 S KEDZIE AVE CHI-CAGO 29 ILL Solventol Chemical Prods Inc 15828 Second Ave Detroit Mich

Ave Detro CO 500 N WEBSTER ST DAY-TON

1 OHIO Industrie Tamms dustries Inc 228 N La Salle St Chi-

cago 1 Ill Uniflow Mfg Co 1525 E Lake Rd Erie Pa Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind

#### SPRINKLERS, AUTOMATIC SYSTEMS

Blaw-Knox Co Farmers Bank Bldg Pitts-burgh 30 Pa Everhot Prods Co 2001 W Carroll Ave Chi-

cago 12 III Everspray Div 2001-09 W Carroll Chicago 12

III Robbins Lightning Protection 124 E Second St Maryville Mo Rockwood Sprinkler Co 38 Harlow St Wore-ester 5 Mass

#### STAIRS, STEEL

AIRCRAFT ORNAMENTAL IRON CO 724 E HUDSON ST COLUMBUS 11 OHIO Badger Wire & Iron Works Inc 2933 W Cleve-limit Milwattee 15 Wis Birnin Milwattee 15 Wis Birnin Jammer Ala Birnin Jammer Ala Birnin Jammer Ala Biaw-Knox Co Farmers Bank Bldg Pitts-burgh 30 Pa Farmers Bank Bldg Pitts-Biaw-Knox Co FAC CO INC 2101 FLORENCE AVE CINCINNATI OHIO Davis & Siehl Box 78 Sta A Cincinnati 23 Ohio Besatur Iron & Steel Co Second St W Deca-

Ohio Decatur Iron & Steel Co Second St W Deca-tur Ala Districh Bros Inc 2700 Loch Raven Rd Balti-more 18 Md Norks 80 Park Place New York 7 NY

Finke (J W) Iron Works 80 Park Place New York 7 NY
GENERAL BRONZE CORP STEWART AVE GARDEN CITY L I NY
Grand Rapids 4 Mich
Harris Inc 200 E Long St Columbus Ohio
Houston Texas
International Steel Co 1321 Edgar St Evanswille 7 Ind
Logan Co 201 Cabel St Louisville 6 Ky
Mesker (George L) Steel Corp 400 NW First St Evanswille 8 Ind
METAL CRAFTERS E AVE AT 18TH ST CEDAR RAPIDS 1000A
St Paul Foundry & Mig Co 500 Como Ave St Paul 3 Minn

Works Inc PO Box 1039 Cin-

Stewart Iron Works Inc PO Box 1039 Cin-cinnati 1 Ohio Wiemann (Ernest) Iron Wks 2035 E 11th Tulsa 4 Okla

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Cleveland St Paul 8 Minn Minnesota Wood Specialties Inc PO Box 216 St Paul Park Minn Mott Bros Co 907 S Main St Rockford III Newark Ladder & Bracket Co Inc 17 Walnut Ave (Clark) Rahway NJ Plastergon Wall Board Co 196 Philadelphia Buiffalo 7 NY PRECISION PARTS CORP 400 N FIRST ST

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NJ Acme Steel Co 2840 Archer Ave Chicago 8 111 ARROW FASTENER CO 1 JUNIUS BROOK-LYN 12 NY Atlaa Tack Corp S Pleasant St Fairhaven Mass BOSTITCH INC 1101 MECHANIC ST WEST-ERLY RI

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Ohio Ohio Ohio Superior Inte Chetana A Hand 17 Ohio Co 21700 St Clair Ave Cleve-Independent Metal Strap Co Inc 230 3rd St Brooklyn 15 NY Jones & Laughlin Steel Corp 3 Gateway Cen-ter Pittaburgh 30 Pa KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL Larson Co Ave G & C&NW RR Sterling Ill Markwell Mfg Co 200 Hudson St New York 13 NY

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Inland Steel Co 38 S Dearborn St Chicago 3 Ill International Steel Co 1321 Edgar St Evans-ville 7 Ind Kaiser Steel Corp 1924 Broadway Oukland

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Chicago 80 Ill St Paul Foundry & Mfg Co 500 Como Ave St Paul 3 Minn Sheffield Steel Div Armco Steel Corp Sheffield Sta Kansas City 25 Mo Soule Steel Co 1750 Army St San Francisco

Calif

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- OHIO
- OHIO UNITED STATES STEEL CORP 525 WIL-LIAM PENN PL PITTSBURGH 30 PA Webrib Steel Corp 120 Broadway New York & NY Wheeling Corrugating Co 1134 Market St Wheeling W Va WICKWIRE SPENCER STEEL DIV 575 MADISON AVE NEW YORK 19 NY

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- TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 1LL

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Richmond 5 Va Richmond 5 Va VEGA INDUSTRIES INC 1208 E BRIGHTON SYRACUSE 5 NY Seattle Boiler Works Inc 5237 E Marginal Way Seattle 4 Wash Stover Steel Tank & Mfg Co 100 S Hancock Freeport III US Steel Prods Div US Steel Corp 5100 Santa Fe Ave Los Angeles 58 Calif

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- Builders Brick Co 3800 Ninth Ave S Seattle 8 Mach
- Builders Brick Co 3800 Ninth Ave S Seattle 8 Wash
  Carter-Waters Corp 2440 Pennway Kansas City 8 Mo
  CEDAR RAPIDS BLOCK CO DUR-O-WAL DIV 656 TWELFTH AVE CEDAR RAPIDS IOWA
  CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
  CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO
  Conver Steel & Wire Co 600 E 132nd St New York 54 NY
  Copperweld Steel Co Wire & Cable Div 322 Frick Bldg Glasgort Pa
  Datyton Sure-Grip & Shore Co 504 Kercher St Miamisburg Ohio
  Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md
  DONLEY BROTHERS CO 13910 MILES AVE

- Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Goldsmith Metal Lath Co 4501 Chickering Cincinnati Ohio H & H MFG CO 20050 ST CLAIR CLEVE-LAND 17 OHIO Heckmann Bildg Prods Co 4018 W Lake Chi-cago 24 III

- LAND 17 OH10 Heekmann Bidg Prods Co 4018 W Lake Chi-cago 24 III Hohmann & Barnard Inc 204 E 33rd St New York 16 NY INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS Interstate Brick Co 3100 S 11th E Salt Lake City Utah KEES (P D) MFG CO 700 PARK AVE BEA-TRICE NERR KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL Klauer Mfg Co Ninth & Washington Sts Dubuque Iowa La Crosse Steel Roofing Co 227 Jay St La Crosse Wis M & M Wire Clamp Co 975 17th Ave Minne-apolis Minn Merwin Mfg Co 19th & German Erie Pa Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa Reeves Steel & Mfg Co 6 1ron Ave Dover Ohio Sommer Metalcraft Corp 315 Poston Dr Crawfordsville Ind SYMONS CLAMP & MFG CO 4249 DIVER-SEY AVE CHICAGO 39 ILL UNIFED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 31 IL Universal Form Clamp Co 1238 N Kostner Ave Chicago 51 II Washington Mfg Co Box 370 Washington Iowa Wheeling Corrugating Co 1134 Market St Wheeling W Ya

## TILE, ACIDPROOF

- Atlas Mineral Prods Co Mertztown Pa Belden Brick Co Canton 1 Ohio Elgin-Butler Brick Co PO Box 816 Austin Texas
- Evans Pipe Co 23 Newport Ave Uhrichsville Ohio
- Ohio Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa Harbison-Walker Refractories Co Farmers Bank Bldg Pittsburgh 22 Pa Mexico Refractories Co Love & Cole Sts Mexi-
- M.
- co Mo MOSAIC TILE CO 1949 PERSHING AVE ZANESVILLE OHIO National Tile & Mfg Co E 26th St Anderson Ind
- Ind Sloane-Delaware Floor Prods Inc PO Box 401 Trenton 3 NJ Summitville Tiles Inc Summitville Ohio Texas Vitrified Pipe Co Box 111 Mineral Wells
- Texas Iexas Ile-Tex Div Flintkote Co 1232 McKinley Ave Chicago Heights Ill Tile

## TILE, ASPHALT

- ARMSTRONG CORK CO LIBERTY & CHAR-

- ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Azrock Proda Div Uvalde Rock Asphalt Co Box 531 San Antonio 6 Texas BIRD & SON INC 47 WILSON ST EAST WALPOLE MASS CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO CONGOLEUM-NAIRN INC 195 BELGROVE DR KEARNY NJ Durgfleg Corp 411 E 25th St Baltimers 2 Ma DR KEARNY NJ Duraflex Corp 411 E 25th St Baltimore 2 Md

- FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Forman-Ford & Co 111 E Second St Minne-apolis Minn

- rurman-Ford & Co 111 E Second St Minne-apolis Minn Goodrich (B F) Co Flooring Div 36 Nichols Ave Watertown 72 Mass HACHMEISTER INC PO BOX 357 PITTS-BURGH 30 PA JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY KENTILE INC 58 SECOND AVE BROOK-LYN 15 NY MASTIC TILE CORP OF AMERICA N MONTGOMERY NEWBURGH NY MOULTILE INC N MONTGOMERY ST NEW-BURGH NY

- BURGH NY PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF Thomas Moulding Floor Co Inc 325 West Huron St Chicago 10 Ill Tile-Tex Div Flintkote Co 1232 McKinley Ave Chicago Heights Ill WRIGHT MFG DIV MASTIC TILE CORP OF AMERICA PO BOX 6567 HOUSTON 5 TEXAS

#### TILE, CERAMIC

- AMERICAN OLEAN TILE CO 1000 CANUM AVE LANSDALE PA Cambridge Tile Mfg Co Box 71 Cincinnati 15
- Evans Pipe Co 23 Newport Ave Uhrichsville
- Ohio
- Ohio Gladding-McBean & Co 1275 Harrison St San Francisco Calif Kendrick Brick & Tile Co 3235 S Boulevard Charlotte NC MOSAIC TILE CO 1949 PERSHING AVE ZANESVILLE OHIO National Tile & Mfg Co E 26th St Anderson Led

- POMONA TILE MEG CO 623 N LABRA AVE HOLLYWOOD 38 CALIF PORCELAIN ENAMEL PRODS CORP BAY STATE RD REHOBOTH MASS Robertson Mfg Co Box 848 Trenton 5 NJ Robertson Mfg Co Box 848 Trenton 5 NJ Robertson Clay Prods Co 65 W State St Akron 9 Ohio Sheridan Press Brick & Tile Co Box 732 Sheridan Wro
- Sheridan Wyo SPARTA CERAMIC CO EAST SPARTA
- OHIO TYLON CORP SUMMER ST BOX 341 MIL-FORD MASS



STYLON CORP.

UNITED STATES CERAMIC TILE CO 217 FOURTH ST NE CANTON 2 OHIO

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- CONGOLEUM-NAIRN INC 195 BELGROVE DR KEARNY NJ Dodge Cork Co Inc 23 Laurel St Lancaster Pa KENTILE INC 58 SECOND AVE BROOK-LYN 15 NY MASTIC TILE CORP OF AMERICA N MONTGOMERY NEWBURGH NY MOULTILE INC N MONTGOMERY ST NEWBURGH NY ROBBINS FLOOR PRODS INC TUSCUMBLA ALA
- ALA ALA Sloane-Delaware Floor Prods Inc PO Box 401 Trenton 3 NJ WRIGHT MFG DIV MASTIC TILE CORP OF AMERICA PO BOX 6567 HOUSTON 5 TEXAS

#### TILE, LINOLEUM

- ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Bonafide Mills Inc 295 Fifth Ave New York NY CONGOLEUM-NAIRN INC 195 BELGROVE DR KEARNY NJ

PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF Sloane-Delaware Floor Prods Inc PO Box 401 Trenton 3 NJ

#### TILE, PARTITION, GYPSUM

CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla

- Jacksonville Fla Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

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- American Biltrite Rubber Co Perrine Ave Trenton 2 NJ Voorhees Rubber Mfg Co Inc 151 E 50th St New York 22 NY ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Azrock Prods Div Uvalde Rock Asphalt Co Box 531 San Antonio 6 Texas BOLTA PRODS DIV GEN'L TIRE CO 70 GARDEN ST LAWRENCE MASS Bonafide Mills Inc 295 Fifth Ave New York NY
- NY Cermak Tile Co 4901 Brookpark Rd Cleveland 20
- land 29 Ohio CONGOLEUM-NAIRN INC 195 BELGROVE DR KEARNY NJ Danbury Rubber Co Inc Shelter Rock Rd Dan-bury Conn
- bury Conn oodrich (B F) Co 500 S Main St Akron 18 C
- Goodfield (B F) Co Sou S Main St Arton to Ohio Goodfieh (B F) Co Flooring Div 36 Nichols Ave Watertown 7 Mass HACHMEISTER INC PO BOX 357 PITTS-
- HACHMEISTER INC PO BOX 357 PITTS-BURGH 30 PA Hewitt-Robins Inc 666 Glenbrook Rd Stam-ford Conn JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK I6 NY KENTILE INC 58 SECOND AVE BROOK-LYN 15 NY Lustro Tile Mfg Co 1066 Home Ave Akron 10 Obio

- Ohio MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO MASTIC TILE CORP OF AMERICA N MONTGOMERY NEWBURGH NY Hastings Aluminum Prods Inc 225 E Walnut St Hastings Mich Miraplas Tile Co 980 Parsons Ave Columbus

6 Obio MOULTILE INC N MONTGOMERY ST NEWBURGH NY NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF ROBBINS FLOOR PRODS INC TUSCUMBLA ALA

ALA Styron Bri-Tile Co of New York 177 Broadway New York 7 NY Thomas Moulding Floor Co Inc 325 W Huron St Chicago 10 III Tile-Tex Div Fintkote Co 1232 McKinley Ave

Chicago Heights Ill U S Stoneware Co 5300 E Tallmadge Akron

U S Stoneware Co 5300 E Talimadge Akron 9 Ohio VIKON TILE CORP WASHINGTON NJ WRIGHT MFG DIV MASTIC TILE CORP OF AMERICA PO BOX 6567 HOUSTON 5 TEXAS

AMERICAN-OLEAN TILE CO 1000 CANUM AVE LANSDALE PA Builders Brick Co 3800 Ninth Ave S Seattle 8 Wash

NY Elgin-Butler Brick Co PO Box 21 Horseneads NY Elgin-Butler Brick Co PO Box 816 Austin Texas Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla Gagono Clay Prods Co 526 S Broadway Green Bay Wis Gladding-McBean & Co 1275 Harrison St San Francisco Calif Hanley Co 101 Park Ave New York NY Hood (Mifflin B) Co Daisy Tenn Interstate Brick Co 3100 S 11th E Salt Lake City Utah Ludowic-Celadon Co 75 E Wacker Dr Chicago

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vici-Celadon Co 75 E Wacker Dr Chicago

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Carlyle Tile Co Box 128 Ironton Ohio Carsk (N) & Sons Alameda Calif Columbia Brick Works 1320 S E Water Ave Fortland 14 Ore Consolidated Brick Co PO Box 127 Horseheads NY

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Texas Gladding Bros Mfg Co Third & Keyes San Jose 3 Calif Gladding-McBean & Co 1275 Harrison St San

Francisco Calif Hood (Miffin B) Co Daisy Tenn Interstate Brick Co 3100 S 11th E Salt Lake City Utah Ludowici-Celadon Co 75 E Wacker Dr Chicago

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<sup>1</sup> III Wolverine Porcelain Enameling 3350 Scotten Ave Detroit 10 Mich ZONOLITE CO 135 S LASALLE ST CHI-CAGO 3 ILL

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ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA Colotyle Tyle-Bord Inc 975 John St Seattle 9

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Hewitt-Robins Inc 666 Glenbrook Rd Stam-ford Conn KENTILE INC 58 SECOND AVE BROOK-LYN 15 NY MASTIC TILE CORP OF AMERICA N MONTGOMERY NEWBURGH NY Mitchel Rubber Prods Inc 2114 San Fernando Los Angeles 65 Calif PABCO FRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF RCA RUBBER CO 1833 E MARKET ST AKRON 5 OHIO ROBBINS FLOOR PRODS INC TUSCUMBIA ALA

