PLAINTIFF'S EXHIBIT

KG-149

FEB 29 1972

ST/ CK

Companies . . . People

Now Westroc Industries

Western Gypsum Company, Ltd., Canadian manufacturer of gypsum and diversified wall and ceiling products has changed its name to Westroc Industries, Ltd., according to Nigel W. Puttock, president.

The company now manufactures and distributes gypsum materials, insulation, steel products, windows, stairs, vinyl siding, polyethelene materials and most recently — kitchens.

Burnett, Monolith, Passes

Coy Burnett, 82, honorary board chairman of Monolith Portland Cement Company, Los Angeles, died December 7th, after a brief illness.

In 1920 he was one of the founders of the company and served as its president.

Robert J. Gollar, 80, retired Louisville, Kentucky plastering contractor died December 17.

Conwed Promotes Speace

Daniel C. Speace, is promoted to regional sales manager of Conwed Corporation's Commercial Products division newly created east-central region.

Speace, headquartered in Baltimore, will oversee sales activities in Maryland, Michigan, Ohio, Kentucky, Virginia, West Virginia, Washington, D. C., western Pennsylvania and western New York.

Conwed, with national headquarters in St. Paul, Minn., is a 50-year old company with sales exceeding $50 million annually. Its Commercial Products division specializes in suspended ceiling systems for commercial and institutional buildings.



• DANIEL C. SPEACE

John A. Kinn has been named Vice President-Sales & Marketing of Keene Corporation's Noise Control Division.

Prior to joining Keene, Mr. Kinn was Eastern Manager of Ransburg Systems in South Plainfield, N.J.

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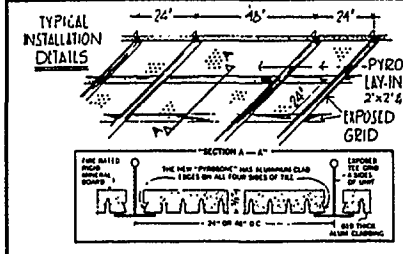

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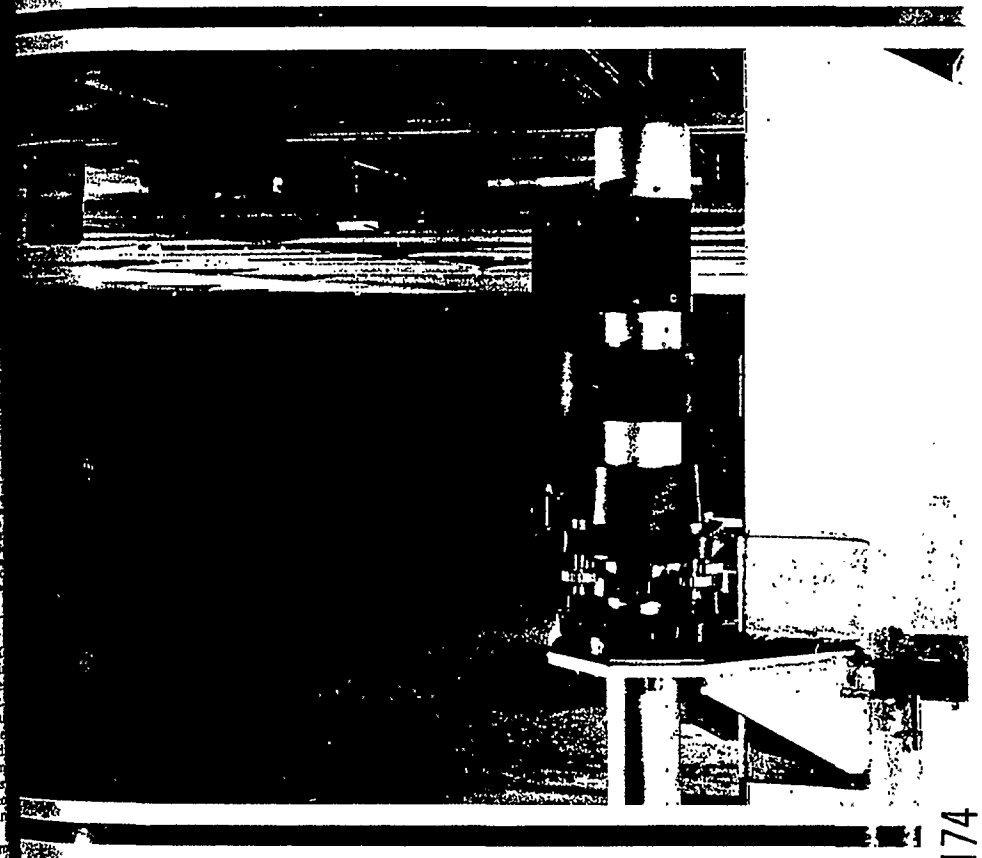
MARCH 1972

PACIFIC EDITION

Walls & Ceilings

formerly Plastering Industries

Official Publication
INTERNATIONAL ASSOCIATION OF WALL & CEILING CONTRACTORS



Seminars — Symposiums Coming By iaWCC . . . Page 2
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Partitioning — A Widely Diversified Choice of Systems Page 14

KG-174

GET SMART!

Plan to attend (or send a company representative) to one or more of the following iaWCC programs!

Seminars On The Federal
OCCUPATIONAL SAFETY AND HEALTH LAW
Two series have already been held.
A new series is being scheduled for March and April.
For dates and places, contact iaWCC.

iaWCC TAX EDUCATION CONFERENCE . . March 2 and 3
Stouffer's Inn — Cincinnati, Ohio

SYMPOSIUM ON PLASTER VENEER . . . April 9 and 10
Camelot Inn — Tulsa, Oklahoma

iaWCC Political Education Conferences for Election Year 1972:

- Inn of the Six Flags — Arlington, Texas — June 1-3
- Edgewood Resort — Alexandria Bay, N.Y. — June 22-24
- Chula Vista Resort — The Dells, Wisconsin — June 15-17

SYMPOSIUM ON MOVABLE PARTITIONS . . July 28 and 29
Hilton Inn — Indianapolis, Indiana

iaWCC's 55th ANNUAL CONVENTION . . September 22-27
El Comino Real Hotel — Mexico City, Mexico

You May Obtain Full Information and Registration Fees on any or All of these by Writing or Calling iaWCC in Washington —

INTERNATIONAL ASSOCIATION OF
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20 "E" Street N.W. - Washington, D.C. 20001
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JACK D. DILLARD, *President* JOE M. BAKER, *Managing Director*

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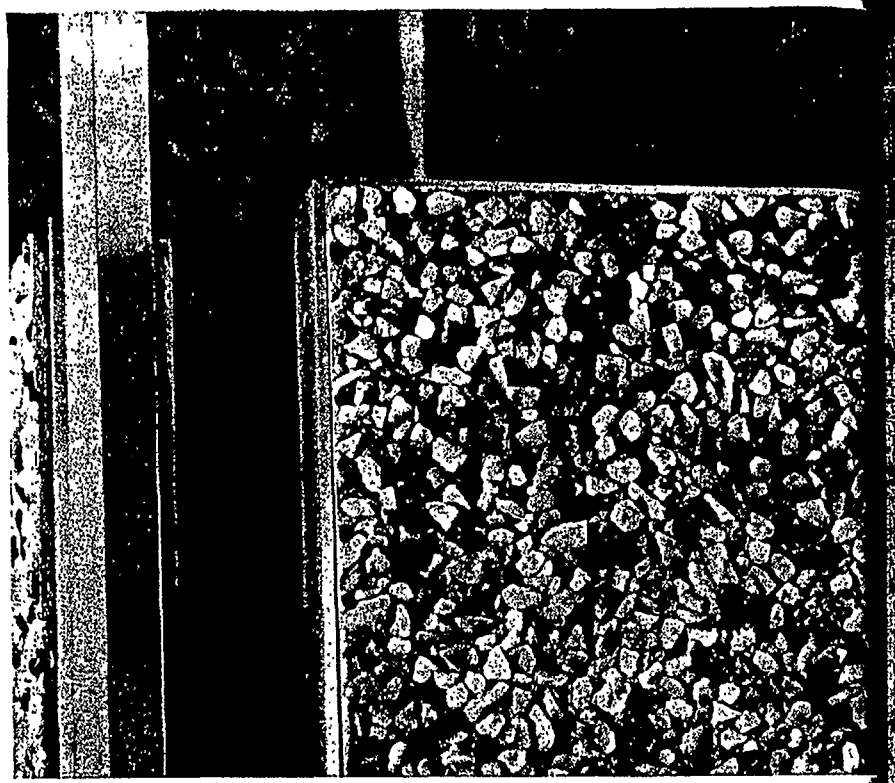

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UNITED STATES GYPSUM
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iaWCC President Dillard observes . . .



• JACK D. DILLARD

I want to take this time to discuss with you a very touchy subject—money—YOUR MONEY (AND MINE)—not about spending it, but about every good possibility of saving some of it by eliminating or minimizing penalties that could be assessed for violations of Federal Safety and Health Regulations for Construction.

With the enactment of the Williams-Steiger Occupational Safety and Health Act of 1970 in April of 1971 (OSHA), safety started to gradually become more and more a topic of discussion and concern in our business. With the discussion and concern came confusion.

The Safety and Health Regulations for Construction were published in the Federal Register (Volume 36, Number 75, Part II) on April 17, 1971. Copies of this and copies of the booklet "Recordkeeping Requirements under the Williams-Steiger Occupational Safety and Health Act of 1970" were sent to all employers by the U.S. Department of Labor. If you don't have these you should check with the nearest Department of Labor office.

Your association has started presenting one day workshop type seminars. If these seminars prove to be well attended—and there is every indication they will be—then they will continue to be presented in cities throughout the country which request them and can provide sufficient attendance to justify the expense of the presentation.

This safety regulation is a very serious matter and these seminars deserve your immediate consideration and all-out support. You may be next in line for a job inspection and a possible penalty! It is my understanding that well over one million dollars in penalties have been assessed against firms in the construction industry for violations. Let us hope that none of us will be required to further add to this total.

The following information is given as a suggested guide—not necessarily complete, and certainly not as the exact rule or the final word—with the hope that it may be helpful to you.

Should an inspection be made of your construction site, the probable order of priority would be—

1. Electrical (Grounding requirements especially).
2. Job housekeeping.
3. Personnel protective equipment.
4. Machine guarding, guardrails, toe boards and cover requirements.

Have you thought about inspecting your own jobs? Perhaps you should, for you may be able to save more than money to pay for your time and trouble. Make a tour of your own jobs and then ask yourself the following questions:

1. Is the proper information posted at the job site?
2. Is the job site free of debris?
3. Is scaffolding in good shape? Does it have the proper guard rails and toe boards?
4. Are holes in decking properly enclosed with rails, etc?
5. Are openings in floors (elevator shafts, stairwells etc.) blocked off in the proper manner?
6. Are hand tools, electric drills, screw guns, powder tools in proper repair?
7. Are electrical tools properly grounded?
8. Are indoor working areas ventilated properly? (Especially where gasoline equipment is being used).
9. Is proper lighting provided?
10. Do employees wear necessary and proper personal protective gear when exposed to possible danger?
11. Are drinking water containers marked plainly?
12. Is there a first aid kit on the job?
13. Are materials stacked neatly?
14. Are emergency telephone numbers posted near the job telephone? (Hospital, doctor, ambulance).
15. Are ladders properly built? Are they in good condition and are they being used properly?
16. If fire extinguishers are required, do you have the proper number and are they in the right locations?
17. Where required on isloated jobs, do you have personnel properly trained and certified in first aid?
18. Are you complying with the record-keeping requirements of the act?

How do your jobs rate? Although there are probably many other questions that could be asked, if you have answered "No" to any of the above questions, you need to take another look and correct the problems immediately.

Another of the major questions you must ask yourself is—"Do I have a positive attitude toward safety"? I need not tell you what your answer should be.

Your attitude, safety programs, safety record and voluntary compliance could possibly help to determine the penalty—if your job should be checked and violations discovered.