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Beacon Brick Co 619 Beacon Bldg Wichita E Kans

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Texas Elgin-Standard Brick & Mfg Co Box 546 Elgin Texas Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla Frazer Brick & Tile Co PO Box 843 Dallas 21 Texas

Texas Clay Prods Co 526 S Broadway Green

Gagnon Clay Prods Co 526 S Broadway Green Bay Wis Gladding-McBean & Co 1275 Harrison St San Francisco Calif Great Falls Brick Co PO Box 220 Great Falls Mont Varies Co 101 Park Ave New York NY

Mont Hanley Co 101 Park Ave New York NY Hope Brick Works PO Box 389 Hope Ark Humboldt Brick & Tile Co 822 Bridge Hum-Hope Brick V Humboldt Br boldt Kans

Illinois Brick Co 228 N La Salle St Chicago Ill Interstate Brick Co 3100 S 11th E Salt Lake City Utah Jenkins Brick Co PO Box 91 Montgomery Ala Kalamazoo Tank & Silo Co 508 Harrison St Kalamazoo Mich

Kalo Brick & Tile Co 1230 First Ave S Fort

Kalo Brick & The Co 1250 First Ave S Fort Dodge Iowa Kendrick Brick & Tile Co 3235 S Boulevard Charlotte NC Kraftile Co Niles Calif Laredo Brick Tile Co Inc FO Box 1393 Laredo

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Hewitt-Robins Inc 666 Glenbrook Rd Stamford

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BURGH N Y ROBBINS FLOOR PRODS INC TUSCUMBIA

ALA 81 ane-Delaware Floor Prods Inc P O Box 401

Trenton 3 N J Tile-Tex Div Flintkote Co 1232 McKinley Ave

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CAGO 3 ILL Color-Craft Prods Inc 5035 Belleville Detroit 11 Mich DANT & RUSSELL INC 1320 S W BROAD-WAY PORTLAND 1 ORE East Coast Tileboard Corp 41-59 Wyckoff Ave Brooklyn 37 N Y

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DOVER OHIO MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL Miraplas Tile Co 980 Parsons Ave Columbus 6

Miratile Mfg Co 8201 S Wallace St Chicago 20

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Sterling Wheelbarrow Co 7036 W Walker Mil-wauke 14 Wis Stortz (John) & Sons Inc 210 Vine St Phila-delphia 6 Pa THOR POWER TOOL CO 175 N STATE ST AURORA ILL Vulcan Tool Mfg Co 41 Liberty St Quincy 69 Mass Whiteman Mfg Co 13020 Pierce Ave (Pacoima)

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 Mé M Wire Clamp Co 975 17th Ave Minne-apolis Minn
 Marshalltown Trowel Co 112 S Eighth Ave Marshalltown Iowa
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 BRITAIN CONN
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BRITAIN CONN Stortz (John) & Sons Inc 210 Vine St Phila-delphia 6 Pa Tru-Line Co 707 Locust St Des Moines Iowa United Wire Goods Mfg Co Inc 1152 Broadway New York NY Vaughan & Bushnell Mfg Co 135 S La Salle Chicago 3 Ill Vernontown Mfg Co Inc 338 W Lincoln Ave Mt Vernon NY

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Dependable Machine Co Box 839 Greensboro NC Duro Metal Prods Co 2649 N Kildare Ave Chi-caga 39 III Forsberg Mfg Co 125 Seaview Ave Bridge-port I Conn GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL Greenlee Bros Co 2136 12th St Rockford III Jet Tool Co Rox 247 Lemon Grove Calif MALL TOOL CO 7740 S SOUTH CHICAGO CHICAGO 19 ILL Millers Falls Co 57 Wells St Greenfield Maus MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS Onsrud Machine Works Inc 3900 W Palmer Chicago 47 III ROCKWELL MFG CO DELTA POWER TOOL DIV 400 N LEXINGTON PITTSBURGH 5 PA

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G117

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(See Counter Tops)

COUNTER

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naster Inc 1214 Third St S Minneapolls

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- CHURUBUSCO IND

- AMERICAN TRACTOR CORP TERRA DR CHURUBUSCO IND Automae Transportation Co 101 W 87th Chi-cago 20 III Buda Co Div Allia-Chalmers Mfg Co 15425 Comercial Harvey III Case (J 1) Co 702 State St Racine Wis Caterpillar Tractor Co 600 W Washington East Peoria 8 III Clark Equipment Co 24th St Battle Creek Mich Detroit Hoist & Machine Co 9293 Morrow St Detroit 11 Mich chine Co 9293 Morrow St Eimco Corp 654 S Fourth St W Salt Lake City Usah Elweil-Parker Electric Co 4156 St Clair Ave Cleveland 3 Ohio View Wheel Drive Auto Co E 12th Clintonville Wia Four Wis
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- Mass ъś sey-Harris-Ferguson Inc Quality Ave Ra-
- Master Mechanic Mfg Co Route 83 Burlington
- Midland Co 1200 W Rawson Ave S Milwaukee
- Wis OLIVER CORP 400 W MADISON ST CHI-CAGO ILL

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- y Utah D TRACTOR DIV 2500 E MAPLE RD FORD BIRMINGHAM MICH urner Mfg Co Wise St Statesville NC Turner

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- WHITE
- WAUKEE WILD HEE MAIN & COVERT STS PORT TON NY WASHING-

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Columbia Steel Tank Co 1401 W 12th St Kansas City Mo
COMBUSTION ENGINEERING INC 911 W MAIN ST CHATTANOOGA TENN
Crane Co 836 S Michigan Chicago 5 111
Evens & Howard Sewer Pipe Co 5200 Man-chester Ave St Louis 10 Mo
Moffman Specialty Mfg Corp 1700 W 10th St Indianapolis 7 Ind
Illinois Iron & Bolt Co Carpentersville III
Industrial Iron Works PO Box 4625 Portland 2 Ore

- Or Clay Mfg Co Spring St Box 128 Toronto Kaul
- Ohio NATIONAL CLAY PIPE MFRS INC 1820 N ST NW WASHINGTON 6 DC Vestal Mfg Co PO Box 152 Sweetwater Tenn Wilmington Casting Co 258 Charles St Wil-mington Ohio
- mington Ohio Zurn (J A) Mfg Co 1881 Pitsburgh Ave Erie Pa

#### TREADS, STAIR, SAFETY

G118

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- Conn
- Horn Fran
- Conn orn (A C) Co Inc 252 Townsend St San Francisco Calif once & Laughlin Steel Corp 3 Gateway Center Pittsburgh 30 Pa
- Pittsburgh 30 Pa Logan Co 201 Cabel St Louisville 6 Ky MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA MOORE (GOODLOE E) INC PO BOX 846 DANVILLE ILL NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO C A Rubber Co 1833 E Market St Akron 5 Ohio

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- ter Ohio OUNGSTOWN MFG INC 60-66 S PROS-PECT YOUNGSTOWN OHIO YOI

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- American Abrasive Metals Co 460 Coit St Irv-ington 11 NJ American Mason Safety Tread Co 125 Perry St Lowell Mass Blaw-Knox Co Farmers Bank Bldg Pittsburgh 30 Pa Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md
- Hewitt-Robins Inc 666 Glenbrook Rd Stamford
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- International Steel Co 1321 Edgar St Evans-ville 7 Ind Logan Co 201 Cabel St Louisville 6 Ky METAL CRAFTERS E AVE AT 18TH ST CEDAR RAPIDS IOWA Reliance Steel Prods Co 3700 Walnut St Mc-Reseport Pa
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#### TRIM & CASINGS, WOOD (See Millwork & Mouldings)

#### **TROWELS, POWER-DRIVEN** (See Concrete Finishing **Equipment**)

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20 Mich Studebaker-Packard Corp 635 S Main St South Bend 27 Ind White Motor Co 842 E 79th St Cleveland 1

WILLYS MOTORS INC 940 COVE ELVD TOLEDO OHIO

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Decatur Iron & Steel Co Second St W De-catur Ala
Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md

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#### (See Fixtures Plumbing)

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METUCHEN NJ Standard-Elsmere Granite Co 1754 N Spauld-ing Chicago III Vermont Soapstone Co Perkinsville Vt

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GOSHEN IND Lehman Sprayshield Co 3355 York Rd Phila-delphia 40 Pa Liebman Bathroom Specialties Inc 1437 Bush-wick Ave Brooklyn 7 NY Linoleum Prods Corp 15 N Second St Paterson 2 NJ

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MEADOWS (W R) INC 2 KIMBALL ELGIN ILL National Mfg Corp 3343 Flanagan St Tona-wanda NT Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kanaas City Mo OLIN FILMS DIV 655 MADISON AVE NEW YORK NY Protective Papers Inc Union Ill REYNOLDS METALS CO BLDG PRODS DIV 2015 NINTH ST LOUISVILLE 1 KY Richkraft Co 510 N Dearborn St Chicago 10 Ill

RÜBEROID CO 500 FIFTH AVE NEW YORK 36 NY STOCKER MFG CO NETCONG NJ VISKING CORP PO BOX 1410 TERRE HAUTE IND

ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS Braund-Harmon Co Wabeek Bldg Birmingham Mich

Braund Plywoods Inc 214 Wabeek Bldg Bir-

Braund Plywoods Inc 214 Wabeek Bldg Birmingham Mich
CONNOR LBR & LAND CO 231 THOMAS
ST WAUSAU WIS
HIGGINS INDUSTRIES INC PO BOX 8169
NEW ORLEANS 22 LA
Midwest Plywood Co 10101 Lyndon Ave Detroit 88 Mich
Nickey Bros Inc 2700 Summer Ave Memphis Tenn

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(See Concrete Vibrators)

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- JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY KEASBEY & MATTISON CO BUTLER AVE AMBLER PA Lehon Co Madison at 25th Ave Bellwood III NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kansas City Mo RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY

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- ARMSTRONG CORK CO LIBERTY & CHAR-

- ARMSTRONG CORK CO LIBERTY & CHAR-LOTTE LANCASTER PA BARCLAY MFG CO INC 385 GERARD AVE NEW YORK 51 NY CARP 40 RECTOR ST NEW YORK 6 NY CELOTEX CORP 129 S LA SALLE ST CHI-CAGO 3 ILL Cole Mfr Co PO Box 2657 Memphis 2 Tenn FLINTKOTE CO 30 ROCKEFELLER FLAZA NEW YORK 20 NY INSULITE CO MINNESOTA & ONTARIO PAPHR CO 500 INVESTORS BLDG MIN-NEMPOLIS 2 MIN SOURS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Plastergon Wall Board Co 196 Philadelphia Buffalo 7 NY Schreiber (Wm C) Lbr Co 2255 S Lumber Chicago II III Simpson Logging Co Shelton Wash UNITED STATES GYPSUM CO 304 W ADAMS ST CHICAGO 6 ILL UPSON CO 43 UPSON FT LOCKPORT NY WOOD CONVERSION CO 15T NATL BANK

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BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 6 NY FOREST FIBER PRODS CORP BOX 68 FOREST GROVE ORE HOMASOTE CO 1935 HARVEY RD TREN-TON 3 NJ USEON CO 10 USEON DT LOCKDORT NY

TON 3 NJ UPSON CO 43 UPSON PT LOCKPORT NY

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- Pape
- Cornell Paperboard Prods Co 230 N Michigan Chicago 1 Ill DANT & RUSSELL INC 1320 S W BROAD-WAY PORTLAND 1 ORE Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash Fir-Tex Insulating Board Co 1320 SW Broad-way Portland Ore PLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY

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- HOMASOTE CO 1935 HARVEY RD TREN-
- HOMASOTE CO 1933 HARVER TON 3 NJ INSULITE CO MINNESOTA & ONTARIO PAPER CO 500 INVESTORS BLDG MIN-NEAPOLIS 2 MINN Lehwood Corp 1703 Ironwood South Bend Ind Lehwood Corp 1703 Ironwood South Bend Int

- NEAPOLIS 2 MINN Lehwood Corp 1703 Ironwood South Bend Ind MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY National Tileboard Corp 1314 Blondell Ave New York 61 NY Plastergon Wall Board Co 196 Philadelphia Buffalo 7 NY Plytex Corp 1731 Elston Ave Chicago 22 Ill Schreiber (Wm C) Lbr Co 2255 S Lumber Chicago 16 Ill Simpson Logging Co Shelton Wash
- Chicago 16 III Simpson Logging Co Shelton Wash GUTHERN PLASWOOD CORP PO BOX 123 HOPE ARK UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL UPSON CO 43 UPSON PT LOCKPORT NY WALLACE MFG CO 10TH & FAYETTE NORTH KANSAS CITY MO WOOD CONVERSION CO 1ST NAT'L BANK BLDG ST PAUL 1 MINN WOODALL INDUSTRIES INC 3500 OAKTON AVE SKOKIE ILL
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- Blue Diamond Corp 1650 S Alameda St Los
- Blue Diamond Corp 1650 S Alameda St Los Angeles Calif CELOTEX CORP 120 S LASALLE ST CHI-CAGO 3 ILL CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA Grand Rapids 2 Mich NATIONAL CYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY PABCO PRODS INC 475 BRANNAN ST SAN FRANCISCO CALIF RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY

- 36 NY Schreiber (Wm C) Lbr Co 2255 E Lumber Chicago 16 Ill Schumacher Wall Board Corp South Gate
- UNITED NITED STATES GYPSUM ADAMS ST CHICAGO 6 ILL GYPSUM CO 300 W

#### WALLPAPER

- Birge Co Inc 390 Niagara St Buffalo 1 NY Buffalo Wallcraft Co Inc PO Box 54 Buffalo 7

- NY Century Wallpaper Mills Decatur III Cook Paint & Varnish Co 1412 Knox North Kansas City Mo Devoe & Raynolds Co Inc 401 W Main St Louisville 2 Ky Di-Noc Chemical Arts Inc 1700 London Rd Cleveland Ohio Clebs Mills Inc 4860 S Maltad Chicara III
- Caeveland Ohio Globe Mills Inc 4860 S Halsted Chicago Ill IMPERIAL PAPER & COLOR CORP PO BOX 231 GLENS FALLS NY Joliet Wall Paper Mills Inc Joliet Ill Lennon Wallpaper Co 807 Fourth Ave Joliet Ill Midwart Wall P

- III Midwest Wall Paper Co Joliet III Peaslee-Gaulbert Paint & Varnish Co 223 N 15th St Louisville Ky PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH II PA Prager Co Worcester Mass Preservative Paint Co 5410 Airport Way Se-
- attle 8 Wash
- atile 8 Wash Sherwin-Williams Co 101 Prospect Ave NW Cleveland 1 Ohio Stamford Wallpaper Co Ine Taylor & Main Sta Stamford Conn Star-Peerless Wallpaper Mills Joliet Ill Stotter Wallpaper Mills Crystal Lake Ill Trinz Co Ine Mdae Mart Plaza Chicago Ill United Wallpaper Inc PO Box 348 Aurora Ill Varlar Div United Wallpaper Inc 6154 Mdse Mart Chicago 54 Ill York Wall Paper Co 750 Linden Ave York Pa

## WASHERS, CLOTHES

- Altorfer Brothers Co 812 W Washington East
- Peoria 8 Ill APEX ELECTRICAL MFG CO 1020 E 152ND ST CLEVELAND 10 OHIO Automatic Washer Co Newton Iowa Eendix Home Appliance Div Avco Mfg Corp 1329 Artington St Cincinnati 25 Ohio Blackstone Corp 1032-88 Allen St Jamestown
- NY C nlon-Moore Corp 1824 S Laramie Cicero 50
- 111 CROSLEY DIV AVCO MFG CORP 1329 AR-LINGTON ST CINCINNATI 25 OHIO Easy Washing Machine Div Murray Corp Solar & Spencer St Syracuse 1 NY