Regardless of how you may feel about this regulation, it is the law and you cannot afford to ignore it in the hope that by doing so it will disappear. The cost may be more than you can afford to ignore.

—JACK D. DILLARD

SPECIAL EVENTS —

. . . See page 2 for Dates and Locations of Seminars and Symposiums Planned by the iaWCC

Here's what Mr. J. B. Beck of St. John's Dry Wall had to say about G-P's Shaft Liner System:

"I found that G-P's Shaft Liner System goes up quickly and easily."



"That saved me time and money."

After looking into various shaft liner systems, Mr. J. B. Beck of St. John's Dry Wall used Georgia-Pacific's new Shaft Liner System in the First National Bank of Oregon Tower. He found that G-P's Shaft Liner saved him more time, labor, and materials than any other system. And it can do the same for you.

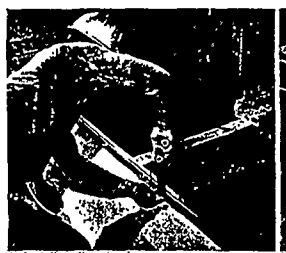
Here's why: G-P's system installs from the shaft exterior, so construction is speeded up. In addition, temporary shaft enclosures are eliminated. And because G-P's Shaft Liner is solid gypsumboard, installation is simple. Just attach prelaminated 1⅝" panels in top and bottom runners with a T-spline placed between them. Then attach two layers of regular ½" G-P Gypsumboard. Or a plaster system may be used. And the finished system is ready to be decorated.

After the core system is in place, individual panels can be removed and replaced easily. That way, if a problem is found inside the shaft interior, you save on-site time. The panels can also be easily modified to fit duct work.

G-P's Shaft Liner meets your fire rating requirements. And it resists shaft air pressures. All in all, you won't find a system that goes faster than Georgia-Pacific's. Just ask Mr. J. B. Beck. Or, find out more from your Georgia-Pacific representative.

Georgia-Pacific

GYPSUM DIVISION, Portland, Ore. 97204



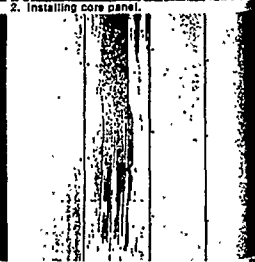
1. Installing floor track.



2. Installing core panel.



3. Attaching core to T-spline.



4. Applying finish layers.

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(Formerly Plastering Industries)

Official Publication for the International Association of Wall & Ceiling Contractors — An Organization of Specialty Contractors for Wall and Ceiling Construction: Acoustical Systems, Drywall, Fireproofing, Flooring, Lath, Movable Partitions, Plaster, and Specialty Finishes.

JACK D. DILLARD, President

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THE EDITORS' VIEWS

Between the confused maze of Phase II regulations, revisions and modifications — intent and direction of the "Affirmative Action" program — and implementation of new regulations under the Occupational Safety program, most members of the industry would agree batting their heads against a wall would "feel better."

Surely there has seldom been a time when there has been more need to get the whole situation under control and in hand on some basis of orderly arrangement, and now that many Legislatures and the Congress are in session would seem to be the best time for us all to remind our "public servants" in no uncertain terms that the whole situation has gotten out of hand and we expect them to help us do something about it.

We would hope the Government would take steps to correct this problem before this issue is printed — but, as things now go, we doubt it.

Small contractors are being caught in the squeeze between the price freeze and retroactive wage increases approved by the Construction Industry Stabilization Committee, and many groups are urging the price commission to authorize the increase in the contract price for work done on a "time and material" basis during the 90-day price freeze where retroactive wage increases have been authorized.

As iaWCC President Jack Dillard pointed out in his "President's Message" in the February issue, the losses can be substantial and the contractor an innocent victim.

Sweeping changes in "Hold Harmless" clauses in contracts with prime contractors are showing up again in various areas.

These should not be signed without complete review by your attorney. Some of the clauses, for example, pertain to requirements of the new Occupational Safety and Health Act, while others relate to the familiar pay "as, if and when" provisions.



When it comes to fireproofing, the Zonolite® man-on-the-job is the expert's expert.

Gene Connell, left, heads up Structural Fireproofing, Inc., one of the biggest firms of its kind. Gene has recently completed fireproofing the 45-story Security Pacific Bank Building, "Flagship" Building, in San Francisco's $200,000,000 Embarcadero Center Redevelopment Project. But with all his know-how, he still talks over problems and procedures with Mike Driver, Grace-Zonolite's man-on-the-job. Together, they keep up with the latest in fireproofing techniques—and with continually improved products, such as Zonolite Mono-Kote®.

So the next time you're faced with fireproofing a steel-frame building, it can pay you to talk to the Grace-Zonolite man-on-the-job. When it comes to local building codes, specifications, and application techniques, he's the expert's expert.

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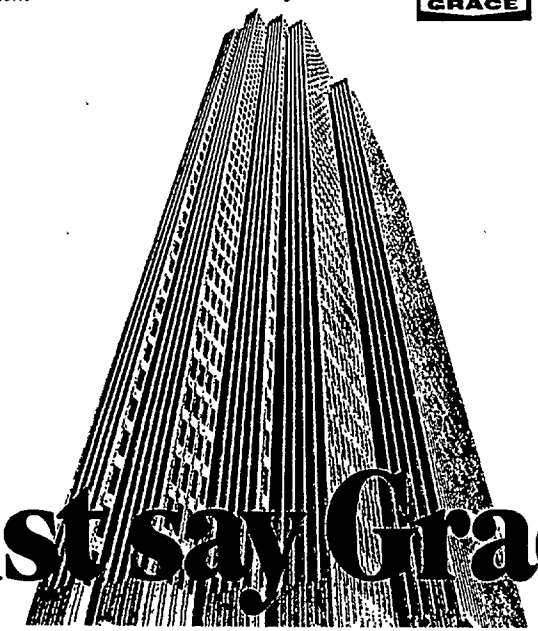

Just say Grace.

BUSINESS, INDUSTRY, LABOR

Fringe Benefits Exempt

The Washington office of the International Association of Wall & Ceiling Contractors advises that the Congress of the United States has passed legislation providing that, under Phase II, fringe benefits are *exempt* from the 5.5% general wage increase limit.

This means that *new* benefit plans may be installed, with the employer contributing to pension and retirement plans, group life insurance, group disability and health insurance.

An employer may also *increase* his contributions to *existing plans*.

This legislative action now allows an employer to compensate his employees over and above the 5.5% wage increase limit by offering a wider variety of fringe benefits, with higher employer contributions if he so wishes.

The Pay Board, however, can step in if increases are "unreasonably inconsistent" with Phase II guidelines.

Under the original 90-day Wage/Price Freeze, the Government had taken the position that employee benefit plans constituted a part of wages, hence no new plans could be installed unless they were on an "employee-pay-all" basis, and employer contributions to existing plans could not be increased.

Asbestos Standards Strict

The Emergency Standard for Exposure to Asbestos Dust published last month (December) by the Department of Labor will produce great changes in that industry, according to Arthur R. Adams, president of Personal Environment Systems.

The new, stricter standards, invoked under emergency provisions of the Federal Occupational Safety and Health Act of 1970, apply to all employees who are exposed to asbestos, whether it be in the areas of mining, refining, fabricating, construction or manufacturing. The emergency standard requires employers to be aware of the amount of asbestos concentration in which their employees must work, and, depending on that amount, take certain specified protective measures. For example, one of the four paragraphs defining exposure limits states: "For an atmosphere containing not more than 250 fibers per milliliter greater than 5 microns in length over an 8-hour average, or more than 500 fibers per milliliter over any period of 15 minutes, a powered filter positive pressure respirator approved by the U.S. Bureau of Mines . . . shall be used."

While the new emergency standard is in force for six months, government officials have hinted it will probably be a permanent part of the law, and that asbestos is just the first of many industries which will come under tougher safety and health regulations in the coming months.

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London Makes Awards

The Plasterers' National Joint Advisory Committee and the National Federation of Plastering Contractors (Great Britain) have made awards following examinations in Plasterers' work of the City and Guilds of London Institute

Silver trowel award went to I Thomas, Caernarvonshire Technical College; Stainless trowel award M S. Conlan, Hammersmith College of Art and Building; Crombie Trophy, Hammersmith; Clanrye Trophy, Leeds College, and Regency Vase, Bolton Technical College.

David E. Link, editor of "Professional Builder", speaking at the recent convention of the National Association of Homebuilders, said "1972 looks like another big building year—but be wary of the Government." Continuing, he observed that the Government has become the senior partner and controller in mortgage financing and also said concern is increasing over the number of Government-sponsored programs of building on all levels.

Nixon Panel Displeases

The National Association of Homebuilders declares it is displeased with the Report of the Presidential Commission on Financial Structure and Regulation.

NAHB President John A. Stastny says the recommendations fail to come to grips with the critical problem of providing a steady flow of funds for residential mortgages.

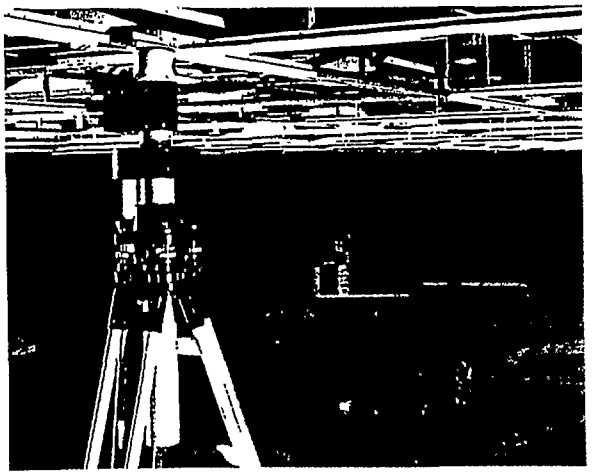
Fire Deaths Rise

Fire killed nearly 12,200 people in the U.S. during 1971 reports the National Fire Protection Association with deaths in dwelling fires showing an increase over the previous year.

Property loses totaled $2.845 billion, preliminary figures indicate, more than $215 million over 1970.

CORRECTION

Our apologies for not properly identifying Wayne Bishop pictured in the article in the January issue by Joseph M. Baker, Jr., "United States Supreme Court. . . ." Mr. Bishop is the attorney who represented the matter in court.



Leveling by Laser Beam Assures Accuracy, Speeds Work

Members of the wall and ceiling industry have long been experts in establishing lines and points for level ceiling installations and straight partitions and walls, but a brand-new idea is changing their previous habits and considerably hastening the work to perfection.

It's the Laser Beacon. It's faster and insures perfectly level ceilings and straight partitions, say those who have used it including McNulty Bros. Company, Inc., of Chicago, the Berti Company, Detroit,; Hampshire Companies, Baltimore, and many others.

How does the Laser Beacon operate?

It is first set up on a column or reference point at the height desired for the hangers. After making sure the device is level, its rotating



• NOTE LASER Beam device mediately in front providing pe alignment for ceiling grid sy

beam is turned on, either from tery power or electrical outlet p in.

The beam rotates at 500 rpm, viding a virtually steady red visible up to 1000 feet and accu within ½ inch over the entire fective distance.

Each journeyman responsible hanger installation has a metal target to reflect the beam. He holds it up and bends hangers first approximately at correct level. Next, the main ners are installed and the channels or tees are positio When they have all been pu place, the targets are placed u each hanger and they are ali with the laser beam. After assu everything is "on the money," the operation goes swiftly. twist and secure the wires. The sult is a fast and level operati

The journeyman then looks at grid which has been installed check it for level and from ther out it's easy work.

On partitions, the device is sitioned for horizontal config tion and the process is equally ple and swift.

A typical example of the w of the new product is revealed work on the Kemper Insur Building, Long Grove, Illinois, der direction of McNulty B Company, Chicago.

It involved the installation grid manufactured by Nati Ceiling Corporation of Niles, and totaled 388,600 square fee intricate alignment.

Parker Thorne, vice-presiden McNulty's declares:

"We were told we would be to achieve a more level ceiling greater speed than by the use water level.

"On this job we confirmed accuracy of the claim.

"In addition, we found sev side benefits which in terms of lars and cents, plus time and lic relations, probably are equa the original benefits. In one ca major conflict was avoided wit electrical contractor by using Laser Beacon to prove beyond tion, our ceiling was absol level.

"On the same job, we set Laser Beacon up, non-rotating,

• BEAM UNIT is quickly se and put into operation — s money and avoids argument large jobs, says Parker Thorne, president of McNulty Bros. C pany



• INSTALLATION OF "Flexi-Grid Runners in Kemper Insurance Building as provided by National Ceilings Corporation and installed under direction of McNulty Bros. Company

top level of the suspension member prior to starting the installation of the suspension system.

"We then assembled representatives from the General Contractor and all Subcontractors who work above the ceiling. By sweeping the room with the Laser Beam, we were able to prove, on the spot, and without arguments, the work of other subcontractors which was too low.

"The function of the Laser is worth its cost."

Responsibility for operation of the unit wus in charge of job foreman Ed Iverson, but there were four or five journeymen able to operate it with brief training, and it could be set up for operation in less than 5 minutes.

Originally Laser Alignment, Inc., developers of the unique system, planned their major market for alignment of tunnels, sewers and road work, but have since discovered, buildings — and particularly walls and ceilings, afford an equally and perhaps even larger field of interest.

It sounds intriguing and those who'd like more information are invited to contact Laser Alignment, Inc., 6330 28th Street SE, Grand Rapids, Michigan 49506.

The unique and relatively-new ceiling graid system was provided by National Ceilings Corporation. Childs and Smith of Chicago were the architects for the project while W. E. O'Neil Construction Company, also of Chicago, was general contractor.

Catalog: Goldblatt Tool Co., has recently published its new catalog . . . the largest in its 87-year history.

The new 72 page catalog contains over 1400 items designed for durability as well as many labor and time saving features.

For a free Goldblatt Catalog, write: Mr. Si Kraft, Sales Manager, Goldblatt Tool Co., 511 Osage, Kansas City, Kansas 66110.

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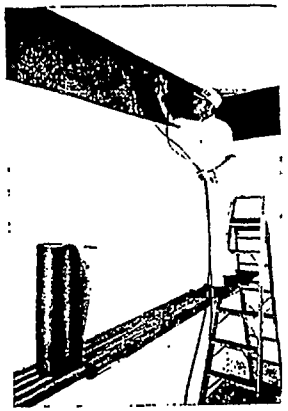


Using the double edge tape, this plasterer has masked off an entire wall by attaching a plastic drop-cloth to the bottom adhesive edge of Easy Mask. Thus, he has completely protected the wall from any spray mist while plastering the ceiling.

* * *

Painting in high rise buildings goes faster with Easy Mask. Straight edges are formed quicker, clean up faster and there are widths to fit every type job.



Unique Patented Mask - Tape / Drop - Cloth Combi

Cuts Days Off Plastering, Painting Time

There finally appears to be a fast, efficient solution to the problems of spray gun splatters, paint spills, tedious tape masking and layout clumsy drop cloths. The answer a new product named Easy Mask

an exclusive masking tape and drop cloth combination designed by the research staff of the Daubert Chemical Company. The only masking material of its kind, Easy Mask is patented by the U.S. Patent Office #3,032,181.

MASKS ANY SURFACE IN MINUTES

Treated with a special adhesive on either or both edges, this unique new product adheres firmly to any surface or configuration to provide a tight, seep-proof bond assuring sharp, clean lines with the utmost of speed and ease — even around corners, banisters and other odd shapes. In addition to the adhesive edge, Easy Mask has an extra heavy-duty paper designed to serve as a dropcloth to catch splatters, spills or mist from spray guns. These specially treated materials are also unaffected by sunlight and thus remove instantly from glass, walls, woodwork or any surface without causing damage. The product's deep green color makes it easily visible as a warning of wet plaster or wet paint to unwary passers-by.

AVAILABLE IN MANY SIZES

Easy Mask is available in a variety of extra wide rolls ranging from 3-in. to 24-in. in contractor sizes. For professional use on large commercial and industrial jobs, a compact, portable dispenser can be used. Its use should accelerate even further, all extensive plastering and painting assignments as well as assuring faster, easier clean-up, and that saves time and money.

Numerous case histories help to prove the many benefits of this exciting masking product. A Burlington, Iowa, contractor, for example found that when using Easy Mask, he could quickly mask-off large areas in minutes and save an estimated 1½ days of labor time in both masking and clean-up.

PROTECTS EVEN LARGE AREAS

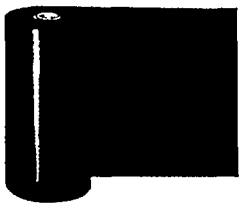
Another contractor used a wide double adhesive roll to mask-off an entire wall. He attached one edge to the ceiling and a drop cloth affixed to tape bottom that reached the floor. As a result, he was able to spray-plaster the ceiling without touching the finished wall. He also achieved accelerated speed and efficiency.

Most important to the wall and ceiling contractor is the added profit derived from both time and labor savings when using this unique new masking tape and drop-cloth combination.

EASY MASK® Pat. No. 3,032,181
PAINTING TAPE
Silicone Treated Paper
The Only Masking Tape That IS A DROPCLOTH™

DOUBLE EDGE for DOUBLE DUTY

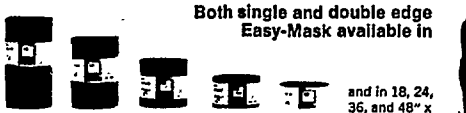
Up-to-date Contractors Use Wide Rolls With Double Edge Adhesive To Do Two Jobs At O



Easy-Mask with adhesive on both edges does duty. Ideal for big, messy jobs. Whether y single or double edge adhesive, Easy-Mask gives you these benefits:

- The only one-piece paper-tape combinatio Saves preparation time, cuts clean-up time as much as 50%.
- Serves as a dropcloth. Catches drops, splatters, spills, mist.
- No seepage! Assures smooth, razor-sharp . . . the first time, every time.
- Fast, clean, easy removal.
- Heavy-duty paper resists paint penetratio

Both single and double edge Easy-Mask available in



12" x 800' 9" x 800' 6" x 800' 4" x 800' 3" x 800' and in 18, 24, 36, and 48" x 800' rolls

Handy portable dispensers available for all roll siz

Daubert Chemical Compa
CONSUMER PRODUCTS DIVISION, Oak Brook, Illinois 6052



Seattle Public Library
FEB 29 1972



• CONWED 7000 Series Partition panels, are sound-absorbing decorator partitions (Photo courtesy Conwed Corporation)



• VENEER FINISH was used to accomplish design effect of intricate fitting on splayed walls in audivisual room in St. Mary's Cathedral and Convent, San Francisco (Photo courtesy U. S. Gypsum Company)

• INSIDE WALLS, including partitions of the new 60-story First National Bank Building, Chicago, are enhanced with imaginative uses of lath and plaster (Photo courtesy U. S. Gypsum Company)



The Scope of Partition Design and Construction

Partitions have grown in popularity in interiors in recent years. Today, among the requirements of the interior design of many buildings in that partitions be used extensively in them.

Two Compelling Reasons

One of the major reasons for the present popularity of partitions is the introduction of many new partition designs and construction materials in recent years.

Another major reason comprises the need for more flexible interior space. This is largely because the interior space needs of most building occupants are changing faster today. Partitions are frequently a major solution to this need.

Selecting a Partition Design

The ideal method of selecting a particular partitions design is often by type and application. Here are some of the most popular areas in which partitions are used today:

Education buildings

A. Audio-visual
B. Team teaching
C. Auditorium
D. Gymnasium
E. Cafeteria
F. Multi-purpose
G. Conference rooms
H. Classrooms
I. Wardrobes
J. Security closures

Religious buildings

A. Fellowship halls
B. Classrooms
C. Sanctuary-overflow
D. Wardrobes

Public meeting, hotel, motel and restaurant

A. Convention hall
B. Civic auditorium
C. Function rooms
D. Ballroom
E. Lounges
F. Dining rooms
G. Guest closets

Medical and hospital

A. Patient rooms
B. Dining areas
C. Day rooms
D. Wardrobes
E. Security closures

Office and industrial

A. Conference rooms
B. Executive dining rooms
C. Cafeterias
D. Training rooms
E. General offices
F. Security closures

Partition Heights

Here are some of the most popular partition heights and characteristics that apply to most of them.

1. Ceiling height—This provides all of the properties of a permanent partition while remaining completely demountable.

2. Cornice height or open ceiling—This provides complete visual privacy but does not interfere with existing distribution systems light, heat and air.

3. Rail height open base or ba screen—This services in organiz floor area for best efficiency, p vides off-the-floor utility routi and permits easy floor maintena

4. Rail height closed based—T has serviceability.

Types of Partitions

Here are some of the most po lar over-all types of partitions characteristics that apply to most them.

Overhead-braced flush type

These are suitable for new co struction or modernization and ideal where floors are thin, where sub floors cannot hold partitions rigid. These are amo the most economical of all of types of installed partitions. The offer flush design at minimum co

Ceiling-hung type

These are designed to be rigid supported from the ceiling and p vide a floor area free from obstru tion. They simplify cleaning wh wall hung fixtures are used, they help make cleaning a qui and easy job. They require stru tural ceiling supports for proper stallation.

Floor-supported type

These have a flush top-line th gives a streamline appearance eliminating overhead bracing. Th simplified construction permits e of installation, they are adapta to many building styles and th are ruggedly constructed.

Wall-hung type

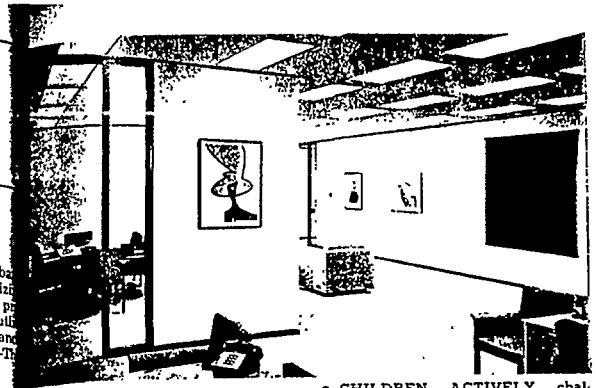
These are suitable for new co struction. They have no wall ceiling or floor obstructions a have easy floor maintenance. Th have virtually no limitations on terior design, such as ceiling heig floor material, etc.

Types of Partitions

There are many different ty of partitions available today a many of them have such versat designs there is a considera amount of overlapping among m of their definitions. Here are so of the most popular types.

Movable partitions

These are mostly used for bet appearance, easier maintenance a lower initial cost. Most of the manufacturers have standa heights to which they may add sp cial sizes to meet customers' nee An almost unlimited number



glazing combinations is possible with them. They provide a wide flexibility in design with a variety of panels, glass or plastics, doors and aluminum or metal framing.

Movable space dividers

These are basically panels with many uses—often in schools. Most are made of heavy wood-edge frame and honeycomb interiors covered with quarter round permanently bonded together, top and bottom rails formed of anodized aluminum and side stiles also of anodized aluminum. Their appearance is varied by varying their coverings, and their function is varied by varying their panels and accessories.

Pneumatic partitions

The principle advantages of many of these are that no tracks, hardware, bolts or permanent attachments of any kind are required with them. This means complete freedom of use with them, year after year, covering many unforeseen conditions.

Magnetized partitions

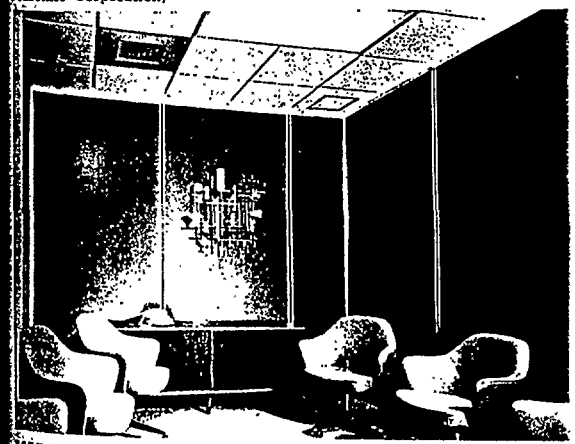
Many of these are portable walls designed for T-bar suspended ceilings, have panels that are held firmly in place with high-powered magnets and are ideal portable walls.