FRIGIDAIRE DIV GENERAL MOTORS CORP 300 TAYLOR ST DAYTON 1 OHIO GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY Hamilton Mfg Co 1316 18th St Two Rivers

- Han HOTPOINT CO 5600 W TAYLOR ST CHI-
- CAGO 44 ILL CAGO 44 ILL Kelvinator Div American Motors' Co 14250 Plymouth Rd Detroit 32 Mich Maytag Co Newton Iowa Monitor Equipment Corp 640 W 249th St New York 71 NY Naxon Utilities Corp 3600 W Touhy Ave Chicago 45 Ill

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- Naxon Utilities Corp 3600 W Touny Ave Chicago 45 Ill NORGE DIV BORG-WARNER CORP ROOM 234 MDSE MART CHICAGO ILL One Minute Washer Co Kellogg Iowa Philco Corp Dexter Div Fairfield Iowa Philco Corporation Tioga & C Sts Philadelphia 24 D

- Philoe Corporation Lings a Source of the state of the sta

Abesto Mfg Corp 131 Wabash St Michigan City Ind Adensite Co 37-19 23rd St Long Island City NY Aluma Life Co Inc 887 Rayner St Memphis 6 Tenn

Tenn American Asbestos Proda Co 8000 Franklin Blvd Cleveland Ohio American Fluresit Co 4011 Red Bank Rd Cin-cinnati 27 Ohio American Marietta Co Valdura Div 101 E On-tario St Chicago 11 Ill AMERICAN SISALKRAFT CORP 55 STARKEY AVE ATTLEBORO MASS AMERICAN STA-DRI CO 4102 41ST ST BRENTWOOD MD ANGIER CORP FOUNTAIN ST FRAMING-HAM MASS

ANGIER CORF FOUNTAIN ST FRAMING-HAM MASS Anti Hydro Waterproofing Co 265 Badger Ave Newark & NJ Armor Labs Inc Commercial & Doran Glendale

<sup>3</sup> Call BARRETT DIV ALLIED CHEMICAL & DYE CORP 40 RECTOR ST NEW YORK 5 NY BIRD & SON INC 47 WILSON ST EAST WALPOLE MASS

WALPOLE MASS Breinig Brothers First & Harrison Hoboken NJ CABOT (SAMUEL) INC 141 MILK ST BOS-TON 9 MASS CALBAR PAINT & VARNISH CO 2612-26 N MARTHA PHILADELPHIA 25 PA Camp Co Inc 6958 S State Chicago 21 Ill Camp Chemical Co Inc 170 Second Ave Brook-ling of Martin Statement (Sama Statement Control Sama Statement Control Sama Statement Control Sama Statement (Sama Statement Control Sama Statement Control Sama Statement Control Sama Statement (Sama Statement Control Sama Statement Control Sama Statement Control Sama Statement (Sama Statement Control Sama Statement Control Sama Statement Control Sama Statement (Sama Statement Control Sama Statement Control Sama Statement Control Sama Statement (Sama Statement Control Sama Statement Control Sama Statement Control Sama Statement (Sama Statement Control Sama Statement Control Sama Statement Control Sama Statement (Sama Statement Control Sama Statement Control Sama Statement Control Sama Statement (Sama Statement Control Sama Statement Control Sama Statement (Sama Statement (Sama Statement Control Sama Statement (Sama Statement (S

Ivn 15 NY CAREY (PHILIP) MFG CO 320 S WAYNE CINCINNATI 15 OHIO Cereait Waterprofing Corp 3227 S Shields Ave

Chicago 16 Ill CERTAIN-TEED PRODS CORP 120 E LAN-CASTER AVE ARDMORE PA King Chemical Co 2342 5 Lauderdale Memphis

Tenn COLORCRETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND 1 MICH Concord Co 4550 Main St Kansas City Mo Coopers Creek Chemical Corp River Rd West

Conshohocken Pa eennis Chemical Co 2701 Papin St St Louis Mo levoe & Raynolds Co Inc 401 W Main St

DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Emeo Cement Prods Shamokin Pa Evererete Corp 424 W 42nd St New York 18

NI Flexrock Co 36th & Filbert Sta Philadelphia 4 Pa

Pa Pa FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY Forman-Ford & Co 111 E Second St Minne-apolis Minn Fort Pitt Chemical Co 26th & Smallman Sts Pittsburgh 22 Pa Gibson-Homans Co 2366 Woodhill Rd Cleve-land 6 Ohio Glastic Corp North Kansas City 16 Mo Glidden Co Third & Bern Sts Reading Pa GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO Harrop Chemical Co 125 Hoboken Ave Jersey City 2 NJ Horn (A C) Co Inc Tenth St & 44th Long Is-land City 1 NY Hydrozo Frods Inc Madison 5 Wis JOBNS-MANVILLE CORP 22 E 40TH ST

Hydrozo Prods Inc Madison 5 Wis JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK IS NY Kay-Tite Co 10 White St West Orange NJ Lastlik Prods Co Inc 203 Iroquois Bldg Pitts-burgh 13 Pa Lasting Prods Co Franklintown Rd Baltimore 23 Md Lehon Co Madison at 25th Ave Bellwood III

LINDE AIR PRODS CO 30 E 42ND ST NEW YORK 17 NY

AMERICAN BUILDER

Dennis Chemical ( Devoe & Raynolo Louisville 2 Ky

WATERPROOFING

Lockrey Co Southampton NY Lowebco Inc 1525 E 53rd St Chicago 15 Ill Mar-Kay Mfg Co 2715 S Second St St Louis Mo

Mo Masonry Waterproofing Co Inc Box 1061 North Station Arlington 7 Va MASTER BUILDERS CO 7016 EUCLID AVE CLEVELAND 3 OHIO Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn Minwax Co Inc 11 W 42nd St New York 36 NY

NY MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY Monroe Co Inc 10703 Quebec Ave Cleveland Ohi

Onto Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY Old American Roofing Mills 7600 Truman Rd Kansas City Mo

Pavinoleum Inc 1239 St Nicholas New York 32 NY

NY Pecora Paint Co Inc 4th St & Rdg RR Phila-delphia 40 Pa Pecrless Cement Corp 1144 Free Press Bldg Detroit 26 Mich Perlite Mfg Co Arch St PO Box 478 Carnegie

Pa

P er Mfg Co 3053 E 87th St Cleveland 4 Ohi

Ohio PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA Pressitie Engr Co 3900 Chouteau Ave St Louis 10 Mo

10 Mo Siliphane Corp of America 10 E 40th St New York NY PROTECTION PRODS MFG CO 2305 SU-PERIOR AVE KALAMAZOO 99 MICH Protective Papers Inc Union III Pyramid Co 433 Maple Ave Downers Grove III Ranetite Mfg Co 1917 S Broadway St Louis 4 Mo

Mo

Mo Reardon Co 7501 Page Ave St Louis 14 Mo RE-NU-IT CORP 424 W 42ND ST NEW YORK 36 NY Roebond Prods Co Van Wert Ohio Robloff & Co 918 N Western Ave Hollywood 29 Colif Co 918 N Western Ave Hollywood

29 Calif

RUBEROID CO 500 FIFTH AVE NEW YORK

36 NY Rust-Oleum Corp 2425 Oakton St Evanston Ill

SEDDON CO 1526 WOOSTER RD CLEVE-LAND 16 OHIO Sika Chemical Corp 35 Gregory Ave Passaie NJ Sonneborn & Sons Bldg Prods Div 404 Fourth Ave New York 16 NY Spray-O-Bond Co 2225 N Humboldt Milwaukee

12 Wis STANDARD DRY WALL PRODS INC 77 HUDMONT ST NEW EAGLE PA Stonhard Co 1306 Spring Garden Philadelphia 23 Pa Stopall Waterproofing Mfrs Inc 212 Commerce Bidg Kalamazoo Mich Sullivan Co 212 E Trigg Memphis 2 Tenn Super Concrete Emulsions 1372 E 15th Los Angeles 21 Calif Tamms Industries Inc 228 N La Salle St Chi-cago 1 Ill THOMPSON (E A A CONSTRUCT)

THOMPSON (E A) CO INC 1355 MARKET ST SAN FRANCISCO CALIF Toch Bros 2600 Richmond Ter Staten Island B NY

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NY Truscon Labs Div Devoe & Reynolds Co Caniff at Grand Trunk Detroit 11 Mich Tuferete Co Inc 552 Teachout Bldg Des Moines

Tufcrete Co Inc 552 Teachout Bldg Des Moines 9 Iowa Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa United Gilsonite Labs 1396 Jefferson Ave Scranton 1 Pa Vita-Var Corp 10 Commerce Ct Newark NJ Wayne Chemical Prods Co Copeland & MC RR Detroit 17 Mich Weather Seal Co 10 E Pearl St Cincinnati 2 Ohio

Ohio Webster (W F) Cement Co 224 Thorndike Cambridge 41 Mass Wesco Waterpaints Inc Maple St Matteson III Wilbur & Williams Co 130 Lincoln Boston 35

Mass

Mass Wisconsin Face Brick & Supply Co 4485 N Green Bay Milwaukee Wis X-Pando Corp 43-15 36th St Long Island City NY

## WEATHERSTRIPPING

Accurate Metal Weatherstrip Co 216 E 26th St New York 10 NY Alden Mfg Co 201 W Walnut St Painesville Ohio

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich

LARGEL FARK MICH ALLMETAL WEATHERSTRIP CO 2241 N KNOX AVE CHICAGO 39 ILL Alto Mfg Co 1647 W Wolfram Chicago 13 III AMERICAN WINDOW CO 6726 SO ASH-LAND AVE CHICAGO ILL Co Carr St Box 10021

LAND A Window Co Carr St Box 10021 Knoxville Tenn American Metal Weatherstrip Co Grand Rapida Mich

BALTZ (R N) & CO 1009 HARVARD TER EVANSTON ILL



Barland Weatherstrip Material Co 1960 E 59th St Cleveland 3 Ohio Bridgeport Fabrics Inc 165 Holland Ave Bridgeport 9 Conn

Bridgeport 9 Conn CENTRAL METAL STRIP CO 4343 N WEST-ERN AVE CHICAGO 18 ILL CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH CHICAGO METAL STRIP CO 4521 N CLARK ST CHICAGO 40 ILL

CHICAGO MÉTAL STRIP CO 4521 N CLARK ST CHICAGO 40 ILL Deenois (W J) & Co 4444 Irving Park Rd Chicago 41 Ill Dorbin Metal Strip Mfg Co 2410 S Cicero Ave Chicago 50 Ill Durkee-Atwood Co 217 N E Seventh St Min-neapolis 13 Minn Formetal Inc 109 W Water St Oak Harbor Ohio Gardner Wire Co 1225 S Cicero Chicago 50 Ill Goshen Sash & Door Co E Purl Goshen Ind Johns-Manville Corp Dutch Brand Div 7800 Woodlawn Ave Chicago 19 Ill KESSLER PRODS CO 4521 LAKE PARK RD YOUNGSTOWN OHIO Lock-Joint Window Co 817 N W 61st Okla City 6 Okla MACKLANBURG-DUNCAN CO 4041 N SAN-TA FE OKLAHOMA CITY OKLA MASTER METAL STRIP SERVICE INC 1720 N KILBOURN AVE CHICAGO 39 ILL Hilwaukee Strip Service Inc 4621-23 E Lisbon Miwankee Stwis

1720 N RILEVOUR LA CARACTERIA CONTRACTOR NELLONG CONTRACTOR NELL WEATHERSTIP Co 6333 Etzel Ave St Louis 14 Mo Monarch Metal Weatherstrip Co 6333 Etzel Ave St Louis 14 Mo Mortell (J W) Co 550 N Hobbie Ave Kanka-

Mortell (J W) Co 550 N Hobbie Ave Kanka-kee III N S W Co 12900 Auburn Ave Detroit 23 Mich National Guard Prods Inc 540 Jackson Ave Memphis 7 Tenn NATIONAL METAL PRODS CO 2 GATE-WAY CENTER PITTSBURGH 22 PA Nichols Metal Strip Service 2108 Gilbert Cin-einnati 6 Ohio Pemko Mfg Co 4070 Hubbard St Emeryville Calif

Calif

Presstite Engr Co 3900 Chouteau Ave St Louis 10 Mo

<sup>10</sup> MO Protex Weatherstrip Mfg Co 4508 S Western Ave Chicago III Reese Metal Weatherstrip Co 712 Park Ave Minneapolis Minn SAGER WEATHERSTRIP & CALKING CORP 6276 S ASHLAND AVE CHICAGO 36 ILL Weatherstrip Mfg Co 4508 S Western



Smartly designed with a resilient vinyl tubing that actually hugs the bottom of a door. Vinyl tube has two sides; when one side becomes worn . . reverse it. Girder construction gives maximum load bearing capability and in easy to sweep over as there are no sharp edges to trap dirt or trip on. Individually packaged in all popular lengths, com-plete with screws and instructions for installing.

#### **#9VW WEATHERSTRIP**

For top and sides of doors, also has a double vinyl tube that absorbs any irregularities in the door, assuring a perfect seal. Vinyl tube can be reversed when one side wears. A hammer and snips are the only tools needed to install. Sold in sets for doors and windows or in bulk. Door thresholds are packed

SAGER WEATHERSTRIP & CALKING CORP. 6726 South Ashland Ave. Chicago 36, Illinois PHONE HEmiock 4-2700 ESTABLISHED 36 YEARS

Samson Prods Co 3219 Armitage Ave Chicago 47 Ill

SCHLEGEL MFG CO 227 N GOODMAN ST ROCHESTER NY



Security Co 385 Midland Detroit B Mich Sentry Stop-A-Draft 715 St Clair Ave Cleve-land 13 Ohio Shuford Mills Inc PO Drawer 340 Hickory NC Southern Metal Prods Corp 921 Rayner Mem-phis 5 Tenn Spanjers (A J) Co 5800 N Lilac Dr Minne-arolic Minn.

phile Stangers (A J) Co 5800 P apolis Minn apolis Minn Vanguard Weather Fend Co 1910 Broadway N E Albuquerque NM N E Albuquerque NM Wanguard Weather Fend Co 1910 Broadway N E Albuquerque NM Warnica Prods 6416-18 S Ashland Ave Chi-cago 36 Il

casco 36 III WEATHERT'ROOF PRODS CORP WALDO STA BOX 8498 KANSAS CITY 5 MO Yardley Industries 138 Parsons Ave Columbus

15 Ohio ZEGERS INC 8090 S CHICAGO AVE CHI-CAGO 17 ILL

#### WEATHERSTRIPPING. COMBINATION SASH BALANCE

COMBINATION SASH BALANCE ALLMETAL WEATHERSTRIP CO 2241 N KNOX AVE CHCAGO 39 ILL AMERICAN WINDOW CO 6726 SO ASH-LAND AVE CHICAGO 11L BALANCE SEAL CO 312 WEST LAKESIDE ST MADISON 5 WISC CENTRAL METAL STRIP CO 4343 N WEST-ERN AVE CHICAGO 18 ILL CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH CHICAGO METAL STRIP CO 4521 N CLARK ST CHICAGO 40 ILL MACKLANBURG-DUNCAN CO 4041 N SAN-TA FE OKLAHOMA CITY OKLA Milwaukee Strip Service Inc 4621-23 E Lisbon Milwaukee Strip Service Co 6333 Etzel Ave St Louis 14 Mo N S W Co 12900 Auburn Ave Detroit 23 Mich Pemko Mfg Co 4070 Hubbard St Emeryville Calf

Calif Reese Metal Weatherstrip Co 712 Park Ave Minneapolis Minn Southern Metal Prods Corp 921 Rayner Mem-phis 6 Tenn Warnica Prods 6416-18 S Ashland Ave Chi-cago 36 111 WEATHERPROOF PRODS CORP WALDO STA BOX 8498 KANSAS CITY 5 MO ZEGERS INC 8090 S CHICAGO AVE CHI-CAGO 17 ILL

#### WHEELBARROWS

American Ladder & Scaffold Co 5501 NW Seventh Ave Miami 38 Fla American Steel Scraper Co Wilkinson Ave Sidney Ohio Buch Mig Co 800 S Market St Elizabethtown

Fa Chattanooga Wheelbarrow Co 1313 E Main St Chattanooga 2 Tenn General Engines Co Inc Route 130 Thorofare

JACKSON MFG CO LOCHIEL RD HARRIS-

JACKSON MFG CO LOCHIEL RD HARRIS-BURG PA KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL Koehring Co & Subsid 3026 W Concordia Mil-waukee 16 Wis Lansing Co 603 N Cedar St Lansing 3 Mich Newark Ladder & Bracket Co Inc 17 Walnut Ave (Clark) Rahway NJ Novo Engine Co Ballantine St Lansing S Mich

Novo Engine to Danston Mich Ohio Machine Prods Co Columbus Ohio Prime Mover Co Sampson St Muscatine Iowa Sterling Wheelbarrow Co 7036 W Walker Mil-waukee 14 Wis US Steel Prods Div US Steel Corp 5100 Santa Fe Ave Los Angeles 58 Calif Western Wheel Barrow Mfg Co South Ft Santh Ark Western Wheel Barrow Smith Ark Wood Shovel & Tool Co Box 818 Piqua Ohio

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#### WINDOW OPERATORS

Adams Co PO Box 268 Dubuque Iowa AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN BAYLEY (WILLIAM) CO 1200 WARDER ST SPURCFIEL DAHD

BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD, OHIO Casement Hardware Co 612 N Michigan Ave Chicago 11 III Croft Steel Prods Inc 10 Market St James-

town NY Detroit Hardware Mfg Co 1320 Mt Elliott

Detroit Hardware mig Co And Detroit 7 Mich GETTY (H S) & CO INC 3348 N 10TH ST PHILADELPHIA 40 PA GRAND RAPIDS HARDWARE CO 560 11TH ST NW GRAND RAPIDS 2 MICH IVES (H B) CO 5 ARTIZAN ST NEW



THE H. B. IVES CO., NEW HAVEN, CONN.

Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif Parlyn Ine 556 S Monterey Pass Monterey Park Calif

BUILDERS HARDWARE

Fark Calif Shelby Spring Hinge Co Shelby Ohio STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL Universal Window Co 950 Farker St Berkeley 10 Calif Whitner Window Co 950 Farker St Berkeley

Whitney (Vincent) Co PO Box 335 Sausalito

Calif

#### WINDOW SCREENS, ALUMINUM FRAME

B C Steel Equipment Co 211 E 22nd St New York NY A

A B C Steel Equipment Co 211 E 22nd St New York NY ABC Steel Equipment Co 17th & First Ave Tampa 5 Fla Adams Co PO Box 268 Dubuque Iowa All Weather Jalousies Inc State Hwy 46 Teterboro NJ Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich Alsco Inc 260 S Forge Box 270 Akron 8 Ohio Alto Mr Co 1647 W Wolfram Chicago 13 Ill ALWINTITE DIV GENERAL BRONZE CORP STEWART AVE GARDEN CITY NY AMERICAN SCREEN PRODS CO 807 N W 29TH ST MIAMI 37 FLA B & W Enterprises 3521 Sweetwood St Hous-ton 19 Texas Barnhart (A W) Co 140 Highland St Port Chester NY CHAMBERIAIN CO OF AMERICA 1254 LA-BROSE ST DETROIT 26 MICH Cincinnati Fly Screen Div Union Commerce Bidg Cleveland Ohio CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO Croft Steel Prods Ine 10 Market St James-town NY

- Brothers 309 Center Little Rock Ark e-Picher Co American Bldg Cincinnati 1 Dyke

Feather-Lite Mfg Co 15889 Schaefer Detroit 27 Mich

- Fentron Industries Inc 2801 Market St Seattle Wash
- Gabri Steel Co 13700 Sherwood St Detroit

12 Mich Kane Mfg Corp PO Box 641 Kane Pa Kaufmann Corp 12891 Mt Elliott Detroit 12

Mich Mich KOTA PRODS INC ROUTE 25A ROCKY POINT LI NY Lato Prods Co 909 New Boston Rd Texarkana

- Tex LOXCREEN CO COLUMBIA SC LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA Maca Corp 1345 Henry St Huntington Ind Metaleraft Sereen Co 1171 Tremont St Baston 20 Mass NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO

G122

Orange Div Eagle-Picher Co American Bldg

Orange Div Eagle-Picher Co American Bildg Cincinnati Ohio REYNOLDS METALS CO BLDG PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY Rudiger-Lang Co 310 International Trade Mart New Orleans La RUDIGER-LANG CO 2701 EIGHTH ST BERKELEY 10 CALIF Screens & Fabricated Metals Corp 3323 Pater-son Rd North Bergen NJ Security Sash & Screen Co 385 Midland De-troit 3 Mich Southern Metal Prods Corp 921 Rayner Mem-phis 6 Tenn Steel Window Prods Co 550 Nassau Rd Roose-velt LI NY

- phis 6 Tenn Steel Window Prods Co 550 Nassau Rd Roose-veit LI NY THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA Trimview Metal Prods 600 N Third St Covina Calif sal Metal Prods Corp 4041 N W 26 St 15

- Calif Universal Metal Prods Corp 4041 N W 26 St Miami Fia Universal Fabricators 1785 1829 Boone Ave New York 60 NY V-Seal Corp 1300 Batavia Rd Royal Oak Mich VULCAN METAL PRODS 2801 SIXTH AVE S BIRMINGHAM ALA Wagner Awning & Mfg Co 2658 Scranton Rd Cleveland 1 Ohio Werner (R D) Co Inc 295 Fifth Ave New York 16 NY Wilson (L S) Mfg Co 7421 S Loomis Blvd Chicago 36 III Winsulite Mfg Co 725 N Central Ave Balti-more 2 Md WOODCO CORP BOX 31 NORTH BERGEN NJ

## WINDOW SCREENS, ROLLING

Barnhart (A W) Co 140 Highland St Port Chester NY

- Kane Mig Corp PO Box 641 Kane Pa Lockhart Mig Corp 6350 E Davison Ave De-troit 12 Mich Metalcraft Screen Co 1171 Tremont St Boston

Metaleraft Screen Co 1171 Tremont St Boston 20 Mass NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO ROLSCREEN CO MAIN ST PELLA 10WA Rudiger-Lang Co 310 International Trade Mart New Orleans La RUDIGER-LANG CO 2701-8TH ST BERK-ELEY 10 CALIF Steel Window Prods Co 550 Nassau Ed Roosevelt LI NY

#### WINDOW SCREENS, STEEL FRAME

Adams Co PO Box 268 Dubuque Iowa Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich AMERICAN SCREEN PRODS CO 807 N W 20TH ST MIAMI 37 FLA Atkinson Mfg Co 502-14 S James Ludington Mich

- Mich Barnhart (A W) Co 140 Highland St Port Carey-McFall Co 2156 E Dauphin St Phila-delphia 25 Pa CHAMBERLIN CO OF AMERICA 1254 LA-BROSE ST DETROIT 26 MICH Cinclinnati Fly Screen Div Union Commerce Bidg Cleveland Ohio CLEVELAND STEEL SPECIALTY CO 2778

Bldg Cleveland Ohio CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO Copoo Steel & Engr Co 14035 Grand River Ave Detroit 27 Mich Croft Steel Prods Inc 10 Market St James-

town NY DONLEY BROTHERS CO 13910 MILES AVE

CLEVELAND 5 OHIO entron Industries Inc 2801 Market St Seattle

7 Wash H & R MFG CO 200800 ST CLAIR CLEVE-LAND 17 OHIO Holister Coll Spring Mfg Co Avalon & Flor-ence Los Angeles Calif HOPE'S WINDOWS INC 54 HOPKINS AVE JAMESTOWN NY Kane Mfg Corp PO Box 641 Kane Pa KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL Lato Prods Co 909 New Boston Rd Texarkana Texas

- Lato Probe Co 909 New Boston Kd Texarkana Texas Malibu Mfg Corp 8438 Melrose Ave Los Angeles 49 Calif Mesker Bros Sixth Poplar & Seventh St Louis 2 Mo NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO NEW MONARCH MACHINE & STAMPING CO 406 S W NINTH ST DES MOINES 9 IOWA

- IOWA
- IOWA Rudiger-Lang Co 310 International Trade Mart New Orleans La RUDIGER-LANG CO 2701 EIGHTH ST BERKELEY 10 CALIF RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO Schumacher (F E) Co 200 Mill St Hartville Obio
- Ohio

STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA Trimyiew Metal Prods 600 N Third St Covina

alif Calif TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

New York 60 NY

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#### WINDOW SCREENS, SUN-REFLECTING

co Inc 260 S Forge Box 270 Akron 8 Ohio & W Enterprises 3521 Sweetwood St Hou-& W Enterprises 3521 Sweetwood St Hou-ston 19 Texas arnhart (A W) Co 140 Highland St Port Chester NY Barphart

- Flex-O-Glass Inc 1100 N Cicero Ave Chicago
- CO 1924 BROADWAY OAKLAND 12 CALLF
- Mfg Corp PO Box 641 Kane Pa mann Corp 12891 Mt Elliott Detroit 12
- Mich Mich Corp 12891 Mt Elliott Detroit 12 Mich REFLECTAL CORP SUBSID BORG-WAR-NER CORP 310 SO MICHIGAN AVE CHI-CAGO 4 ILL RUDIGER-LAND CO 2701 EIGHTH ST BERKELEY 10 CALIF Trimview Metal Prods 600 N Third St Covina Calif Wilson (L.S) Mfr. Co 7421 S Loomis Blvd

- Calif Vilson (L S) Mfg Co 7421 S Loomis Blvd Chicago 36 Ill Wil

#### WINDOW SCREENS, WOOD FRAME

- CARE ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA CONTINENTAL SCREEN CO 310 S MICHI-GAN AVE CHICAGO 4 ILL CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA Detion Corp Eleventing Fir Screen Fire

CLINTON IOWA Detien Corp Electrocuting Fly Screen Div Post Office Bldg Pleasant Yalley NY Farley & Loctacher Mfg Co Dubuque Iowa Goshen Sach & Door Co E Purl Göshen Ind Hurd Millwork Corp Medford Wis Ideal Co 24th & Mary Sts Waco Texas Kinzua Pine Mills Co Kinzua Ore LONG-BELL LBR CO 926-8 GRAND AVE KANSAS CITY 6 MO Marquart Millwork Co 50 Ceape St Ošhkosh Wis

Wis Morgan Sash & Door Co 2287 Blue Island Chicago 8 Ill National Screen Co Inc Madison Ave Extended Suffolk Va Rockwell of Randolph Inc Randolph Wis Rose (D M) & Co Rose Pl Knoxville 4 Tenn Schumacher (F E) Co 200 Mill St Hartville Obic

Segelke & Kohlhaus Co 600 S Second St La Croase Wis WABASH SCREEN DOOR CO 310 S MICHI-GAN AVE CHICAGO 4 1LL Winsulite Mfg Co The 725 N Central Ave Baltimore 2 Md

WINDOW SILLS & STOOLS,

Accurate Metal Weatherstrip Co 216 E 26th St New York 10 NY Actna Steel Prods Corp 730 Fifth Ave New

Actna steel Prods Corp 730 Fifth Ave New York 19 NY ALUMINUM CO OF AMERICA 1591 ALCOA BLDG PITTSBURGH 19 PA Blum (Julius) & Co Inc Carlstadt NJ Braun (J G) Co 537 W 35th St New York 1

NY BUILDERS MFG CO 528 N 37TH BOX 3007 BIRMINGHAM ALA Compo Miraele Prods Co 15221 W 11 Mile Rd Berkley Mich Croft Steel Prods Inc 10 Market St James-town NY

DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH Fentron Industries Inc 2801 Market St Seattle 7 Wash

7 Wash INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS Knapp Brothers Mfg Co 16 E 72nd St Cincin-nati 16 Ohio Mesker Broa Sixth Poplar & Seventh St Louis 2 Mo Metal Trims Inc PO Box 1072 Youngstown 1

THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA TRUSCON STEEL DIV REPUBLIC STEEL CORP. 1050 ALBERT ST YOUNGSTOWN

AMERICAN BUILDER

Ohio

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#### WINDOW SURROUNDS, STEEL

BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO BUILDERS MFG CO 528 N 37TH BOX 3007 BIRMINGHAM ALA

BINMINCHAM ALA Compo Miraele Prods Co 15221 W 11 Mile Rd Berkley Mich Croft Steel Prods Inc 10 Market St James-town NY DETROIT STEEL PRODS CO 2250 E GRAND

town NY DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH HOPE'S WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY Knapp Brothers Mfg Co 16 E 72nd St Cincin-

Knapp Brother nati 16 Ohio Mesker Bros Sixth Poplar & Seventh St Louis

2 Mo ONE-DER FRAME CORP 1232 N 37TH PL BIRMINGHAM 3 ALA Republic Steel Co 1750 Army St San Francisco Calif

Calif RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO

ROSSMOYNE OHIO HORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA THORN

## WINDOWS, AWNING, WOOD

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ANDERSEN CORP BAYPORT MINN ANDERSON (V E) MFG CO 1515 E 18TH ST OWENSBORO KY Angel Novelty Co 340 Broad St Fitchburg Mass Buckeye Window & Door Co 1378 S 22nd St Columbus & Obic

Columbus 6 Ohio Modernaire Corp 8400 Kinsman Rd Cleveland Ohio

CARR

A ODIO ARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE 10WA ole Mfg Co PO Box 2657 Memphis 2 Tenn URTIS CO INC 1200 S SECOND AVE CLINTON 10WA CURTIS

Dyke Brothers 309 Center Little Rock Ark FABROW MFG CO INC 7208 DOUGLAS RD TOLEDO OHIO Farles 4

arley & Loetscher Mfg Co Dubuque Iowa ox Bros Mfg Co 2717 Sidney St St Louis 4

Mo GATE CITY SASH & DOOR CO 15 SW THIRD AVE FT LAUDERDALE FLA Greeg & Son Inc 21-31 Blandin Ave Framing-

AVE FT LAUDERDALE FLA Gregg & Son Inc 21-31 Blandin Ave Framing-ham Mass Hurd Millwork Corp Medford Wis Ideal Co 24th & Mary Sts Waco Texas LONG-BELL LBR CO 926-8 GRAND AVE KANSAS CITY 6 MO LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA ONTO AFG CO 35 ELLIOTT ST MALTA OHIO MOYEM Co 520 Oregon St Oubloch Wis

Morgan Co 520 Oregon St Oshkosh Wis Ohio Plate Glass Co 305 Morris St Toledo 4

Ohio Ohio R O W SALES CO 1365 ACADEMY FERN-DALE 29 MICH Rock Island Millwork Co 2525 Fourth Ave Rock Island II

Rock Island III Rockwell of Randolph Inc Randolph Wis ROLSCREEN CO MAIN ST PELLA IOWA Segelke & Kohlhaus Co 600 S Second St La Crosse Wis SLICREST CO 100 THOMAS ST WAUSAU WIS

WIS

WIS Solar Air-Flo Inc 600 E Purl St Goshen Ind WADSWORTH HOMES INC 2949 CHRYSLER RD KANSAS CITY KANS Wadsworth Redwood Panel Windows 121 W Walnut Wadsworth Ohio Williams Prods Co Inc 6127 Cedar Ave Phila-

WOODCO CORP BOX 31 NORTH BERGEN

#### WINDOWS, BASEMENT, ALUMINUM

Adams Co PO Box 268 Dubuque Iowa Alcasco Prods Inc 1780 Creston St Muskegon

Alcasco Prods Inc 1780 Creston St Muskegon Mich ALDA MFG CO CHERRY & JAMES STS EAST HARTFORD CONN ALWINTITE DIV GENERAL BRONZE CORP STEWART AVE GARDEN CITY NY Cincinnait Fly Screen Div Union Commerce Bidg Cleveland Ohio CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO Croft Steel Prods Inc 10 Market St Jamestown NY Feather-Lite Mfg Co 15889 Schaefer Detroit

NY Feather-Lite Mfg Co 15889 Schaefer Detroit 27 Mich Fentron Industries Inc 2801 Market St Se-

Mich Iron Industries Inc 2801 Market St Se-tle 7 Wash attle Gabriel

12 Mich Ks ufmann Corp 12891 Mt Elliott Detroit 12

Mich Mich KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE IIL LUDMAN CORP 15100 BISCAYNE BLVD NORTH MIAMI FLA

MUELLER BRASS CO 1925 LAPEER AVE PORT HURON MICH NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO SOUTHERN SASH SALES & SUPPLY CO 818 207H ST SHEFFIELD ALA THORN (J S) CO 8500 HEGERMAN ST

HORN (J S) CO 8501 HEGERMAN ST PHLLADELPHIA 36 PA alley Metal Prods Co Bridge St Plainwell

WARE LABS INC 3700 NW 25TH ST MIAMI FLA

Windalume Corp Route 46 Kenvil NJ

#### WINDOWS, BASEMENT, WOOD

ANDERSEN CORP BAYPORT MINN

AREL Novelty Co 340 Broad St Fitchburg Mass ARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE 10WA IRTIS COS INC 1280 S CARR

CURTIS CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA ETLING WINDOW BARBERTON OHIO Farley & Loetscher Mfg Co Dubuque Iowa Goshen Sash & Door Co E Purl Goshen Ind Gregg & Son Inc 21-31 Blandin Ave Framing-hene Merc

ham Mass Hurd Millwork Corp Medford Wis Kinzua Pine Mills Co Kinzua Ore LONG-BELL LBR CO 925-8 GRAND AVE KANSAS CITY 6 MO Long Lake Lbr Co Spokane Wash LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA Warquart Millwork Co 50 Ceape St Oshkosh Wis

Wis Cole Mfg Co PO Box 2657 Memphis 2 Tenn Huttig Mfg Co Muscatine Iowa Morgan Co 520 Oregon St Oshkosh Wis MORGAN-WICHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO Northern Sash & Door Co Hawkins Wis Northwest Door Co PO Box 1477 Tacoma 1 Wosh

Wash Pacific Mutual Door Co Tacoma Bjdg Tacoma Wash Wash Wash Wush WUSSER CO MUSCATINE IOWA

Wash ROACH & MUSSER CO MUSCATINE 10WA Rock Island III Rock Island III Rock Weil of Randolph Ine Randolph Wis ROLSCREEN CO MAIN ST PELLA 10WA Segelke & Kohlhaus Co 600 S Second St La

Wis SILCREST CO 100 THOMAS ST WAUSAU

WIS WABASH SCREEN DOOR CO 310 S MICHI-GAN AVE CHICAGO 4 ILL White Pine Sash Co E 4005 Broadway Spo-

WOODCO CORP BOX 31 NORTH BERGEN

#### WINDOWS, BASEMENT & UTILITY, STEEL

Adams Co PO Box 268 Dubuque Iowa Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO

SPRINGFIELD OHIO CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL Cincinnati Fly Screen Div Union Commerce Bldg Cleveland Ohio Clay Equipment Corp 23 Builder St Cedar

Clay Falls

Falls lowa Falls lowa CLEVELAND STEEL SPECIALTY CO 3779 E 91ST ST CLEVELAND 5 OHIO... Copeo Steel & Engr Co 14035 Grand River Ave Detroit 27 Mich Croft Steel Prods Inc 10 Market St James-town NY

Croft Steel Prods ine 10 Market St James-tawn NY EEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO Federal Windows Inc PO Box 60 Waukesha Wis

Wi

W18 FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 24 PA Gabriel Steel Co 13700 Sherwood St Detroit PHILADELFHIA 24 FA Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich H & R MFG CO 20080 ST CLAIR CLEVE-LAND 17 OHIO HOPE'S WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL MAJECTIC CO INC HALL ST HUNTINGTON IND

IND

Bros Sixth Poplar & Seventh St Louis Mesk Mo

dern Stainless Specialties Div Blue M Elec-ric Co 138th & Chatham St Blue Island Ill M

NEW MONARCH MACHINE & STAMPING CO 406 SW NINTH ST DES MOINES 9 IOWA Republic Steel Co 1750 Army St San Fran-cisco Calif

RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO C.

ule Steel Co 1750 Army St San Francisco 24 Calif

24 Calif STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

OHIO UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO # ILL VENTO STEEL PRODS CO INC 250 COLO-RADO AVE BUFFALO 15 NY

#### WINDOWS, CASEMENT, ALUMINUM

A B C Steel Equipment Co 211 E 22nd St New York NY A B C Steel Equipment Co 17th & First Ave Tampa 5 Fla

Alcasco Prods Inc 1780 Creston St Muskegon Mich

Mich All-Lite Metal Window Co Box 11 Bristol Pa Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich ALUMATIC CORP OF AMERICA 2717 S 487 ST MILWAUKEE 14 WIS Dura-Lite Window Co Carr St Box 10021 Knoxville Tenn

Knoxville Tenn ALUMINUM PRODS CO 1901 FRANKLIN AVE HOUSTON TEXAS CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL Cincinnati Fly Screen Div Union Commerce Bldg Cleveland Ohio Croft Steel Prods Inc 10 Market St Jamestown NV

DIBBS PRODS INC PO BOX 5478 TAMPA

Eagle-Picher Co American Bldg Cincinnati 1

Flour City Ornamental Iron Co 2635 27th Ave S Minneapolis 6 Minn FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 24 PA Folmar (R H) Co 205 E Riverside Dr Austin Texas City Ornamental Iron Co 2635 27th Ave

Texas GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY Holister Coil Spring Mfg Co Avalon & Flor-ence Los Angeles Calif Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo Macco Corp 1345 Henry St Huntington Ind Marmet Corp PO Box 208 Wausau Wis Mesker Bros Sixth Poplar & Seventh St Louis 2 Mo

Messer Bros Sixth Poplar & Seventh St Louis 2 Mo MUELLER BRASS CO 1925 LAPEER AVE PORT HURON MICH NATIONAL ALUMINUM CO 1133 ALUM CREEK DR @OLUMBUS OHIO Orange Div Eagle-Picher Co American Bldg Cincinnati Ohio PER-FIT PRODS CORP 1200 E 52ND ST INDIANAPOLIS IND REYNOLDS METALS CO BLDG PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY Safety Window Hdwe Corp 121-127 30th St Brooklyn 32 NY Soule Steel Co 1750 Army St San Francisco 24 Calif

Soule Steel Co 1750 Army St San Francisco 24 Calif SOUTHERN SASH SALES & SUPPLY CO 918 20TH ST SHEFFIELD ALA STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO Storms (Albert) & Co 101 Park Ave New York 17 NY Superior Window Co 5300 NW 37th Ave Miami Fla THORN (J 8) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA Timm Industries Inc 5245 San Fernando Los Angeles 39 Calif Trim-Set Corp 2801 Market St Seattle 7 Wash Trimview Metal Prods 600 N Third St Covina Calif

Calif TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO UNIVERSAL CORP 6710 DENTON DR DAL-

Universal Window Co 950 Parker St Berkeley V-Seal Corp 1300 Batawia Rd Royal Oak Mich Valley Metal Prods Co Bridge St Plainwell Mich

Mich WAGNER IRON WORKS 1905 S FIRST ST MILWAUKEE 1 WIS WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA

WINDOWS, CASEMENT, STEEL

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich Hazel Park Mich AYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO

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Calif

10 V-Se

BAYLEY

r-Lite Mfg Co 15889 Schaefer Detroit Mich Mich ron Industries Inc 2801 Market St Seattle

FLA

oh eath 27 Ohio

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p.

CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL Challenger Prods Inc Hammond & Gregg St

Challenger

Challenger Prods Inc Hammond & Gregg St Carnegie Pa Cincinnati Fly Screen Div Union Commerce Bildg Cleveland Ohio Copco Steel & Engr Co 14035 Grand River Ave Detroit 27 Mich Croft Steel Prods Inc 10 Market St James-town NY DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md

Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md ws Inc PO Box 60 Waukesha Wis Fentron Industries Inc 2801 Market St Seattle 7 Wash FLYNN MEG CO 700

7 Wash FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 24 PA HOPE'S WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY International Steel Co 1321 Edgar St Evans-ville 7 Ind Mesker Bros Sixth Poplar & Seventh St Louis

2 Mo.

2 Mo 2 Mo 2 Mo Mesker (George L) Steel Corp 400 NW First St Evansville & Ind MICHEL & PFEFFER IRON WORKS INC 212 SHAW RD SAN FRANCISCO CALLF ONE-DER FRAME CORP 1232 N 37TH PL BIRMINGHAM 3 ALA Republic Steel Co 1750 Army St San Fran-cisco Calif RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO Safety Window Hdwe Corp 121-127 30th St Brooklyn 32 NY Soule Steel Co 1750 Army St San Francisco 24 Calif

Soule Steel Co 1750 Army St San Francisco 24 Calif Steel Window Prods Co 550 Nassau Rd Roose-velt LI NY STEELCRAFT MFG CO 9617 BLUE ASH RD ROSSMOYNE OHIO THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1

OHIO

OHIO VENTO STEEL PRODS CO INC 250 COLO-RADO AVE BUFFALO 15 NY Williams & Williams Prods Corp 326-28 E 44th St New York 17 NY

#### WINDOWS, CASEMENT, WOOD

American Sash & Door Co 16th & Belle-fontaine Kanasa City 1 Mo ANDERSEN CORP BAYPORT MINN BROWN-GRAVES CO 191 E MILLER AVE AKRON 1 OHIO CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE 10WA Cole Mfg Co PO Box 2557 Memphis 2 Tenn CURTIS COS INC 1200 S SECOND AVE CLINTON 10WA Farley & Loctacher Mfg Co Dubuque Iowa Goshen Sash & Door Co E Purl Goshen Ind Gregg & Son Inc 21-31 Blandin Ave Framing-ham Mass

Goshen Gregg & Son Mass

ham Maas Edward Hines Lbr Co 77 W Washington St Chicago 2 Ill Hurd Millwork Corp Medford Wis Huttig Mfg Co Muscatine Jowa Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo Ideal Co 24th & Mary Sts Waco Texas Kinaua Pine Mills Co Kinzus Ore

LONG-BELL LBR CO 926-8 GRAND AVE KANSAS CITY 6 MO

LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA Marquart Millwork Co 50 Ceape St Oshkosh Wis

Wis Morgan Co 520 Oregon St Oshkosh Wis Morgan Sash & Door Co 2287 Blue Island Chicago 8 III Northern Sash & Door Co Hawkins Wis Northwest Door Co PO Box 1477 Tacoma 1 Wash Pacific Meteric D

Pacific Mutual Door Co Tacoma Bldg Tacoma

Wash Pullum Window Corp 12950 Lyndon Ave De-troit 27 Mich

ROACH & MUSSER CO MUSCATINE IOWA Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill Rockwell of Randolph Inc Randolph Wis

ROLSCREEN CO MAIN ST PELLA IOWA Segelke & Kohihaus Co 600 S Second St La egelke & K Crosse Wis

SILCREST CO 100 THOMAS ST WAUSAU WTS

W15 Snedaker (Frank C) & Co Inc 3531 N Ninth St Philadelphia 40 Pa Spokane Sash & Door Co PO Box Spokane Wash

WADSWORTH HOMES INC 2949 CHRYSLER RD KANSAS CITY KANS Wadsworth Redwood Panel Windows 121 W Walnut Wadsworth Ohio White Pine Sash Co 4005 E Broadway Spokane Wash

WOODCO CORP BOX 31 NORTH BERGEN

#### WINDOWS, COMBINATION SCREEN & STORM SASH. ALUMINUM

Adams Co PO Box 268 Dubuque Iowa ALDA MFG CO CHERRY & JAMES STS EAST HARTFORD CONN Allied Metal Inc 14 Hamilton St New London

Conn Alaco Inc 260 S Forge Box 270 Akron 8 Ohio Alto Mfg Co 1647 W Wolfram Chicago 13 III ALUMATIC CORP OF AMERICA 2717 S 48TH ST MILWAUKEE 14 WIS ALWINTITE DIV CENERAL BRONZE CORP STEWART AVE GARDEN CITY NY ANDERSON (V E) MFG CO 1515 E 18TH ST OWENSBORO KY Angel Novelty Co 340 Broad St Fitchburg Mass B & W Enterprises 3521 Sweetwood St Houston 19 Tevas B &

B & W Enterprises was 19 19 Texas Barnhart (A W) Co 140 Highland St Port Chester NY

Barnhart (A W) Co 140 Engineers of Chester NY Buckeye Window & Door Co 1378 S 22nd St Columbus 6 Ohio Carey-McFall Co 2156 E Dauphin St Philadel-phia 25 Pa Challenger Prods Inc Hammond & Gregg Sts

Challenger Prods Inc Hammond & Gregg Sts Carnegie Pa CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH Cincinnati Fly Screen Div Union Commerce Bldg Cleveland Ohio Clark Babbitt Industries 75 Federal Boston 10

Clark Babbitt industries to Force Mass Mass Compo Miracle Prods Co 15221 W 11 Mile Rd Berkeley Mich CONTINENTAL SCREEN CO 310 S MICHI-GAN AVE CHICAGO 4 ILL Diamond Building Prods Corp 3650 E 93rd St Clausland Obio

Eagle-Picher Co American Bldg Cincinnati 1

Earle-Picher Co American Bidg Cincinnati 1 Ohio Feather-Lite Mfg Co 15889 Schaefer Detroit 27 Mich Hess Mfg Co Quincy Pa Holister Coll Spring Mfg Co Avalon & Florence Los Angeles Calf & Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo Kaufmann Corp 12891 Mt Elliott Detroit 12 Mich

Mich KOTA PRODS INC ROUTE 25A ROCKY POINT LI NY McKinley (Orman O) Co 4530 N Keystone Ave Indianapolis 5 Ind Metalcraft Screen Co 1171 Tremont St Boston

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20 Mass MUELLER BRASS CO 1925 LAPEER AVE PORT HURON MICH NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO

Orange Div Eagle-Picher Co American Bldg Cincinnati Ohio Rex Windows Inc 515 Bonham Ave Columbus

Cincunation Rex Windows Inc and RUSSELL (F C) CO 1100 CHESTER Ac-CLEVELAND 1 OHIO Samson Prods Co 3219 Armitage Ave Chicago 47 Ill Samson & Fabricated Metals Corp 3323 Pat-Samson & Fabricated Metals Corp 3323 Pat-Co 385 Midland De-47 III Sereens & Fabricated Metals Corp 3323 Pat-erson Rd North Bergen NJ Security Sash & Screen Co 385 Midland De-troit 3 Mich Spanjers (A J) Co 5800 N Lilac Dr Minne-apolia Minn Steel Window Products Co 550 Nassau Rd Roosevolt LI NY THORN (J S) CO 8501 HEGERMAN ST

Roosevelt LI NY THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 56 PA V-Seal Corp 1300 Batavia Rd Royal Oak Mich WABASH SCREEN DOOR CO 310 S MICHI-GAN AVE CHICAGO 4 ILL Wagner Awning & Mfg Co 2658 Scranton Rd Cleveland 1 Ohio

WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA Weather-Proof Co 1409 E 40th St Cleveland 3 Ohio

Winstrom Mfg Corp 15-32 127th St College Point NY Winsulite Mfg Co The 725 N Central Ave Baltimore 2 Md

WINTER SEAL CORP 14575 MEYERS RD DETROIT 27 MICH WOODCO CORP BOX 31 NORTH BERGEN

#### WINDOWS, COMBINATION SCREEN & STORM SASH, STEEL

Adams Co PO Box 268 Dubuque Iowa Barnhart (A W) Co 140 Highland St Port Chester NY