Ceiling partitions

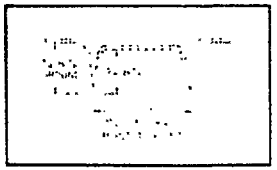
Many of these are wood-slatted that fit in with any decor. Their standard wood slats are vertical grain fir or other species desired. The operation of the partition can

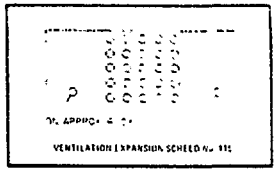
• CHILDREN ACTIVELY challenge strength of walls of Imperial Veneer plaster system used in the new Georgia Baptist Children's Home, Hapeville, Georgia (Photo courtesy U. S. Gypsum Company)

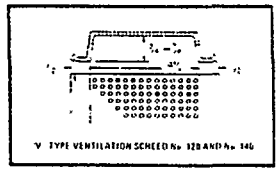
• MOVABLE PARTITIONS in this reception room bring prestige, privacy and style. These partitions are available in a wide variety of styles and panel inserts—hardboard, vinyl decorator colors and glass (Photo courtesy Masonite Corporation)

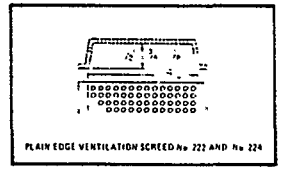


Superior metal trim









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be fully automatic with electric motor drive, or, depending on the size, manually operated by crank to open and manually pull-out to close.

Folding partitions

These include folding doors and folding walls. Many of them are highly effective in blocking sound transmission in schools, churches, offices, restaurants, hotels, etc.

Special Partitions

Special partitions are mostly partitions that are special in function or operation. Here are some of the most popular types of them.

Office partitions

These cover one of the widest ranges of types of special partitions. Most of them increase office efficiency by promoting greater work-concentration for increased productivity—as much as 60%; improve worker morale; enhance office aesthetics; and provide practical flexibility to fit many different types of office arrangements.

Bank partitions and cubicles

These are among the most difficult to select, because of two rather contradictory design principles.

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Most banks on one hand de
them to be major elements in
aesthetics of their interiors and
provide customer respect and p
acy, and yet on the other h
desire that they are also consis
with effective security. The in
duction of several types of glas
recent years that are effective
bank partitions and cubicles ena
many banks to combine all of t
desired qualities using much
as major materials in these desi

Sound-absorbing partitions

These are usually designed to
sorb noise. Many other types
partitions can be designed to
form this function, in addition
other functionss. However, the
mary function of many sound
sorbing partitions is to abs
sound.

Toilet partitions

These are available in a wide
lection of designs and construc
materials and finishes today.
overhead-braced flush type is
of the most popular types, beca
it is often the most economical;
it offers flush design at minim
cost. One of the most popular
struction designs is to use a c
bination of two different consti
tion materials, one for the pa
tions and mullions, and one for
doors.

Urinal screen partitions

In most instances, these must
designed to withstand vigor
abuse. Among the most dependa
finishes for them are zinc-coat
bonderized steel with primer
baked enamel finish; alumin
with primer and baked enamel f
ish; enamelizing steel with por
lain enamel finish; stainless st
with natural stain finish; and d
orative laminate.

Folding walls for schools

Among the most popular ty
are manual folding acoustical div
ers; individual panel acousti
room dividers; electrically opera
acoustical room dividers; electr
ally operated acoustical divide
and electrically operated fold
walls.

Benefits of Lath and Plaster Partitions

Lath and plaster partitions ha
many benefits over many oth
types of partitions in many inst
lations. Here are some of their m
jor benefits:

1. Most of them are major arc
tectural elements in interiors.
stead of being designed as so

(Please turn to page 21)

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...builder Ben Deane on the
...Pacific shoreline at Irvine Cove in
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...house will probably cost in
...neighborhood of ¾ of a million
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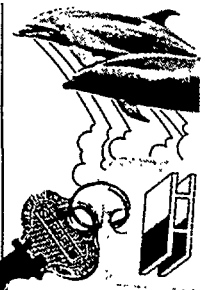

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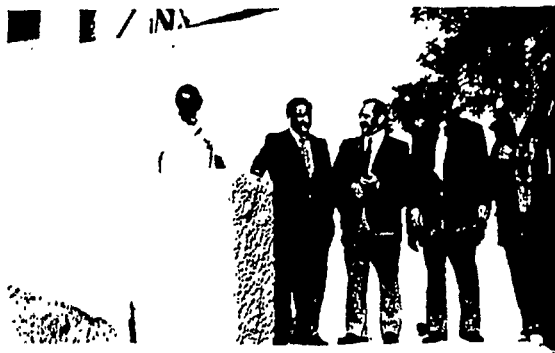
to them. For instance, after lath and plaster was completed on much of the interior, they decided sharp outside angles reinforced with metal bead didn't look right. So the material was ripped off—then tools and templates used to refinish the corners in smooth curves.

Absence of sharp angles and flat planes characterizes the house. Ex-

* * *



• AT BUILDING site, from LEFT: Plastering foreman Gene Felling; Merle Ver Burg and Charlie Ray, Merlex Stucco; material salesmen Bob Bible; Wally Carter and Kenny Thompson of Thompson Building Materials

terior stucco treatment is a g example. It's done in a heavy, ing texture which Wally Ca calls Old Mediterranean. Carte plastering superintendent George M. Raymond Co. who charge of wall and ceiling wor

The pronounced texture, e cuted in the brown coat, is c ered with Merlex stucco. The co coat is knocked down with a tro and finally a brush coat is appl wherever necessary to remove co variations.

Contrasting with this texture the massive stone chimney wh extends up the home's four lev

...ry was covered with a plaster ...coat ... interior and exter- ...followed by a colored stucco ... Tunnel dash was used on ...ons of the exteriors and stair- ...leading down to the beach. ...interior walls received a ...lace texture. Some areas, ...as bathrooms, were completely ...ed in marble. Ceilings were ...in a brocade texture.

As one of the nation's foremost ...der-developers, Ben Deane has ...stucco finishes for many years. ...building his own home, however, ...really pulled all stops to get ...ctly the effect he wished.

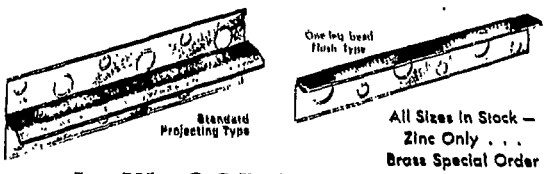
Promotion Names Drury

Robert C. Drury has been named Seattle area architectural consultant for the Lathing and Plastering Promotions section of the Northwest Lath and Plaster Bureau, Inc., according to Chairman Ernest A. Olson. He succeeds Bruce A. MacAulay, who left the program after 11 years to become manager of the Tacoma, Washington chapter of the AGC.

Drury, a graduate in Industrial Design from San Jose State, California, has been employed by the Boeing Company since returning to Seattle, and has been active in the 747 and 727 design program for the aircraft company.

He will headquarter in the Bureau's Seattle offices.

TERRAZZO BASE BEADS



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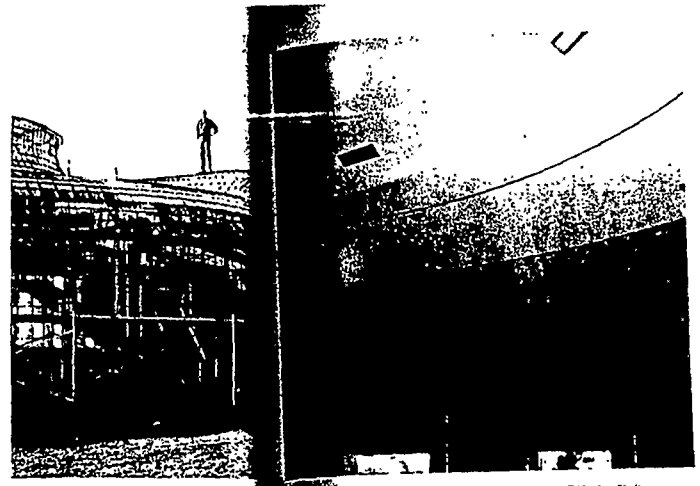


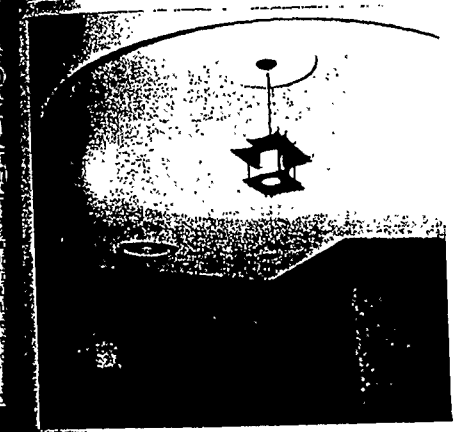
'Gas' Concrete-Vinlo
System Used in Ne
Oregon Restauran

The exotic new Hong Kong C
tonese Pavilion in Beaverton, O
gon, is the first use of the "Vi
Lox" method of gas concrete in
Northwest, but to the patrons of
establishment it may appear to be
"millionaire's dream" of concr
construction rather than the e

(Please turn to page 20-F)



• HARLEY JONES, lathing for
man, points out a pre-fabbed tru
he developed to provide adde
strength





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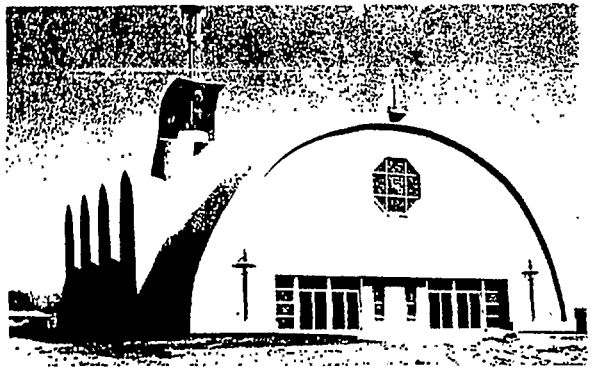

• COMPLETED VIEW of St. Mary's Church in Chicago where Vin-Lox was also used (photo by Paul F. Keatinge)

'GAS' CONCRETE *(from page 16-D)*

nomical installation as was designed by architect Frank J. Lapasso & Associates of Chicago and built with the cooperative efforts of Tri-City Lath and Lath and Plastering Company, and Billings & Cronn, Inc., of Portland, Oregon.

Tri-City put up the framework for the exterior and did the Vin-Lox application, while Billings & Cronn had charge of exterior wall completion and interior lathing and plastering featuring unusual shapes and forms to add interest to the cocktail lounge and restaurant.

The special concrete, machine-applied consists of a 4-inch coating of the material over gridwork of channel and metal lath. It dries in 30 minutes, needs no wetting to cure and provides good insulation because of the millions of air bubbles in the concrete which expand as the material is applied, reducing its weight and adding both strength and insulation—without the use of forms. The result is a one-piece strength shape—like an egg-shell.

For maximum weather resistance, the completed dome received a thin plastic coating.

The mix itself is a patented development incorporating a special additive to the portland cement and water which provides the "bubbles" characteristic which makes for a practical and economical installation.

* * *

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Colellas Again Honored

This year's 'Outstanding Sport man' award in Seattle went to sister-brother team, Lynn and Ri Colella, for their outstanding achiev ments in swimming, now worl renowned.

The young people are daugh and son of Mr. and Mrs. Richa Colella, he is an executive with S attle's Lone Star Industries.

Arthur Azevedo Dies

Arthur J. Azevedo, 68, promine Sacramento, California plaster contractor for more than 40 yea died in a local hospital January He was past president of the Ca fornia Lathing and Plastering Co motional and apprenticeship acti tractors Association.

Heimerl Takes Helm

In his first official action of t new year, 1972 president of t Contracting Plasterers Associati of Southern California, Bob H merl (Mowery-Thomasen, Inc.) p sided over an executive boa meeting at which other office were elected.

Larry Hoppe steps in as v president, and Cliff Varner becom treasurer.

New members on the executi board for two year terms are Bo Reeder, Reg Hayward, Keith Ca man, Mike Zellner and La Hoppe. Named to one year ter are Ted Hobbs, Mickey Gunth Alvin Rees, Larry Winston and K Lee.

Hold-over directors include Pa Calcaterra, Wes Froelich, Dick Ma tin, and Bus Ratliff.

James J. Rose is executive sec tary of the association.

• OFFICIAL FAMILY Contracti Plasterers Association of Southe California, includes, from LEF Cliff Varner, treasurer; La Hoppe, vice-president; Bob M merl, president, and James Ro executive secretary





• ROBERT TOORES, center, receives apprenticeship graduation certificate from Eugene Coshow, left, business manager Seattle Plasters Union and Frank Sherbondy, Jr., right, chairman Apprenticeship Committee, during December meeting of NW Lath and Plaster Bureau's NW Washington chapter

Spokane Firm Forms

Two former lathers, Roy Campbell and Richard Ingalls, have formed a new lathing and plastering contracting firm, Ingalls and Campbell, Inc., in Spokane, Washington.

Their operation to date has been brisk and successful.

Freeway Fences

The Western Conference of Lathing and Plastering Institutes is proposing that portland cement plaster fences be installed near freeways.

It is felt this practice will serve as a sound barrier and also add to the esthetics of freeways.

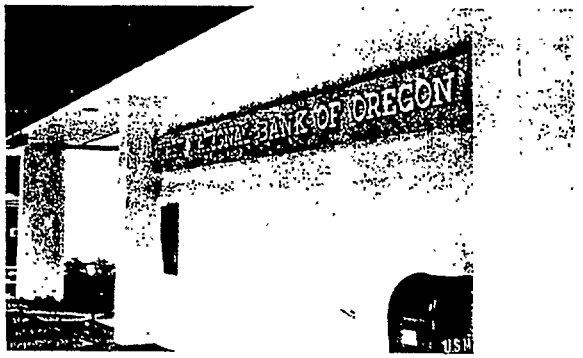
4-hour Protection

The City of Los Angeles has given approval to a Permalite-perlite aggregated exterior portland cement plaster for 4-hour protection of steel columns.

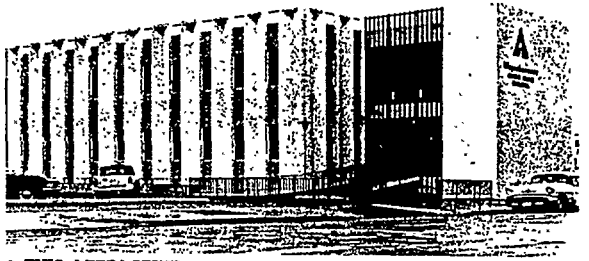
The method is described in Research Report No. 23722.

Change Is Challenge

Speaking before the National Ready-Mixed Concrete Association meeting, newly named Portland Cement Association president Robert D. MacLean declared "Recognition of continuous change is an essential prerequisite for the future business posture."



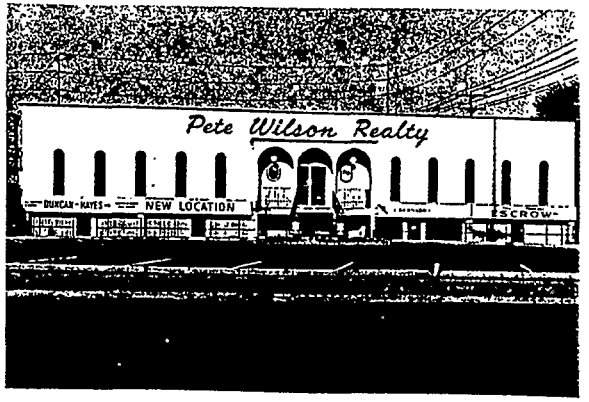
• EFFECTIVE USE of marblecrete on Eugene, Oregon's, First National Bank of Oregon. Work was included in assignment in charge of Twin City Enterprises, Inc.



• THIS ATTRACTIVE new building, surface plastered with Trinity White portland cement, was recently completed by Longview, Washington contractors Nipp and Tuck and is the Weyerhaeuser Lumber Company's Credit Union building. Robert Kellogg was general contractor

Handsome Marblecrete Job

This handsome project, recently completed by Tri-State Lath and Plastering Company of Portland, Oregon is the Pete Wilson Realty headquarters. Robert Hansen was architect and Hap Arnold, builder. Supervised by Sandy Sandersock. Virgil Judkins was lathing, and Noah Davis, plastering foreman. A. McMillan and Company supplied the Nanome marble chips, and Rose City Building Materials, the remainder of the job requirements.





• G. P. SMEDBERG Company did this attractive marblecrete and texture portland cement plaster job on a Seattle Clinic. As a result of this the contractors asked them to do similarly on a motel, two apartments and another rest home (good work begets another)

People Can Be Persuaded Easier When . . .

• You know what motivates each individual and particularly when understanding what is important about the matter in question with each specific person.

• You understand his personal standards for doing things so that you can place top emphasis upon them.

• You handle a contact calmly and with the utmost courtesy to the other person and particularly those which explain how the subject can be used to his maximum advantage.

• You are consistent with the ideas that you give to the other person.

• You place particular emphasis on what the idea being offered can do for each specific individual and not for the average one.

• You listen carefully to what the individual has to say about the matter as it is presented and skillfully use such information to advantage.

• You give each person a very definite and personal reason for following through every time any suggestion is presented.

• You always present the suggestion to each individual as just that, i.e., a suggestion, and never as an order to act.

• You overlook no small detail concerning the subject with respect to the individual's requirements.

• You express complete confidence in what you are presenting through tone of voice, how it is handled, etc.; confidence which transmits itself to the other person.

• You always keep yourself informed enough about the subject matter so that you can answer any reasonable question the other fellow may present.

• You always take a moment out of the conversation to ask the other person for his reactions to what has been presented to him.

• You never fail to convince the other individual that he has an immediate reason for promptly following through on what is being proposed.

• You are able to convince the other person that there is no possible reason for the individual to check elsewhere before coming to a decision.

• You never fail to assure him that the firm will live up to the promises that have been given him with respect to the matter.

• You approach each contact with another person as an opportunity to be of service rather than as a sporting joust for a victory.

• You never lose sight of the other person's viewpoint toward yourself, the firm and what is being proposed, so that you can have maximum guidance in presenting those convincing points.

Pay Board Must Avoi
An Image of Partialit

by ARCH N. BOOTH
Executive Vice President,
Chamber of Commerce of the U.S.

Business did not support the A
ministration's New Economic Poli
because they approved of peacetim
economic controls. Rather, they ga
their support because of a wid
spread feeling that some dramati
decisive action was necessary to r
store public confidence in the eco
omy.

In other words, the psychologic
impact of the policy is its most im
portant component. If people belie
that inflation will end, they w
stop trying to compensate for it, a
thereby stop contributing to it.

There is another side to that coi
of course. If people lose confiden
in the anti-inflationary effort,
they come to think of it as just a
other political publicity stunt, the
all the control machinery the go
ernment can devise will be doome

Public confidence, therefore, is al
important.

What have the people seen thi
far? Unfortunately, they have se
Congress vying with the Pay Boa
to provide special concessions
powerful unions.

Congress has actually passed a la
requiring that retroactive wage in
creases be permitted, under certa
conditions. The conditions insu
that only a few unions and a lot
government workers will be likel
to benefit from the loophole.

Meanwhile, the Pay Board grante
a wage increase to the soft-co
miners that is three times the si
of its 5.5% "guideline."

The Board excuses its behavi
with the explanation that it's ne
essary to allow some unions to "cat
up" with other unions' wage i
creases.

What procedures has the Pay Boa
to allow other workers to "cat
up?" There are none, of course, b
cause of the practical difficulty
adjudicating each individual cas
and because if too many raises a
permitted to exceed the guideline
then there might as well be
guideline, and no Pay Board.

It is true that high wage increas
for a relatively few union worke
will not make a serious direct co
tribution to inflation. But it is al
true that if the war against inflatio
is to succeed, the general public mu
believe it is being prosecuted vigo
ously.

Sometimes it is not enough merel
to avoid evil. Sometimes it is nece
sary to avoid the *appearance* of evi
as well. This is one of those time

PARTITIONS —*(from page 16)*

thing apart from them, they are in
"oneness" with them.

They can be more economical.
For example, many other types of
partitions are not economically
feasible unless they are ordered in
large quantities or where the space
for which they are designed is mod-
ular. For instance, an office build-
ing with many different space re-
quirements might have such a va-
riety of different partition design
needs that if it solved them with
prefabricated partitions, it might
not require enough quantities of the
same partition designs to justify re-
ceiving a volume price on them.
On the other hand, many lath and
plaster partitions take advantage of
their inherent custom quality.

One of the most economical plas-
ter partitions ever developed is
completely erected from the floor
side of shaft openings, thus elimi-
nating any need for scaffolding in
the shaft. Piping and conduit are
easily installed through the punch-
outs in the studs, because it is a
hollow partition. The positive bind-
ing of the shaftside lath, the lath-
ing clips and the steel studs by the
lightweight aggregate-gypsum back
plaster creates a composite con-
struction which is more than strong
enough to resist the air pressures
that build up in the shaft by the
movement of high speed elevators.
This new shaftwall is constructed
of standard components manufac-
tured by several manufacturers and
weigh less than 12 pounds per
square foot.

They can be more feasible for
larger areas. This is because of their
construction and strength.

They can be installed easier
and quicker. For example, some
partitions of materials other than
lath and plaster require a consider-
able amount of bracing to such
areas as floors, ceiling, walls and
then repair of these surfaces.

For another, many lath and plas-
ter partitions can be installed more
quickly than drywall construction.
For instance, projects on which ve-
neer plaster is used for interior fin-
ishing are often lathed and plaster-
ed on one day and painted the next
day, which is about two days quick-
er than it takes to install gypsum
wallboard, reinforce the joints and
cement the joints and the nailheads.

They can be stronger, more
durable and safer. Most of them are
stronger than partitions of most
other types of materials and will
last the lifetime of the building.
Also, because of their construction,
including their fixed quality, most
of them are less subject to earth-
quake damage. For example, sev-
eral gypsum manufacturers are now
marketing both one and two coat
veneer plaster systems with com-
pressive strength of 2000 PSI and
more. Although the plaster is ap-
plied only 1/16" to 1/8" thick, at
this strength it is adequate to resist
the heaviest abuse that might be
encountered in many types of com-
mercial buildings, and without any
need for covering with expensive
vinyl fabrics. Also, the veneer plas-
ters take all types of paints and
enamels without showing areas of
uneven sheen.

6. They can be decorated and re-
decorated easier. As differentiated
from most other types of partitions,
which have such specialized ma-
terials and finishes that they re-
quire costly decorating and down-
time in factory redecorating, most
lath and plaster partitions are dec-
orated and redecorated on site with
more conventional finishes, cover-
ings and procedures.

Veneer Plaster Systems

According to Paul F. Stark, prod-
uct manager, Plastering Materials,
of United States Gypsum Company,
"Getting a job done within time,
cost and occupancy schedules is
perhaps the most important factor
in the choice of a partition system.
Time and time again veneer plas-
ter systems have demonstrated their
ability to meet these criteria while
providing additional benefits—ver-
satility, durability and high sound
resistance," he states.