Chester NY CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH Cincinnati Fly Screen Div Union Commerce Bidg Cleveland Ohio Compo Miracle Prods Co 15221 W 11 Mile Rd Berkley Mich Diamond Building Prods Corp 3650 E 93rd St Cleveland Ohio Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 1 Md

GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY Kane Mfg Corp PO Box 641 Kane Pa Kaufmann Corp 12891 Mt Elliott Detroit 12

Mich Michel & PFEFFER IRON WORKS INC 212 SHAW RD SAN FRANCISCO CALIF RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO

CLEVELAND 1 OHIO State Storm Windows Co Inc 131 Shonnard St Syracuse NY TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

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#### WINDOWS, COMBINATION SCREEN & STORM SASH, WOOD

ANDERSEN CORP BAYPORT MINN ANDERSON (V E) MFG CO 1515 E 18TH ST OWENSBORO KY Anson & Gilkey Co Merrill Wis BROWN-GRAVES CO 191 E MILLER AVE AKRON 1 OHIO Buckeye Window & Door Co 1378 S 22nd St

Ohie

Columbus 6 Ohio CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA CONTINENTAL SCREEN CO 310 S MCHI-GAN AVE CHICAGO 4 ILL CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA Farley & Loctscher Mfg Co Dubuque Iowa Goshen Sash & Door Co E Puri Goshen Ind Gregg & Son Inc 21-31 Blandin Ave Framing-ham Mass

Greeg & Son Inc 2105 ham Maas Hurd Millwork Corp Medford Wis Huttig Mfg Co Muscathne Iowa Ideal Co 24th & Mary Sts Waco Texas JAMAICA SASH & DOOR CO 120 OLD BROADWAY NEW HYDE PARK NY Marquart Millwork Co 50 Ceape St Oshkosh Wia

W18 Phenix Mfg Co 4129 N Port Washington Mik-waukee 12 Wis Prentice (F W) & Co 430 N Dean St. Adrian Mich

Roberson (A) & Son Inc PO Box 111 Bingham-

Segelke & Kohlhaus Co 600 S Second St La

SILCREST CO 100 THOMAS ST WAUSAU

WIS WABASH SCREEN DOOR CO 310 S MICHI-GAN AVE CHICAGO 4 ILL Window Conditioning Co 32 Brown St Barber-

WOODCO CORP BOX 31 NORTH BERGEN

Adams & Westlake Co Safford St Elkhart Ind ALDA MFG CO CHERRY & JAMES STS EAST HARTFORD CONN LIST HARTORD CORP 270 Akron 8 Ohio LTEX MFG CO INC 125 INDUSTRIAL RD SUMMERVILLE SC Itex Engineering Co 125 Industrial Rd Sum-

Altex Engineering Co 125 Industrial Rd Sum-merville SC ALUMATIC CORP OF AMERICA 2717 S 487H ST MILWAUKEE 14 WIS ALUMINUM PRODS CO 1901 FRANKLIN AVE HOUSTON TEXAS ALWINTITE DIV GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY CECO STEEL PRODS CORP 5601 W 267H ST CHICAGO 50 ILL Cincinnati Fly Screen Div Union Commerce Bldg Cleveland Ohio Clark Babbitt ndustries 75 Federal Boston 10 Mass

Clark Babbit ndustries 75 Federal Boston 10 Mass Compo Miracle Prods Co 15221 W 11 Mile Rd Berkley Mich Cupples Prods Corp 2650 S Hanley Rd St Louis 17 Mo DEVAC INC 5901 WAYZATA BLVD MINNE-APOLIS MINN FLEET OF AMERICA INC 515 NEW WAL-DEN AVE BUFFALO 25 NY Flour City Ornamental Iron Co 2635 27th Ave S Minneapolis & Minn FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 24 PA Gall Reversible Window Co Aurora & Cannon Rd Bedford Ohio GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY Holister Coil Spring Mfg Co Avalon & Flor-ence Los Angeles Calif Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo Kaufmann Corp 12801 Mt Elliott Detroit 12 Mich

Mich KOTA PRODS INC ROUTE 25A ROCKY POINT LI.NY Metal Arta Mfg Co Inc Harwell & Oakcliff Atlanta Ga MUELLER BRASS CO 1925 LAPEER AVE PORT HURON MICH

AMERICAN BUILDER

WINDOWS, DOUBLE-HUNG,

n NY kwell of Randolph Inc Randolph Wis umacher (F E) Co 200 Mill St Hartville

ton NY

ALUMINUM

Ohio

ALTEX

Mass

Mich

NATIONAL ALUMINUM CO CREEK DR COLUMBUS OHIO 1133 ALTM

NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO
Paramount Aluminum Prode Corp Broad Holow R Farmingedie LI NY
Pennayivania Wire Glass Co 1612 Market St Philadelphia 3 Pa
PER-FIT PRODS CORP 1200 E 52ND ST INDIANAPOLIS 5 IND
Pomeroy (S H) Co Inc 25 Bruckner Blvd New York 54 NY
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
Safety Window Hdwe Corp 121-127 30th St Brooking 32 NY
SOUTHERN SASH SALES & SUPPLY CO 818 20TH ST SHEFFIELD ALA
STEELCRAFT MFG CO 9017 BLUE ASH RD ROSMOYNE OHIO
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHILA 56 PA
Windoume Corp Route 46 Kenvil NJ
Windou Corp of America 3835 Ninth St New York 34 NY
Wisco Aluminum Corp 3945 A St Detroit Mich

#### WINDOWS, DOUBLE-HUNG, STEEL

Cincinnati Fly Screen Div Union Commerce Bldg Cleveland Ohio Bidg Cleveland Unio Dietrich Bros Inc 2700 Loch Raven Rd Balti-more 18 Md

more 18 Md Pomeroy (S H) Co Inc 25 Bruckner Blvd New York 54 NY RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO Steel Window Proda Co 550 Nassau Rd Roose-velt LI NY THORN (J S) CO 8801 HEGERMAN ST

velt LI NY THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

#### WINDOWS, DOUBLE-HUNG, WOOD

Ace Seal Rite Mfg Co 26015 W Warren Rd Garden City Mich Acme Tile & Flooring Co 159 Water St New Haven Conn American Sash & Door Co 16th & Bellefon-taine Kansaa City 1 Mo ANDERSEN CORP BAYPORT MINN ANDERSEN CORP BAYPORT MINN ANDERSON (V E) MFG CO 1515 E 18TH ST OWENSBORO KY Anson & Gilkey Co Merrill Wis Bache (Semon) & Co 636 Greenwich St New York 14 NY Buckeye Window & Door Co 1378 S 22nd St Columbus 6 Ohio

Cole Mg Window & Door Co 1378 S 22nd St Columbus 6 Ohio CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE 10WA Cole Mg Co PO Box 2657 Memphis 2 Tenn CURTIS COS INC 1290 SO SECOND AVE CLINTON 10WA Dierks Forests Inc 700 Dierks Bldg Kansas City 6 MinDoWS 14 HUSTON ST BAR-BERTON OHIO FABROW MFG CO INC 7208 DOUGLAS RD TOLEDO OHIO

FOLEDO OHIO Farley & Loctacher Mfg Co Dubuque Iowa GENERAL WOODCRAFT CO INC 3323 PAT-ERSON RD NORTH BERGEN NJ Goshen Sash & Door Co E Purl Goshen Ind Gregg & Son Inc 21-31 Blandin Ave Framing-ham Mass

Edward Hines Lbr Co 77 W Washington St

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Edward Hines Lbr Co 77 W Washington St Chicago 2 Ill Hurd Millwork Corp Medford Wis Huttig Mfg Co Muscatine Iowa Huttig Mfg Co Muscatine Iowa Huttig Sash & Door Co 1206S Vanderventer St Louis 10 Mo Hyde-Murphy Co Murphy Bidg Ridgway Pa Ideal Co 24th & Mary Sta Waco Texas Kinzua Pine Mills Co Kinzua Ore Letraco Building Prods 8 Broadway New York Letraco Wood Prods PO Der 328 Bernards

Lockwood Wood Prods PO Box 338 Beaverton

Ore LONG-BELL LBR CO 926-8 GRAND AVE KANSAS CITY 6 MO

MALTA MFG CO 35 ELLIOTT ST MALTA OHIO

Marquart Millwork Co 50 Ceape St Oshkosh Wis Midy

st Jobbers Inc 3300-08 S Racine Chicago 3 111

8 III Missoula White Pine Sasn Co Missoula Mont Morgan Co 520 Oregon St Oshkosh Wis Morgan Sash & Door Co 2287 Blue Island Chi-cago 8 Ill Cago 8 Ill Children Supply CO 1541

Cago 8 III MORGAN-WIGHTMAN SUPPLY CO. 1541 SALZMAN ST LOUIS MO Northern Sash & Door Co Hawkins Wis Pacific Mig Co 2610 The Alameda Santa Clara

Canir Pacific Mutual Door Co Tacoma Bldg Tacoma Wash

R O W SALES CO 1365 ACADEMY FERN-DALE 20 MICH ROACH & MUSSER CO MUSCATINE IOWA Roberson (A) & Son Inc PO Box 111 Bing-hamton NY

hamton NY Rock Island Millwork Co 2525 Fourth Ave Rock Island III Rockwell of Randolph Inc Randolph Wis Rose (D M) & Co Rose PI Knoxville 4 Tenn Safety Window Hdwe Corp 121-127 30th St Brooklyn 32 NY Segelke & Kohlhaus Co 600 S Second St La

Brooklyn & Kohlhaus Co 600 S See Crosse Wis Semling-Menke Co S Nast St Merr SILCREST CO 100 THOMAS ST St Merrill Wis

WIS Snedaker (Frank C) & Co Inc 3531 N Ninth St Philadelphia 40 Pa Southern Mill & Mfg Co PO Box 1087 Tulsa 1

Okla Templeton (Herbert A) Lbr Co 807 Terminal Salea Bidg Portland 5 Ore WADSWORTH HOMES INC 2949 CHRYSLER RD KANSAS CITY KANS Western Pine Mfg Co 315 E Jackson St Spo-kane 7 Wash

White Pine Sash Co E 4005 Broadway Spokane

Wash Williams Prods Co Inc 6127 Cedar Ave Phila-

delphia 43 Pa WOODCO CORP BOX 31 NORTH BERGEN

#### WINDOWS, HOPPER, VENT, **ALUMINUM & STEEL**

Altex Engr Co 125 Industrial Rd Summerville

SC ALWINTITE DIV GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY Arnold Prods Sales Corp 6721 NW 36th St

Miami 38 Fla Miami 38 Fia Brown & Grist Inc 25 Tyler Ave Warwick Va CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL DIBBS PRODS INC PO BOX 5478 TAMPA

FLA Federal Windows Inc PO Box 60 Waukesha Wis

Folmar (R H) Co 205 E Riverside Dr Austin

Folmar (R H) Co 205 E Riverside Dr Austin Texas Huttig Sash & Door Co 1206S Vanderventer St Louis 10 Mo PER-FIT PROBS CORP 1200 E 52ND ST IN-DIANAPOLIS IND RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO SOUTHERN SASH SALES & SUPPLY CO 818 20TH ST SHEFFIELD ALA Trim-Set Corp 2801 Market St Seattle 7 Wash TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 AHIO Tru-Seal Window Div Industrial Machine Tool

AHIO Tru-Seal Window Div Industrial Machine Tool Co 301 & Oak St Fenton Mich Tyra (R K) Co Highway 61 Tyra Minn Universal Window Co 950 Parker St Berkeley

10 Calif V-Seal Corp 1300 Batavia Rd Royal Oak Mich Valley Metal Prods Co Bridge St Plainwell

WARE LABORATORIES INC 3700 N W 25TH

ST MIAMI FLA Vinco Ventilator Co 533 Bittner St St Louis Winco 15 Mo

#### WINDOWS, HOPPER VENT, WOOD

ANDERSEN CORP BAYPORT MINN Angel Novelty Co 340 Broad St Fitchburg Mass Modernaire Corp 8400 Kinsman Rd Cleveland

Modernaire Corp 8400 Kinsman Ra Cleveland 4 Ohio Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo Ideal Co 24th & Mary Sts Waco Texas LUMBER FABRICATORS INC FT PAYNE

arquart Millwork Co 55 Ceape St Oahkosh Wis Mo

Wis Morgan Co 520 Oregon St Oshkosh Wis Morgan Sash and Door Co 2287 Blue Island Chicago 8 III ROLSCREEN CO MAIN ST PELLA IOWA SILCREEN CO MAIN ST PELLA IOWA WIS Solar Ali-Fib. Jac 600 THOMAS ST WAUSAU

Air-Flo Inc 600 E Purl St Goshen Ind w Conditioning Co 32 Brown St Barber-

Solar Air-Flo Inc 600 E Purl St Goshen Ind Window Conditioning Co 32 Brown St Barber-ton Ohio WOODCO CORP BOX 31 NORTH BERGEN

#### WINDOWS, HORIZONTAL GLIDING, METAL

Alcasco Prods Inc 1780 Creston St Muskegon

Mich ALDA MFG CO CHERRY & JAMES STS EAST HARTFORD CONN ALWINTITE DIV GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY

ARCADIA METAL PRODS 324 N SECOND AVE ARCADIA CALIF Cincinnati Fly Screen Div Union Commerce Bldg Cieveland Ohio Copco Steel & Engr Co 14035 Grand River Ave Detroit 27 Mich Croft Steel Prods Inc 10 Market St Jamestown

Eagle-Picher Co American Bldg Cincinnati 1

ETLING WINDOWS BARBERTON OHIO Feather-Lite Mfg Co 15889 Schaefer Detroit

Mich

27 Mich ang Co Josof Jelastic Dettoin FLEET OF AMERICA INC 515 NEW WAL-DEN AVE BUFFALO 25 NY GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY Glide Windows Inc 7463 Varna Ave North Hollywood Calif HORIZON DOOR CO INC 1426 FLOWER ST GLENDALE CALIF Kenarobe Corp 18425 Parthenia St Northridge Calif

Glide Holly

Calif KEWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL KOTA PRODS INC ROUTE 25 A ROCKY POINT LI NY Metal Arts Mfg Co Inc Harwell & Oakcliff At-lanta Ga Metal Trims Inc PO Box 1072 Youngstown 1

Metal Trims Inc PO Box 1072 Youngstown 1 Ohio MICHEL & PFEFFER IRON WORKS INC 212 SHAW RD SAN FRANCISCO CALIF NUDOR MFG CORP 7326 FULTON AVE NORTH HOLLYWOOD CALIF Orange Div of Eagle-Picher Co American Bidg Cincinnati Ohio PANAVIEW 13434 RAYMER ST NORTH HOLLYWOOD CALIF PER-FIT PRODS CORP 1200 E 52ND ST IN-DIANAPOLIS 5 IND PETERSON WINDOW CORP 1377 E 8-MILE RD FERNDALE 20 MICH REGULUX SASH & DOOR CO PO BOX 886 BELMONT CALIF RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO Slide-View Door & Window Co 521 N La-Cienega Blvd Los Angeles 48 Calif Steelbilt Inc 18001 S Figueroa Gardena Calif SUN VALLEY SLIDING DOOR CO 8354 SAN FERNANDO SUN VALLEY CALIF THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA Timm Industries Inc 5245 San Fernando Los Angeles 39 Calif Trimview Metal Prods 600 N Third St Covina Calif Vista Sliding Doors Inc 7052 Laurel Canyon

Calif Vista Sliding Doors Inc. 7052 Laurel Canyon North Hollywood Calif Vita Automatic Windows Inc 6530 Queens Blvd Woodnide LI NY Williams Prods Co Inc 6127 Cedar Ave Phila-delphia 43 Pa

ALLMETAL WEATHERSTRIP CO 2241 N KNOX AVE CHICAGO 39 ILL ANDERSEN CORP BAYPORT MINN ANDERSON (V E) MFG CO 1515 E 18TH ST ST OWENSBORO KY Goshen Sash & Door Co E Purl Goshen Ind Hurd Milwork Corp Medford Wis Kenarobe Corp 18425 Parthenia St Northridge Calif

Calif Calif Kinzus Pine Mills Co Kinzua Ore PIERSON (ERNEST) CO 4100 BROADWAY EUREKA CALIF Pullum Window Corp 12950 Lyndon Ave De-troit 27 Mich R O W SALES CO 1365 ACADEMY FERN-DALE 20 MICH Rock Island Millwork Co 2525 Fourth Ave Rock Island Fourth Ave Rock I

WIS Spokane Sash & Door Co PO Box Spokane Wash Wadsworth Redwood Panel Windows 121 W Walnut Wadsworth Ohio Western Pine Mfg Co 315 E Jackson St Spo-kane 7 Wash White Pine Sash Co 4005 E Broadway Spo-kane Wash

kane Wash WOODCO CORP BOX 31 NORTH BERGEN

A B C Steel Equipment Co 211 E 22nd St New York NY A B C Steel Equipment Co 17th & First Ave Tampa 5 Fla Adams & P O Box 268 Dubuque Iowa Adams & Westlake Co Safford St Elkhart Ind

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WINDOWS, JALOUSIE

WINDOWS, PIVOTED &

**PROJECTED ALUMINUM** 

(See Jalousies)

WINDOWS, HORIZONTAL

GLIDING, WOOD

Calif

Calif

ALTEX MFG CO INC 125 INDUSTRIAL RD SUMMERVILLE SC DIBBS PRODS INC PO BOX 5478 TAMPA

FLA Dura-Lite Window Co Carr St Box 10021 ill.