Stark cites three installations of
the one-coat Imperial plaster sys-
tem which illustrate how readily
veneer systems can meet today's
specialized building needs:

"Unexpectedly high costs almost
halted the construction of the new
Georgia Baptist Children's Home,
in Hapeville, Ga., when the original
facility was due to be razed for air-
port expansion. Finally, United
States Gypsum and contractor A.
A. A. Plastering & Drywall Com-
pany were asked to suggest a parti-
tion system which, while economic-
al, would resist the rough-and-
tough usage expected and meet the
critical time factor. With the fast-
moving Imperial plaster system, the
job schedule was set in days—not
weeks. Fifteen cottages housing
children with houseparents, staff
apartments, an activities building
and a gym plus the chapel were

(Please turn to page 35)

* * *

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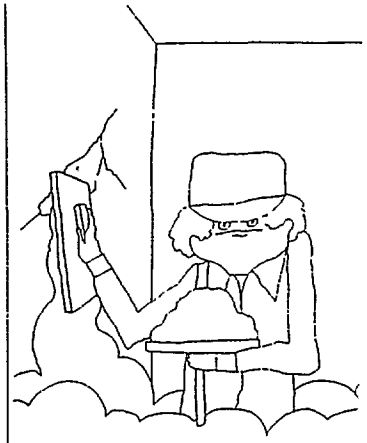

There's a trick to bonding plaster and stucco to painted surfaces.

The trick is as old as your hat, if your hat is 20 years old. That's how long Weld-Crete® and Plaster-Weld® bonding agents have been successfully "welding" cement and plasters to sound surfaces, including tricky painted surfaces. It's important; you can save enormously on time, labor, and materials if you apply the finish directly over the bonding agent to a soundly adhered painted surface, thus eliminating the mechanical key necessary for multiple coat cement and plaster finishes. Weld-Crete® and Plaster-Weld®, the *originals*, assure you of a tight, secure job on exterior and interior surfaces with results you can hang your reputation on. Write for our *Bulletin #59* on how to determine suitability of painted surfaces. There's really no trick to it once you get the facts.



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LET'S GET TECHNICAL

Smooth Troweled Portland Cement . . . Discourage It If You Can

By THOMAS GEARY

Calaveras Division — the Flintkote Company

It's best to discourage the specification of a smooth-troweled surface on cement plaster unless such surface is absolutely necessary. Smooth-troweled cement plaster walls and ceilings are a more critical installation in terms of resistance to cracking than rougher surface applications (texture, sanded).

Problems such as random cracking and a tendency for the cracked sections to curl outward are more common to smooth surfaces than to textured surface plastering. These problems occur in smooth surface plaster application because there is greater imbalance between coats of plaster, resulting from greater stress developing in the plaster membrane.

A desirable alternative to a very smooth surface is a sand-float finish that has received special treatment. Such treatment involves the delayed embedment of grains of sand using a steel trowel, followed by painting. One can achieve a non-abrasive, sanitary, non-absorbant and easily cleaned surafce on sand-float cement plaster with delayed embedment troweling and few coats of paint.



• THOMAS GEARY

However, if a smooth-troweled finish MUST be applied, extra precautions should be taken to maintain the integrity (reduce stress) in the plaster membrane. The best way to accomplish this, assuming all other conditions are favorable, is to allow the finish coat to TAKE UP PARTIALLY BEFORE TROWELING. Not only will greater compaction of the plaster occur on a slightly firm surface, but also the problems of random cracking and crazing will be avoided or greatly reduced. This is because the tendency to over-trowel will be reduced if the surface has set partially. The random cracking and crazing associated with early and excessive troweling is caused because too much cement and fine portions of sand are forced out of the mix to the surface.

Here are some general tips in preparing good plaster for smooth surface application:

1. Use plastic cement and 30 mesh sand to mix the third coat, unless integral color is desired, in which case manufactured stucco should be used. Lay on the third coat and float it to a true, plane surface. Allow the plaster to take up to the extent that it doesn't flow ahead of or under the trowel, yet hasn't solidified completely. Then trowel the face LIGHTLY to embed protruding grains of sand. Avoid excessive troweling and do not burnish the surface.
2. It is suggested that the total plaster mix be kept in the range between three and one-half and four and one-half volumes of sand per volume of cement; in other words, about four cubic feet of sand per bag of cement. Maintain good control of mix water content, and keep the amount of mix water as low as possible compatible with good workability in the plaster. The less mix water used, the better will be the finished job, all other factors being equal.
3. The ratio of cement to sand should be approximately the same in all three coats, to reduce the possibility of stress developing in the surface. It is also helpful if very fine sand is not used in the mix for the two base coats.
4. A well-graded plaster sand is coarser in gradation than masonry sand, and is preferred.
5. Moist curing with a fog spray is recommended IF ADVERSE DRYING CONDTIONS ARE PRESENT: However, on normal interior portland cement installations that are free of air currents, no water spraying is needed.

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Portland Cement Specifications

ANSI Standards A42.2 and A42.3 on Portland Cement and Portland Cement-Lime Plastering and Lathing and Furring for same (A42.3) were approved on December 19, 1971.

According to ASTM (the sponsor of Committee A42) the standards should soon be available.

Prices are as follows:

1-99 copies	$3.00 per copy
100 copies	2.39 per copy
200 copies	1.30 per copy
500 copies	.65 per copy
1,000 copies	.43 per copy

American Society for Testing Materials, 1916 Race Street, Philadelphia, Pennsylvania.

C-Steel Thermal Studs

USS Super-C Steel Thermal Studs a "major breakthrough in framing design for residential, institutional and light commercial structures," according to U. S. Steel, were introduced at the Houston National Association of Home Builders Exposition.

The steel thermal stud was developed and tested by a U. S. Steel research - development - marketing team, according to Robert J. Ritchey, general manager-residential construction marketing, for the steel firm. It is fully competitive and superior in performance to anything now on the market, he says.

"U. S. Steel's research team has found a way to substantially reduce heat flow through exterior load-bearing walls at stud locations with

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- Assembly and disassembly in less than three minutes by one man.
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Shown

(2) Model 660 Scaffolds with 5" brake casters
(2) PB300 Brackets
(1) Plate to cover gap between units



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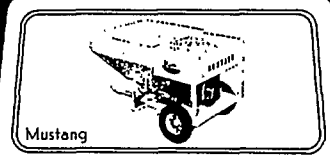
TECHNICAL POINTS

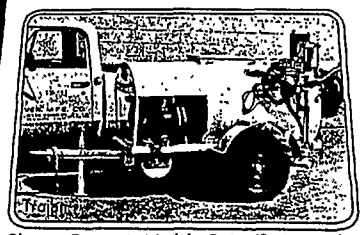
this new product. This improved thermal performance allows inside and outside wall surfaces to stay free of objectionable 'ghost-marking," he declares.

Temperature differences on a wall surface are the primary cause of "ghost-marking" which results from the tendency of dust particles to migrate to cool surfaces more readily than to warm surfaces. Slit steel studs have lower-thermal con-



acoustic & texturing machines





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GLOVER MANUFACTURING COMPANY

New Members of iaWC

New members of the Inter tional Association of Wall & C ng Contractors recently enrol include:

Khalil Bennett, Sacramento, California;

Cook & Riley Paint Contractor Nettleton, Mississippi;

Decks, Inc., Rolling Meadows, Illinois;

Engler, Meier and Justus, Inc., La Grange, Illinois;

The Levy Company, Skokie, Illinois;

Southeastern Plastering Co., Inc Miami, Florida;

Maritime Drywall & Taping Company, Halifax, Nova Scot

Max True Plastering Company, Tulsa Oklahoma;

Al Bryant Inc., Harrisburg, Pennsylvania.

A new associate member — Grefco, Inc., Oakbrook, Illinoi

ductance than unslit steel st That is why walls constructed w Super-C Steel Thermal Studs m tain a uniform appearance throu out the normal redecorating c of a typical home or apartm Ritchey points out.

Super-C Steel Thermal Studs strong and durable, according Ritchey. Results of structural t show that wall panels using new product meet the latest F and the proposed HUD requ ments for impact and wind lo for load-bearing members, acco ing to the steel spokesman.

Super-C studs are nestable. flange is slightly narrower than other so two studs can be nested form a tubular section. Nestabil also saves shipping and stor space and makes handling eas

Citing other advantages of new steel stud, Ritchey says the al studs stay straight, won't w twist, shrink or swell, which elim ates the cause of most wall cra offer long term performance cause corrosion, termites, rott and other forms of deterioration out of the question when hot-d ped, galvanized steel is used; are nonflammable.

Super-C Steel Thermal St come cut to any desired length are available in widths of 3 and

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nches. Both widths have 1½ and ¾-inch flanges for nesting and are available in 14, 16, 18 and 20 gage steel thicknesses. They can be used in one, two and three-story buildings and are suitable for on-site construction, two-dimensional panel systems and three-dimensional modular systems.

Open channel steel runner track is available to accommodate the new steel product. The track is designed to frame walls horizontally at the top and the bottom and to frame door and window openings horizontally. Runner track is cold formed from galvanized steel sheet, according to Ritchey.

For further information United States Steel, Room 2149, 600 Grant Street, Pittsburgh, Pennsylvania 15230.

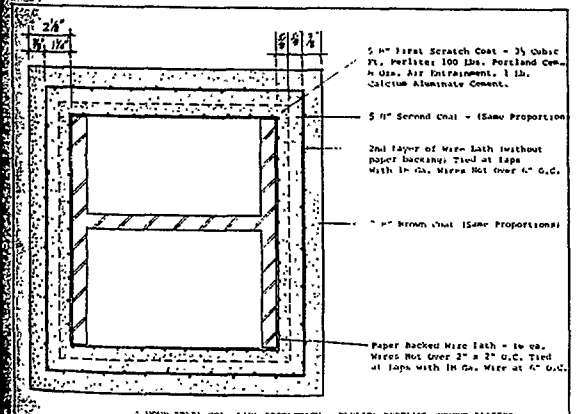
Permalite Gains Approvals

Redco, Inc., producer of Permalite aggregate, announces two new product approvals of significance to the construction industry.

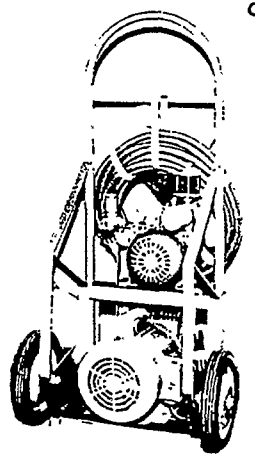
The first covers the use of its perlite in portland cement plaster, both as a straight substitute for sand and blended "half and half" with sand. There are several advantages from the contractor's viewpoint. With lighter weight mortar, production tends to increase. It may also improve results in the "double up" method of scratch and brown coat application. Considerable research on this procedure has been done throughout California.

Greater water retention of the mix means that the perlite ingredient will improve hydration of cement. And with availability of good plastering sand declining, the product provides a better than equal substitute.

Second phase of the approval, covered by the same research report issued by the city of Los Angeles, authorizes use of Permalite portland cement for four-hour steel column fire protection. There are many subterranean garages in high-rise structures and columns in other areas exposed to the elements where this construction can be used to good advantage, according to the manufacturer.



Here's what the DRYTEX (PLASTER-TEX) Portable Texture Gun can do for you...



The DRYTEX Texturing Machine enables you to rapidly apply nearly any type of texture coating on dry wall, plaster, masonry, steel, etc. A wide range of pleasing textures is easily obtained, varying from "fine orange peel" finishes to coarse "acoustic type" textures that are so popular with today's home buyers.

Although DRYTEX has a rapid covering capacity, the journeyman on his first job can easily produce a perfectly uniform finish with no lap marks or joinings. This, combined with the machine's simple, dependable operation assures you of a low application and substantial savings over other methods of texturing walls and ceilings. DRYTEX is practical for all kinds of texturing jobs. On very large projects, multiple DRYTEX units offer great flexibility at low cost.

*

This equipment may be purchased under Plastertex or Drytex trade name. Write for literature.

DRYTEX PORTABLE TEXTURE GUN - Box U, Walker, Minn. 56484



"How shall I record this in your 'Performance on the Job' form Miss Finch?"