Knoxville Tenn BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL

Cupples Prods Corp 2650 S Hanley Rd St Louis

De itur Iron & Steel Co Second St W Decatur

Decatur Iron Ala Feather-Lite Mfg Co 15889 Scnaes. 27 Mich Federal Windows Inc PO Box 60 Waukesha 2601 Market St Seattle

7 Wash Flour City Ornamental Iron Co 2635 27th Ave So Minneapolls 6 Minn FLYNN MFG CO 700 E GODFREY AVE FHILADELPHILA 24 PA Folmar (R H) Co 205 E Riverside Dr Austin

Texas Gall P. Reversible Window Co Aurora & Cannon,

Gall Reversible Window Co Aurora and Reversible Window Co Aurora and Reversible Window Co Aurora and Reversible Composition of the Reversible Composition of

Mesker Bros Sixth Poplar & Seventh St. 2 Mo Republic Steel Co 1750 Army St San Fran-

cisco Calif SOUTHERN SASH SALES & SUPPLY CO 818 20TH ST SHEFFIELD ALA Storms (Albert) & Co 101 Park Ave New York 17 NY

17 NY Superior Window Co 5300 N W 37th Ave Mi-ami Fin THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA Timm Industries Inc 5248 San Fernando Los Angeles 39 Calif Universal Window Co 950 Parker St Berkeley 10 Calif Valley Metal Prods Co Bridge St Plainwell Mich

Mich WARE LABORATORIES INC 3700 NW 25TH

WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA Wincð Ventilator Co 533 Bittner St Sv Louis 15 Mo Wisconsin Face Brick & Supply Co 4485 N Green Bay Milwakee Wis

## WINDOWS, PIVOTED & PROJECTED, STEEL

Adams Co PO Box 268 Dubuque Iowa BAYLEY (WILLIAM) CO 1290 WARDER ST SPRINGFIELD OHIO Bogert & Carlough Co Washington Ave Pater-

son NJ CECO STEEL PRODS CORP 5601 W 26TM ST CHICAGO 50 1LL Copeo Steel & Engr Co 14035' Grand River Ave Detroit 27 Mich Deatur Iron & Steel Co Second St W De-catur Ala DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH Districh Bros Inc 2700 Loch Raven Rd Balti-more 18 Md

Fa deral Windows Inc PO Box 60 Waukesha

Wis Fentron Industries Inc 2801 Market St Seattle

Fentron industries inc 2001 Market St Seattle TWash FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 24 PA HOPE'S WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY International Steel Co 1321 Edgar St Evans-ville 7 Ind

ville 7 Ind Mesker Bros Sixth Poplar & Seventh St Louis 2 Mo

2 M. BISHEN FORMER BEFORE ALL DATA Mesker (George L.) Steel Corp 400 NW First St Evansville 8 Ind Miami Window Corp 5200 NW 37th Ave Miami Fia MICHEL & PFEFFER IRON WORKS INC 212 SHAW RD SAN FRANCISCO CALIF Morgan Sash & Door Co 2287 Blue Island Chiengo 8 III ONE-DER FRAME CORP 1232 N 37TH PL HIMMINGHAM 3 ALA DECULAR SASH & DOOR CO DO BOX see

REGULAR SASH & DOOR CO PO BOX 886 BELMONT CALIF Republic Steel Co 1750 Army St San Francisco

Calif Steel Co 1750 Army St San Francisco So

Soule Steel Co From Aring St. Sand Recose-24 Calif Steel Window Prods Co 550 Nassau Rd Roose-velt L I NY Stewart Iron Works Inc PO Box 1039 Cincin-nati 1 Ohio

nati i ODD THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1

OHIO VENTO STEEL PRODS CO INC 250 COLO-RADO AVE BUFFALO 15 NY

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#### WINDOWS, PIVOTED & PROJECTED, WOOD

arley & Loetscher Mfg Co Dubuque Iowa Iayman Window Co 4401 Race St Denver 16 Hove

Hayman window Co 4401 Race of Denser to Colo Hurd Millwork Corp Medford Wis Pacific Mutual Door Co Tacoma Bldg Tacoma Pacific Wash

Wash Rock Island Millwork Co 2525 Fourth Ave Rockwell of Randolph Inc Randolph Wis Segelke & Kohlhaus Co 600 S Second St La Crosse Wis SLCREST CO 100 THOMAS ST WAUSAU

WIS TRIANGLE ALUMINUM PRODS CO 3552 NW 50TH ST MIAMI FLA WOODCO CORP BOX 31 NORTH BERGEN

#### WINDOWS, PLASTIC, BASEMENT, BARN, CASEMENT, COMBINATION

CHEMOLD CO 2000 COLORADO AVE SANTA MONICA CALIF CORRULUX DIV L-O-F GLASS FIBERS CO PO BOX 20026 HOUSTON 6 TEXAS Durethene Corp 1859 S 55th Ave Chicago 50 Ill

Plyco Corp 54 American Ave Elkhart Lake

#### WINDOWS, SECURITY, STEEL

Adams Co PO Box 268 Dubuque Iowa BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINCFIELD OHIO CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL Copeo Steel & Engr Co 14035 Grand River Ave Detenit 27 Min-Co 14035 Grand River

ST CHICAGO 50 ILL Copeo Steel & Engr Co 14035 Grand River Ave Detroit 27 Mich Croft Steel Prods Ine 10 Market St James-town NY DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH Dietrich Broa Inc 2700 Loch Raven Rd Balti-mare 18 Md Federal Windows Ine PO Box 60 Waukesha Wia

Wis Fentron Industries Inc 2801 Market St Seattle FUYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 24 PA HOPE'S WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY International Steel Co 1321 Edgar St Evans-ville 7 Ind

International Steel Co 1321 Edgar St Evans-ville 7 Ind Mesker Bros Sixth Poplar & Seventh St Louis

Republic Steel Co 1750 Army St San Fran-

Republic Steel Co 1760 Arms Co cisco Calif THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN

VENTON

ENTON STEEL PRODS CO INC 250 COL-ORADO AVE BUFFALO 15 NY

#### WINDOWS, SINGLE-HUNG, ALUMINUM

ALUMINUM PRODS CO 1901 FRANKLIN AVE HOUSTON TEXAS Cupples Prods Co 2650 S Hanley Rd St Louis

17 Mo GENERAL BRONZE CORP STEWART AVE GARDEN CITY L I NY RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO

## WINDOWS, STORM, ALUMINUM

Adams Co PO Box 268 Dubuque Iowa All-Lite Metal Window Co Box 11 Bristol Pa All Weather Jalousies Inc State Highway 46 Teterboro NJ All Weathe Teterboro

Teterboro NJ Alsco Inc 260 S Forge Box 270 Akron 8 Ohio Alto Mfg Co 1647 W Wolfram Chicago 13 III ALWINTITE • DLV GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI

ANDERSON (V E) MFG CO 1515 E 18TH ST OWENSBORO KY

CHARDERSUN (V E) MFG CO 1515 E 18TH ST OWENSBORO KY
 B & W Enterprises 3521 Sweetwood St Hous-ten 19 Texas
 Barnhart (A W) Co 140 Highland St Port Chester Window & Door Co 1378 S 22nd St Columnus 6 Ohio
 Columnus 6 Ohio STEEL PRODS CORP 5601 W 26TH ST CHICAGO 59 ILL
 CHAMBERLIN CO OF AMERIA 1254 LA-ROSSE ST DETROIT 26 MICH Cincinnati Fly Screen Div Union Commerce Bidg Cleveland Ohio
 Compo Miracle Prods Co 15221 W 11 Mile Rd Berkeley Mich

Croft Steel Prods Inc 10 Market St James-town NY Eagle-Picher Co American Bldg Cincinnati

Eagle-Picher Co American Bidg Cincinnati I Ohio
 Feather-Lite Mfg Co 15889 Schaefer Detroit 27 Mich
 Hettrick (W E) & Son Co 3333 Maple Sta D Toledo 8 Ohio
 Kane Mfg Corp PO Box 641 Kane Pa
 Kaufmann Corp 12891 Mt Elliott Detroit 12

Kaufmann Corp 12891 Mt Elliott Detroit 12 Mich Mich POINT LI NY LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS OHIO Orange Div Engle-Picher Co American Bldg Cincinnati Ohio PER-FIT PRODS CORP 1200 E 52ND ST INDIANAPOLIS IND Rex Windows Inc 515 Bonham Ave Columbus 3 Ohio

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3 Ohio RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO Steel Window Prods Co 550 Nassau Rd Roose-velt LI NY STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA Universal Metal Prods Corp 4041 NW 26 St Miami Fla Ohi

Universal Metal Prods Corp 4041 NW 26 St Miami Fla Universal Fabricators 1785 1829 Boone Ave Universal Fabricators 1785 1829 Boone Ave New York 60 NY VULCAN METAL PRODS 2801 SIXTH AVE S BIRMINGHAM ALA Wagner Awning & Mfg Co 2658 Scranton Rd Cleveland 1 Ohio WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA Weather-Proof Co 1409 E 40th St Cleveland 3 Ohio

3 Obio Werner (R D) Co Inc 295 Fifth Ave New York 16 NY Wilson (L S) Mfg Co 7421 S Loomis Blvd Chicago 36 Ill Bultimore 2 Md WINTER SEAL CORP 14575 MEYERS RD DETROIT 27 MICH

DETROIT 27 MICH Wisco Aluminum Corp 3945 A St Detroit Mich WOODCO CORP BOX 31 NORTH BERGEN

Barnhart (A W) Co 140 Highland St Port Cheater NY CHAMBERLIN CO OF AMERICA 1254 LA-ROSSE ST DETROIT 26 MICH Cincinnati Fly Screen Div Union Commerce Bidg Cleveland Ohio Croft Steel Prods Inc 10 Market St James-town NY DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH Holister Coil Spring Mfg Co Avalon & Flor-ence Los Angeles Calif HOPE'S WINDOWS INC & HOPKINS AVE JAMESTOWN NY Kane Mfg Corp PO Box 641 Kane Pa KeWANEE MFG CO 1642 BURLINGTON AVE KEWANEE ILL NEW MONARCH MACHINE & STAMPING CO 406 SW NINTH ST DES MOINES 9 IOWA

IOWA RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO Steel Window Prods Co 550 Nassau Rd Roose-velt LI NY THORN (J S) CO 8501 HECEDULY

velt LI NY HORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA RUSCON STEEL DIV REPUBLIC STEEL CORP 1056 ALBERT ST YOUNGSTOWN 1

WINDOWS, STORM, WOOD

AKRON 1 OHIO

ANDERSON (V E) MFG CO 1515 E 18TH ST OWENSBORO KY Anson & Gilkey Co Merrill Wis BROWN-GRAVES CO 191 E MILLER AVE

BROWN-GRAVES CO 191 E MILLER AVE AKRON 1 OHIO Buckeye Window & Door Co 1378 S 22nd St Columbus 6 Ohio CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE 10WA Cole Mfg Co PO Box 2657 Memphis 2 Tenn CONTINENTAL SCREEN CO 310 S MICHI-GAN AVE CHICAGO 4 ILL CURTIS COS INC 1200 S SECOND AVE CLINTIN 10WA Goshen Sash & Door Co E Purl Goshen Ind Gregg & Son Inc 21-31 Blandin Ave Fram-ingham Mass Edward Hines Lbr Co 77 W Washington St Chicago 2 Ill

Goshen Sash & Door Co. Blandin Ave Fram-ingham Mass Edward Hines Lbr Co 77 W Washington St Chicago 2 Ill Hoosier Sash & Door Co Anderson Ind Hurtig Migr Co Muscatine Lowa Huttig Mfg Co Muscatine Lowa Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo

AMERICAN BUILDER

WINDOWS, STORM, STEEL Adams Co PO Box 268 Dubuque Iowa Barnhart (A W) Co 140 Highland St Port

Barnhart (A Chester NV

TRI CORP Kinzua Pine Mills Co Kinzua Ore LONG-BELL LBR CO 926-8 GRAND AVE KANSAS CITY 6 MO Marquart Millwork Co 50 Ceape St Oshkosh Wia

Marquart Millwork Co Do Cenpe et Osinavan Wis Missoula White Pine Sash Co Scott & Stod-dard Missoula Mont Morgan Co 520 Oregon St Oshkosh Wis Morgan Sash & Door Co 2287 Blue Island Chicago 8 Ill National Screen Co Inc Madison Ave Ex-tended Suffolk Va Nat'l Screen Door Mfg Co PO Box 1887 Montgomery 3 Ala Northers Sash & Door Co Hawkins Wis Northwest Door Co PO Box 1477 Tacoma 1 Wash

Wash fic Mutual Door Co Tacoma Bldg Tacoma

1 Wash Pacific Mutual Door Co Tacoma Bldg Tacoma Wash Phenix Mfg Co 4129 N Port Washington Mil-waukee 12 Wis Prentice (F W) & Co 430 N Dean St Adrian

Mich ROACH & MUSSER CO MUSCATINE IOWA Rock Island III Rock Island III Rockwell of Randolph Ine Randolph Wis Rose (D M) & Co Rose PI Knoxville 4 Tenn Schumacher (E E) Co 200 Hill St Hartville Obio

Ohio

Ohio Segelke & Kohlhaus Co 600 S Second St La Crosse Wis Semling-Menke Co S Nast St Merrill Wis SILCREST CO 100 THOMAS ST WAUSAU WIS

Spokane Sash & Door Co PO Box Spokane

Wash TRIANGLE ALUMINUM PRODS INC 3552 NW 50TH ST MIAMI FLA WABASH SCREEN DOOR CO 310 S MICH-IGAN AVE CHICAGO 4 ILL White Pine Sash Co E 4005 Broadway Spokane

Wash Window Conditioning Co 32 Brown St Bar-WOODCO CORP BOX 31 NORTH BERGEN

WINDOWS, WOOD, WITH LOUVRES BELOW

ANDERSON (V E) MFG CO 1515 E 18TH ST OWENSBORO KY CURTIS COS INC 1200 S SECOND AVE CLINTON 10WA Hurd Millwork Corp Medford Wis LUDMAN CORP 14100 BISCAYNE BLVD NORTH MIAMI FLA Marquart Millwork Co 50 Ceape St Oshkosh Wis

Wis Segelke & Kohlhaus Co 600 E Second St La Crosse Wis Solar Air-Flo Inc 600 E Purl St Goshen Ind TRIANGLE ALUMINUM PRODS INC 3552 NW 50TH ST MIAMI FLA Wadsworth Redwood Panel Windows 121 W Walnut Wadsworth Ohio