◦ NEW LITERATURE, PRODUCTS ◦



Respirator (pictured): American Optical Corporation has developed the DUST DEMON . . . a low cost disposable respirator for use in areas where dust from cement, sanding, asbestos or concrete can cause breathing problems. AO DUST DEMON respirators are approved by the U.S. Bureau of Mines —and, therefore, meet requirements of the Occupational Safety and Health Act for protection against dusts and mists. Since the unit is disposable, there is no cleaning or maintenance . . . only convenience.

American Optical Corporation, Safety Products Division, Southbridge, Mass. 01550.

George Edward Simpson, 63, founder of G. E. Simpson Plastering Company, Birmingham, Alabama, died January 22.



Automatic Machine Drills Plank and Inserts Steel

Plank may be plank to most ple, but to the contractor th considerable difference betw

▪ New Products

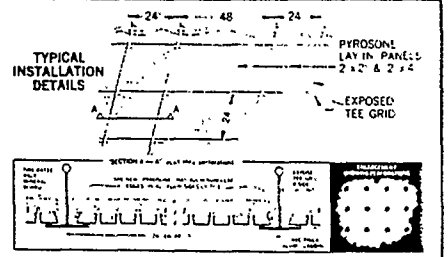
wood and poor wood supports. And that difference is important from both cost and safety angles.

Any contractor seeing how dimension lumber is processed at Bliss Lumber Co., 7151 Telegraph Rd., Los Angeles, would have to admit Bliss planks will undoubtedly perform better than those prepared in his own shop.

The fact that Bliss buys a better grade of lumber is important, but the real payoff lies in the method of reinforcing to insure against end splits. A patented machine does the job almost automatically. Holes of 5/16 in. diameter are drilled 6 in. from each end. Then ⅜ in. reinforcing steel is mechanically pounded into place, resulting in a much tighter fit than is possible by hand.

Next, units are cut to length and all four corners sawed diagonally so they'll stand a better chance of surviving hard knocks—plus eliminating sharp corners as a safety consideration. Finally, the ends are sealed with paint.

THE NEW PYROSONE® ALUMINUM-CLAD "LAY-IN" | FIRE RATED – 2 HOUR



PERFORATED, ALUMINUM-CLAD, ACOUSTICAL, NON-COMBUSTIBLE, FIRE-RATED, HIGH DENSITY, MINERAL BOARD CEILING TILES.
Baked white enamel finish

LOW COST LARGE MODULE UNITS

SIMPLEX CEILING CORPORATION
Perforated aluminum pan specialists for over a quarter of a century
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SMOOTHER SPREADING ZIG ZAG® LIMES



OHIO® LIME COMPA

OHIO® WHITE and HAWKSPRE
WHITE FINISH LIMES - Type-

SPREADS LIKE BUTTE
FOR A TOUGH WHITE FIN

- Always uniform in texture and quality.
- Highest degree of workability with mi shrinkage.
- Takes a good polish.

For further information write...

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A Subsidiary of General Refractories Company

GOOD LIME IS OUR BUSINESS

OHIO® WHITE AUTOCLAVED
FINISH LIME - Type-S

Here is a finish lime with all the fine qualities, which needs no soaking to bring it to maximum workability.

- TROWELS LIKE BUTTER
- WORKS FAST AND SMOOTH
- CAN BE MACHINE MIXED
- GIVES A LONGLASTING DURABLE FINISH

AS FOR THE LIME IN THE ZIG ZAG® BAG



. . . New Products

Publications-Visual Aids

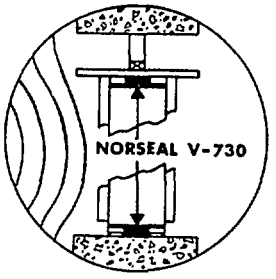
An extensive list of Publications relating to Gypsum Products in all aspects, and a number of Visual Aids on the important subject are available.

For a complete Catalog of the items together with prices, address the Gypsum Association, 201 N. Wells Street, Chicago, Illinois 60606.

Hammer: The 747 Roto Stop Hammer lets the user select impact with or without rotation at the flick of a lever. Significance: This 9 amp., 13.2 lb. tool not only, efficiently, drills holes up to 1½" diameter in concrete, but also installs all sizes of Phillips Red Head Self-drilling Anchors faster and with less effort than any other method.

Phillips Drill Company, Inc., reports that their new "systems designed" 747 Roto Stop Hammer embodies the most significant design improvement since the first Rotary Hammer was introduced more than a decade ago.

For a demonstration, catalogs, or further information on the 747 Roto Stop Hammer, contact Phillips Drill Company, Inc. P.O. Box 364, Michigan City, Indiana 46360.



ACOUSTICAL

Acoustical Sealant (pictured): Development of a new line of acoustical sealants offering higher performance and longer life than conventional sealers is announced. Call NORSEAL V-730 series, the n pressure-sensitive foam sealant specially formulated to stop pe meter sound leaks in wall partiti systems.

Further information, Fred Regg product manager, Norton Compan Sealant Operations, Granville, N York 12832.

Catalog: The Hilti DX 400 powd actuated fastening tool is describ in a new 10-pg., full-color brochu Interchangeable heads allow t DX 400 to handle virtually any quirement for medium duty faste ing into concrete or steel. Includ specifications, Illustrations of ty ical applications and a list of co plementary stud and pin fastene Hilti Fastening Systems, 360 Fa field Ave., Stamford, Conn. 0690

RUGGED PORTABLE MIXERS

Standard Electrics | Heavy duty Electrics

CATALOG NUMBER	100 16	100 30	200 16	200 H 16	200 30	200 H 30
BARREL CAP., GALS	16	30	16	16	30	30
MOTOR HP	½	½	½	½	½	½
RPM, MIX BLADE	290	290	290	415	290	415
BLADE RECOMMENDED	A	A	B	B	A	A
POWER NEEDED	115 V	115 V	115/230 V	115/230 V	115/230 V	115/230 V
PRICE	169 50	189 50	219 50	219 50	239 50	239 50

Ideal for:
• COATINGS
• DRY-WALL
• PLASTER PAINT
• ACOUSTICS
• EPOXIES

from $169.50

For prices and information, write:
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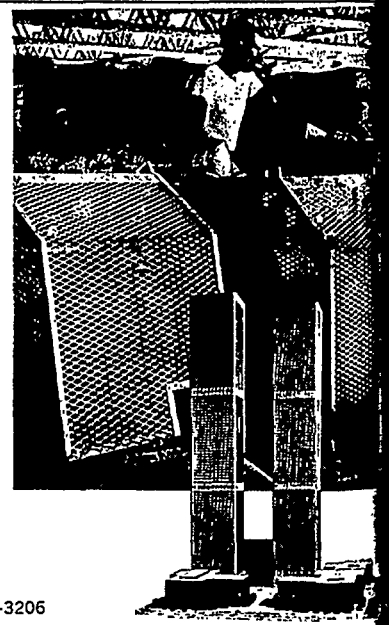
Universal Poly-Spray Machines Fireproof World Trade Towers



To handle the world's largest fireproofing job — the twin, 110-story tower buildings of New York's new World Trade Center — Mario & DiBono Plastering Company is using 30 Universal A-200 Poly-Spray machines.

The rugged, versatile A-200 Poly-Spray is the only machine capable of conveying and applying any and all spray insulating materials — from light density spray fiber through finishing cements. The A-200 Poly-Spray's patented feeder-shredder design makes possible, for the first time, high volume production without sacrificing coverage or finish.

Be your own judge of how the A-200 Poly-Spray can pay you good returns. Write for complete information; no obligation.

Unisul Inc.
Manufacturers of Universal Insulation blowing and spraying machines.
P.O. Box 1371, Winter Haven, Florida 33880 Phone: 813/294-3206

COMPANIES AND PEOPLE

Lady Lather

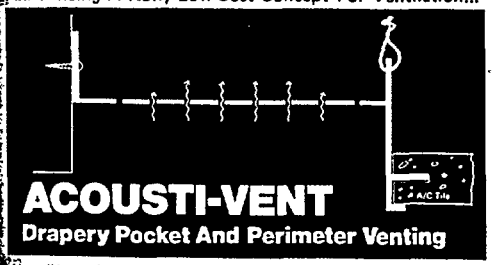


Although many young people decide they'd like to become lathers, there aren't too many girls on union apprenticeship rolls.

Joan Grigsby of Sacramento is one of them. The attractive 23 year old brunette pitches right in and carries her share of the load. Even when the guys offer to help with a heavy bundle of stucco netting, she turns them down and handles it herself. "I don't want to get them in trouble with the boss or me either," she says.

It all started when her brother-in-law, a lathing contractor, once challenged her to tackle the job of rolling up building paper and stucco wire. She tried it and liked it. Now she's waiting for approval of her status as a lathing apprentice.

Announcing A New, Low-Cost Concept For Ventilation...



ACOUSTI-VENT
Drapery Pocket And Perimeter Venting

New "Acousti-Vent" from Fry Reglet is a departure from conventional ventilation ideas. Installed above and between window glass and drapery, Acousti-Vent will:

- Equalize temperature between glass and drapery, both incoming and outgoing air . . . lower heating and a/c costs.
- Reduce uncomfortable downdrafts and cold gusts near windows.
- Reduce window fogging, thereby decreasing window cleaning costs.
- Reduce window breakage where extreme temperature causes glass expansion & contraction.
- Reduce drapery wear by reducing the extreme temperature and humidity variations which cause deterioration.
- Made of extruded aluminum, Acousti-Vent is available in a variety of configurations and sizes for application with plaster, gypsum, concrete or other materials.

Extensive laboratory tests (available on request) have confirmed Acousti-Vent's efficiency in air flow between glass and drapery.

Write today for brochure, test reports, prices, samples.

FRY REGLET Corporation
801 West Milford Street, Glendale, California 91203 / Phone: (213) 245-9471

Marble Chips *for* Marblecrete

your big opportunity in lathing and plastering!

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Marblecrete—Exposed Aggregates—

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Depends upon a reliable source of supply

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These firms offer dependable chips in a wide range of colors and sizes

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CONTACT OFFICE NEAREST YOU

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The Georgia Marble Company
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Atlanta, Georgia 30303

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Colonna & Company of Colorado, Inc.
Canon City, Colorado 81212

•

Terrazzo & Stone Supply Company
645 N.W. 42nd
Seattle, Washington 98107

Companies ... People

Celotex Names Herbert

William D. Herbert has been named president of The Celotex Corporation, building materials subsidiary of Jim Walter Corporation, succeeding Eugene R. Katz who will become chairman of the board.

Herbert, 51 has been executive vice president of Celotex since 1970. His career in the building materials industry began in 1945 as a salesman for the Barrett Division of Allied Chemical Corporation. He was vice president of marketing when Barrett was acquired by Jim Walter Corporation in 1967 and merged into Celotex. Herbert served as general merchandise manager and later as vice president-marketing of Celotex prior to assuming the administrative duties of executive vice president.

Katz, 62, a vice president and director of Jim Walter Corporation, has served as president of Celotex since 1966. He joined Celotex in 1963 when Warren Industries, a window and door screen manufacturer which he co-founded, was acquired by Walter.



• W. D. HERBERT



NOT A SOUND IN A CARLOAD

HI-SORB ACOUSTIC

A setting material applied in continuous passes to a full ½ in. thickness, producing a noise reduction coefficient of .60. More production per man hour, more profit per bag. Choice of 10 striking colors.

Samples and Literature Available

Distributor: California Stucco Products, San Francisco (EX 2-2210)

HIGHLAND Stucco AND LIME PRODUCTS, INC.
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(213) 873-1276
(213) 785-3131

Hanover No More

When this magazine sta... publication in Febru... Hanover Plaster was its first g... sum products advertiser.

There began a long and frui... relationship with the compa... and its personnel — the l... George Lunday introduced ... publisher to his wife at a me... ing in Salt Lake City. Then s... manager George N. Short, ... came a counselor and edito... contributor to the growing ne... phyte publication, and Northw... district manager Walter D. Le... became a neighbor and clo... friend, later went on to Weste... Gypsum, Bestwell and Certa... teed and now manages the orga... ization of Consulting Engine... in Seattle.