#### WIRE

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WIRE
Alabama Metal Lath Co Inc 3235 Fayette Ave Birmingham 1 Ala
Alen Steel Prode Inc 2941 E Ten Mile Rd Hael Park Mich
Alen Steel Prode Le Wirke Div US STEEL CORP 1429 ROCKEFELLER BLDG CLEVE LAND
MERIGAN STEEL & WIRE DIV US STEEL CORP 1429 ROCKEFELLER BLDG CLEVE LAND
BETHLEHEM STEEL CO 701 E THIRD ST BETHLEHEM STEEL CO 701 E THIRD ST BETHLEHEM STEEL CO 701 R THIRD ST
BOTH CONSTRUCT STEEL CO 701 R THIRD ST
COLORADO FUEL & IRON CORP CONTON
COLORADO FUEL A IRON CORP CONTON
MENTAL OLL BLOG DENVER 2 OLO
COLARDO FUEL A IRON CORP CONTON
MILL GARENCA DIV US STEEL CONTON
COLARDO SEEL PRODE CO 111 W BURNA-HAN MILWAUKEE WIS
ALAND STEEL PRODE CO 111 W BURNA-HAN MILWAUKEE WIS
COLARD STEEL PRODE CO 111 W BURNA-HAN MILWAUKEE WIS
COLARD STEEL CO ARCADE BLDG SA ADMS PEORIA TILL
ALEGE STEEL CO ARCADE BLDG SA ADMS PEORIA TILL
ALEGE STEEL CO ARCADE BLDG SA ADMS PEORIA TILL
ALEGE STEEL CO ARCADE BLDG SA ADMS PEORIA TILL
ALEGE SWINCO SZ SE DELAMERANDA TANDA TANDA

LOUIS MO Mid States Steel & Wire Co Crawfordsville Ind NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY Northwestern Steel & Wire Co Ave B & Wal-lace St Sterling III PENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY

Renois Tying Machines Inc 1956 N Hawthorne Renois Tying Machines Inc 1996 N Hawtnorne Melrose Park III REPUBLIC STEEL CORP REPUBLIC BLDG CLEVELAND 1 OHIO Seneca Wire & Mig Co Vine St Fostoria Ohio Sheffield Steel Div Armco Steel Corp Sheffield Sta Kansas City 25 Mo Sommer Metalcraft Corp 315 Poston Dr Craw-

Sommer Metalcraft Corp 315 Poston Dr Craw-fordsville Ind TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 539 FAIRFIELD ALA TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL WICKWIRE SPENCER STEEL DIV 575 MADISON AVE NEW YORK 19 NY

#### WIRING, ELECTRICAL, MULTI-OUTLET

AMERICAN TELEPHONE & TELEGRAPH CO 195 BROADWAY NEW YORK 7 NY ANACONDA WIRE & CABLE CO 25 BROADWAY NEW YORK NY Bryant Electric Co Box D Barnum Sta Bridgeport 6 Conn General Cable Corp 420 Lexington Ave New York 17 NY NATIONAL ELECTRIC PRODS CORP 2 GATEWAY CENTER PITTSBUEGH 22 PA PASS & SEYMOUR INC 50 BOYD AVE SYRACUSE 9 NY Sierra Electric Corp 15100 S Figueroa Box 85 Gardena Calif

Gardena Calif WIREMOLD CO HARTFORD 10 CONN

#### WOOD SEALERS

Akron Paint & Varnish Co 1390 Firestone Phey Akron 1 Ohio AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO ATLAS PLYWOOD CORP 1432 STATLER BLUCE BOSTON 16 MASS BRUCE (F L) CO 1648 THOMAS BOX 397 MEMPHIS 1 TENN King Chemical Co 2342 S Lauderdale Mem-phis Tenn Chicago Bronze & Color Wks 2673 W Grand Ave Chicago 12 Ill Clarke Sanding Machine Co 30 E Clay Ave

Chicago Bronze & Color Wks 2673 W Grand Ave Chicago 12 Ili Clarke Sanding Machine Co 30 E Clay Ave Muskegon Mich Devoe & Raynolds Co Inc 401 W Main St Louisville 2 Ky Douglas & Sturgess 475 Bryant St San Fran-cisco Calif

Douglas & Sturgess 475 Bryant St San Fran-cisco Calif DuPont de Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del Forman-Ford & Co In1 E Second St Minne-apolis Mirm Franklin Research Co 5134 Lancaster Ave Philadelphia 31 Pa Gordon Chemical Co Inc 1100 Hickory Kan-sas City 7 Mo Grand Rapids Varnish Corp 1350 Steele Ave SW Grand Rapids Z Mich Harrison Paint & Varnish Co 1329 Harrison SW Canton 1 Ohio Horn (A C) Co Inc Tenth St & 44th Long Island City NY International Chemical Co Inc 3140 S Canal St Chicago 16 Ill Syanize Paints Inc Second & Boston Sts Ev-erit Profos Co Franklintown Rd Baltimore 23 Md Lawrence (W W) & Co 1124-32 W Carson

Lasting Prods Co Franklintown Rd Baltimore 23 Md Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa LOWE BROS 438 E THIRD ST DAYTON 2 OHIO Maas & Waldstein 2121 McCarter Newark NJ Masonry Waterproofing Co Inc Box 1061 North Sta Arlington 7 Va Monroe Co 10703 Quebec Ave Cleveland Ohio Monsanto Chemical Co 1700 S Second St St Louis 4 Mo Moore (Benjamin) & Co 511 Canal St New York 13 NY National Lead Co 111 Broadway New York 6 NY O'Brien Corp 101 N Lobmon St States

NY O'Brien Corp 101 N Johnson St South Bend 21 Ind Paxton (Frank) Lbr Co 6311 St John Ave Kansas City Mo Penetone Co 74 Hudson Ave Tenafly NJ PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITSBURGH 22 PA Plytex Corp 1731 Elston Ave Chicago 22 Ill Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY

7 NY RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS

Sapolin Paints Inc 229 E 42nd St New York 17 NY

17 NY Seidlitz Paint & Varnish Co 18th & Garfield Sta Kanaas City 10 Mo Sherwin-Williams Co 101 Prospect Ave NW Cleveland 1 Ohio Soneborn & Sons Bldg Prods Div 404 Fourth Ave New York 16 NY Tennant (G H) Co 2566 N Second St Minne-apolis Minn

Tufcrete Co Inc 552 Teachout Bldg Des Moines

Tufcrete Co Inc 552 Teachout Bldg Des Moines 9 Iowa Twentieth Century Paint & Varnish Co 456 Driggs Ave Brooklyn 11 NY Twin City Hardwood Lbr Co 509 N Cleveland Ave St Paul 14 Minn UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo

WOODWORKING MACHINES

- AMERICAN MACHINE & FOUNDRY CO 511 FIFTH AVE NEW YORK NY AMERICAN WOODWORKING MACHINERY CO 100 LIBERTY ST HACKETTSTOWN NJ Atlag. Press Co 1901 N Pitcher St Kalamazou Atlas Press

Atlas Press Co 1901 N Pitcher St Kalamazoo Mich Beach Mfg Co Mill & Hioho Sts Montrose Pa BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO Black Brothers Inc 503 Ninth Ave Mendota III BOICE-CRANE CO 330 W CENTRAL AVE TOLEDO 6 OHIO Buss Machine Wks Eighth & Eldon Sts Hol-land Mich C H & E Mfg Co 3849 N Palmer St Milwau-kee 12 Wis C K L Machinery Co 160 Harrison St Osh-kosh Wis Chattanooga Machinery Co 1000 Watkins St Chattanooga 4 Tenn Circo Tool Co 3805 W Lisbon Milwaukee Wis CONSOLIDATED MACHINERY SUPPLY CO LTD 2031 SANTA FE AVE LOS ANGELES 21 CALIF Cummins Portable Tools Div Oster Mfg Co 5055 N Lydell Ave Milwaukee 17 Wis Curtis Machine Corp 1300 E Second St James-town NJ

town NJ Dependable Machine Co Box 839 Greensboro NC

Dependance machine Co Box 555 Greenson NC DE WALT INC BOX 540 LANCASTER PA Exstrom Carlson & Co 1400 Railroad Ave Rockford Ill Enterprise Co S Main St Columbiana Ohio Fay & Egan Co 2001 Eastern Ave Cincinnati 2 Ohio Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn Greenlee Bros Co 2136-12th St Rockford Ill Hanchett Mfg 906 N State St Big Rapids Mich Handy Mfg Co 2432 W Lawrence Chicago 25 Ill

mance Machine Co Campbell & John Sts

Hermance Machine Co Campbell & John Sta Willithmsport 19 Pa Heston & Anderson Div St Paul Engr & Mfg Co 601 Kirkwood Ave Fairfield Iowa Holmes (E & B) Machinery Co Inc 59 Chi-cago St Buffialo 4 NY Hutchinson Mfg Co Norristown Pa Jones Superior Machine Co 1270 W North Ave Chicago 22 Ill Lane Mfg Co 3 Mechanic St Montpelier Vt

MALL TOOL CO 7740 S SOUTH CHICAGO CHICAGO 19 ILL

CHICAGO 19 ILL MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH Mattison Machine Wks 545 Blackhawk Park Rokkford III McDonough Mfg Co 1500 1600 Galloway Eau Melby (C J) Co 1002 13th St Everett Wash Merritt-Monsanto Corp 120 S Niagara St Lockport NY Newman Machine Co Inc 507 Jackson St Greensboro NC

Lockport NY Newman Machine Co Inc 507 Jackson St Greensboro NC Oliver Machinery Co 1025 Clancy Ave NE Grand Rapids Mich Onsyld Machine Works Inc 3010 W Palmer Chicago 47 III Parks Woodworking Machine Co 1546 Knowl-ton St Cincinnati 23 Ohio

POOTATUCK CORP 50 OLD STRATFORD RD SHELTON CONN

RD SHELTON CONN PORTER-CABLE MACHINE CO 1714 N SA-LINA ST SYRACUSE 8 NY Power (L) & Co Inc 2815 Oakford St Phila-delphia 46 Pa Powermatic Machine Co McMinnville Tenn Pringle & Brodie Machinery Co 566 W Polk St Chicago 7 Ill Richardson (J S) Co Sheboygan Falls Wis Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa Sibley (Edw L) Mfg Co Inc 222 W Main St Bennington Vt SKIL CORP 5033 ELSTON AVE CHICAGO 30 ILL

Shile Cokl sols ELSION AYE Chickado
30 ILL
STANLEY ELECTRIC TOOLS 400 MYRTLE ST NEW BRITAIN CONN
Stetson-Ross Machinery Co 3200 First Ave S Seattle 4 Wash
Turner Mfg Co Wise St Statesville NC
Walker-Turner Div Kearney & Trecker Corp 900 North Ave Plainfield NJ
Wallace (J D) & Co Inc Waraw Ind
Whitney (Baxter D) & Son Inc Elm St Win-chendon Mass
Wilson Saw Div Media Machine Wks Inc 620 Park Ave Media Pa
Wooda (S A) Machine Co Damrell & Alger St Boston 27 Mass
Yates-American Machine Co 729 Fourth St Beloit Wis

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SKIL CO

## AMERICAN BUILDER

## REMINDERS

## The Month Ahead

#### HOUSTON HUSTLES

Builders from the Southwest, particularly Texas, who are beginning to think about their Fall Home Parades, would do well to visit Houston the week of May 20-27. This is the week of the city's annual parade, generally a howling success, and there should be a lot of good ideas running around loose.

#### **SELL 'EM THE OUTDOORS**

May is the beginning of the outdoor living season. The weather will do a lot of your selling for you, but how about giving it a hand? Patios, sliding window walls and barbecues are probably a part of your models. Play them up big in your merchandising.

#### SPRING-BEST SALESMAN

Make it easy for the whole family to visit your spring models. Provide "amenities"—toilet facilities for little Johnny who "forgot" before he left home; picnic tables and "basket parties welcome" signs.

#### AC MEANS "ALSO CLEAN"

You can help Air Conditioning help you sell homes by playing up more than simple cooling. Open windows mean dust and grime. Prospects may have decided to get along without cooling, but the "healthy, clean, dust-free and filtered home" strengthens the argument.

## Spotlight on remodeling

Next month's issue of American Builder will take the first of several looks at remodeling. Our editors will make a city-by-city survey to determine what steps are being taken by various groups to further Operation Home Improvement. They'll talk to local NAHB chapters to see how they are aiding builders to get into the remodeling business; they'll talk to successful remodeling contractors to find out how they conduct operations, and what steps might further improve their business; and they'll talk to municipal officials to find out how local government is helping. In other words, May's American Builder will be an implementation handbook for remodelers. If you plan any remodeling work, don't miss it.

## How about vacation cottages

May is the month when members of the family start fighting over where to go for their vacation. If you read the March issue of American Builder, you know that vacation houses are getting to be big business; why not cut yourself a slice of the pie? If your building operation is anywhere near a vacation area, why not design and put up a model cottage that you could build on a customer's lot? And if it doesn't sell, you can use it yourself.

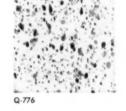
#### Who's for a small plunge?

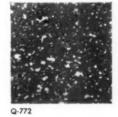
This looks like the break-through year in swimming pools. Watch for our piece on the merchandising possibilities in pools in the May issue, but right now you might well look around for a pool tie-up, either the small individual job as an extra, or a larger community-type facility. Bob Hoffman, publisher of *Swimming Pool Age*, estimates, "very conservatively, that 20,000 swimming pools were built in 1955, and that at least 30,000 will be built in '56... Cabana clubs have become big business in some parts of the country, golf clubs and motels are adding pools, home builders are featuring pools as optional equipment, or including community pools with groups of 50 or 100 homes."

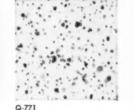


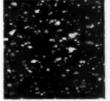
MATICO - the floor that helps you sell the home!

## the modern look in tile flooring styled for MATICO by Margaret Lowe









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## NO MATICO **Margaret Lowe Colors**

in vinvl-asbestos tile

## Now choose from two ARISTOFLEX-CONFETTI patterns\*

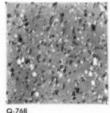
Here it is! The smartest, most colorful style in tile designed for MATICO by Margaret Lowe, famous color stylist. These gay new colors, the distinctive mottling of Margaret Lowe Colors, harmonize perfectly with the new color trend in home appliances, fit beautifully with any style of architecture. And Margaret Lowe Colors come in durable vinyl-asbestos . . . can be installed on, above or below grade ... are easy to maintain because they resist dirt, grease and most household chemicals. If you're looking for an out-of-the-ordinary flooring, a very special color, be sure to consider the new Margaret Lowe Colors in economical MATICO vinyl-asbestos tile.

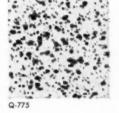


\*Margaret Lowe Colors and regular Aristoflex-Confetti

MASTIC TILE CORPORATION OF AMERICA Houston, Tex. . Joliet, Ill. . Long Beach, Calif. . Newburgh, N. Y.

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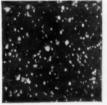
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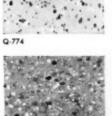
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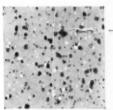




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# Cabinet Hardware

Brightens the home scene

21.5

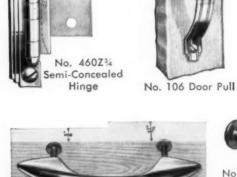
The added touch of beauty that chrome-plated hardware brings to the kitchen matches the lustre of the modern home appliances found in this "all important" part of the home.

ITUMU

Today's kitchen is the focal point for the efficient preparation of food and cooking. A generous supply of wall and base cabinets at your fingertips is the time – and step-saving method of good housekeeping.

National Cabinet Hardware includes a wide assortment of styles and designs to serve practically every type of installation.

> Sterling, Illinois



No. 217 Door and Drawer Pull



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