Now owned by Ideal Cem... Company, the town of Hanov... and its once-flourishing mi... type gypsum operation, cem... and lime plant, is being clos... down after being inoperative ... several years, and the 16 hom... school, hotel and store are bei... torn down. The houses are ... stucco and brick. At one ti... more than 300 men were e... ployed in the plants, and the l... two families who remained ... watch over things, are movi... soon to Utah.

Nebraska Names Johnson

Howard Johnson has been na... Executive Director of the Nebra... Bureau for Lathing and Plaster... and will maintain offices at ... North 46th Street, Omaha.

Johnson has been a lathing, p...



• HOWARD JOHNSON

WALLS AND CEILIN...

Companies ... People

...ering and stucco contractor in the Omaha area since 1948. He is a charter member of the Nebraska Master Plasterers Association and its secretary-treasurer since 1954.

He was among those who helped form the Bureau in 1954 and has been its president on several occasions.

...Makes Scholarship Awards

The New Jersey Bureau for Lathing & Plastering, through its Executive Director, John Di Cesare, Jr., has announced the establishment of a $500 annual grant program for architectural students having permanent residence in New Jersey. The program is being maintained by the Scholarship Foundation of the New Jersey Society of Architects.

According to Mr. Di Cesare, the grants will be made to students who show marked scholastic achievement and talent in the field of Architecture. Choice of recipients will be determined by the Board of Trustees of the Scholarship Foundation based on information provided with applications made to the N.J. Society of Architects. Other corroborating sources will also be used. Deadline for the receipt of applications is April 1st of each year.

• JOHN Di CESARE



• MEETING WITH the New South Wales Association, members of the iaWCC extended convention and study group enjoy exchanges of information on industry matters. Photo was taken in Sydney, Australia headquarters of Association where Guy Cook is executive director

* * *

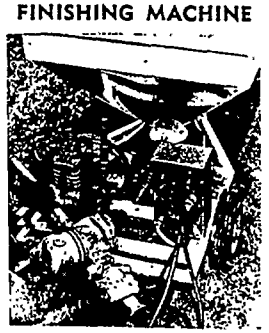
Cincinnati Elects Officers

Aaron Brown, Brown Plastering Company, has been named president of the Greater Cincinnati Lathing and Plastering Contractors Association for the ensuing term.

Vice president is Paul Guethlein, Ralph Guethlein Sons; treasurer, Edward Tasset, E. H. Tasset Company and secretary, Albert J. Brunemann, R. B. Brunemann & Sons, Inc.

• TWO MONEY MAKERS ... for Profit-minded Contractors!

FINISHING MACHINE



SPEED CONTROL

- Instant variable speed control at the nozzle, with any hose length.
- Works on any make gun.
- Control switch is absolutely waterproof.
- Puts all of the air at the air-stream where you need it.
- 12-volt operation.
- Job proven.
- Less mess, more profit.

INTRODUCING

The world's most versatile finishing machine. Operates as pump or mixer, with power supplied by ¾ in. Milwaukee drill.

- Great for textures, pick-up and patch work, fireproofing.
- Instant on/off control at nozzle with safe 12-volt operation.
- Ample air and power for 100 ft. of hose.
- Converts from pumping to mixing in one minute.

Dealer Inquiries Invited

VAR-E-SPEED MANUFACTURING CO.
P.O. BOX 85 - ROSEMEAD, CALIF
(213) 579-1090

Companies . . . People

Fry Names Representatives

With 1971 sales well over 1970, Fry Reglet Corporation, Glendale, California, has announced an expansion program featured by its move to a larger facility and the addition of three new sales representatives.

B. J. Tierney, Littleton, Colorado, has been named to the Rocky Mountain area. A fifteen-year veteran of National Gypsum Company, Barney was a District Manager in their Albuquerque and Denver offices, selling products used in lath and plaster, as well as drywall systems.

Midwest Architectural Products is Fry's new representative in North and South Dakota, Minnesota, Iowa and Wisconsin. Miss Audrey Brucker, formerly in Purchasing (lumber and plywood) with a major chain of lumber yards and a sales representative for Weyerhauser for three and one-half years, established Midwest Architectural about six months ago.

New representative for Fry in the Midwest area, Sound Sales, headquartered in Chicago, is operated by a couple of pro's — John Grant and Ed Limp — who boast 42 years in the sales of architectural products.

PCA Names Directors

Stepping up its communications and public relations efforts, the Portland Cement Association has created a new corporate public relations group and added a veteran market communications executive to the staff.

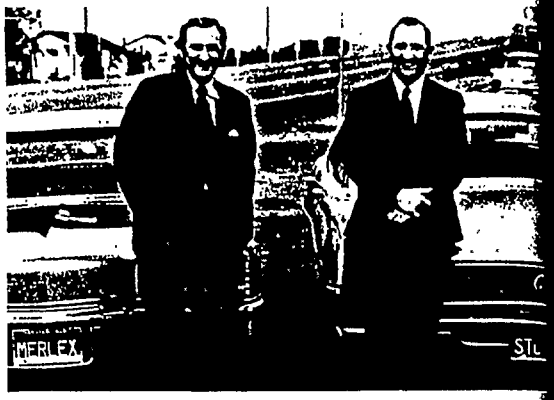
Max D. Moore, manager of public information when he left the Association in April, 1971, returns to PCA as director of marketing communications.

Moore succeeds George R. White who, in the newly-created post of director of corporate public relations, will work with Group Vice President Charles W. Reene in the development of a major industry-wide public relations thrust.

Top Kaiser Salesman

William M. Plummer, 20-year Bay Area-based sales representative has been named Kaiser Gypsum salesman of the year for 1971.

He currently represents Kaiser Gypsum's full line of products in the area.



Company Does Its Bit for Ecology

An Orange County stucco manufacturer is doing his bit—two bits, actually—to serve the cause of ecology.

Merle Ver Burg, president of Merlex Stucco in Orange, has the letters MERLEX on his auto license plate. His salesman, Charles Ray, sports the word STUCCO on his plate. Whenever the two cars are parked side by side, people are bound to get the message.

But his is more than a clever idea. The $25 per plate fee goes into a fund for study of air pollution, focusing on such problems as the effect of smog on plants and trees. The Department of Motor Vehicles reports that some 50,000 of these personalized license plates have been sold to date.

Ver Burg must think ecology is good for business, because he's really "cleaning up!" To combat contamination of the air, he has installed an elaborate system of dust collectors at his plant, thus giving a lot of other plants a chance.

National Re-Locates Two

George C. Miller, until recently National Sales Consultant for Gold Bond Building Products Division, National Gypsum Company, has been re-assigned to a Management assignment with the company in Denver, Colorado.

Robert W. Beitz, with a long background of sales experience with the Company, will assume Miller's former position.

To Pfizer Posts

Louis Bongiolatti, formerly
duction manager for the Pfizer
erals, Pigments and Metals Di
in Adams, Mass., has been n
kiln superintendent at the
pany's Gibsonburg, Ohio lime
limestone facilities. In his new
he is responsible for rotary kil
erations, including the start
a new 300-foot rotary unit in
cember.

Bongiolatti joined New En
Lime Company in 1938 and has
ed as kiln foreman, assistant su
intendent and mill and kiln su
intendent. He was named produ
manager at the Adams facility,
part of Pfizer, in 1964.

Also announced are the app
ments of Paul G. MacDonal
quarry superintendent and Har
Smith as plant controller at the
sonburg plant.

Swanson Takes New Po

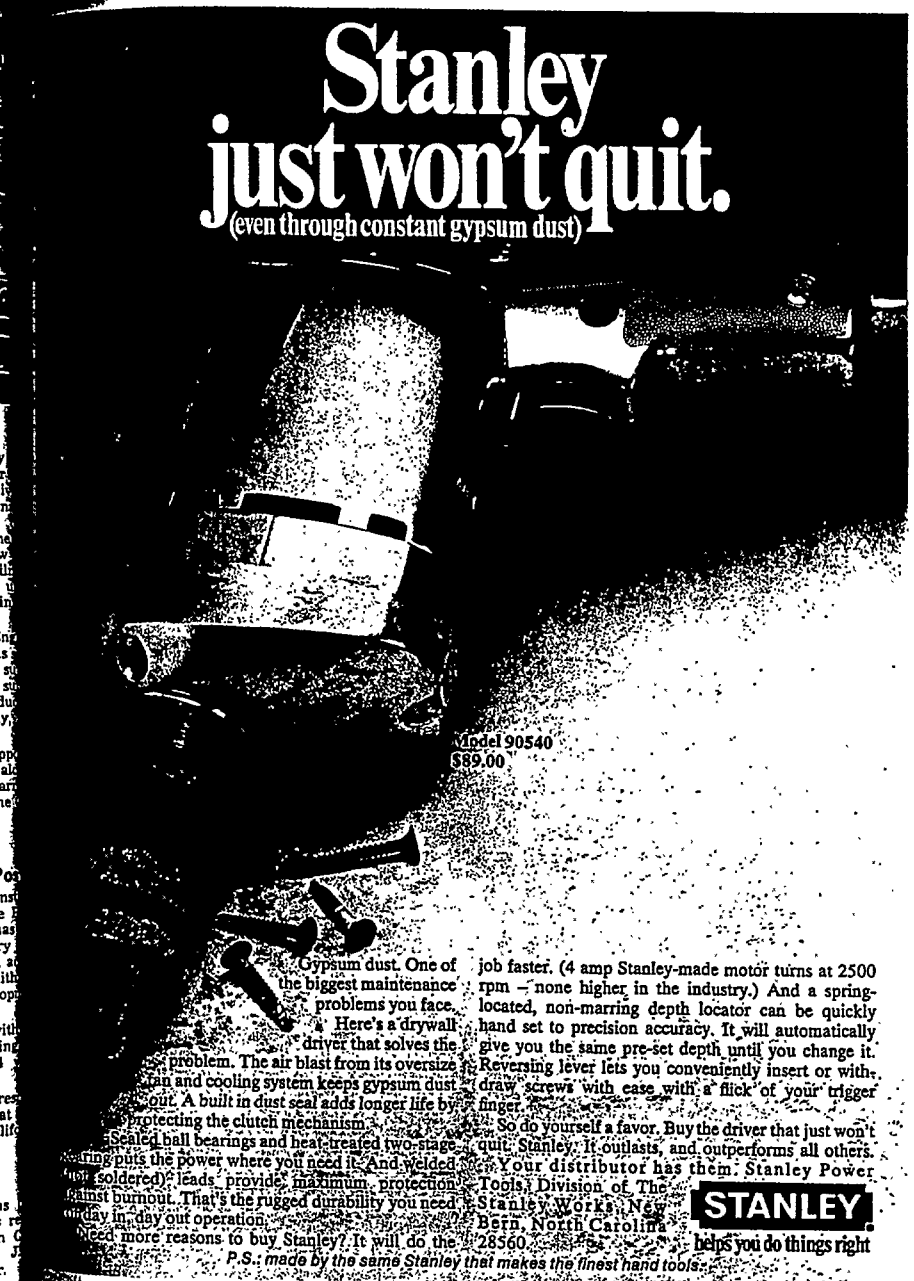
W. E. Swanson, director Cons
tion Industry Liaison for the
land Cement Association has
signed his important industry
effective February 1 and will a
a top level staff position with
Rancho San Diego Develop
Company in California.

Swanson was associated with
parent organization controlling
new projected town for 14
prior to joining the PCA.

Those who wish to corres
with him, may reach him at
Main Street, San Diego, Calif
92113.

Pruitt C. Ellerbee, Jr., has
appointed Atlanta area sales re
sentative for Kaiser Gypsum C
pany, it is announced by J.
Kelly, district sales manager.

Stanley just won't quit.
(even through constant gypsum dust)



Gypsum dust. One of the biggest maintenance problems you face.

Here's a drywall driver that solves the problem. The air blast from its oversize fan and cooling system keeps gypsum dust out. A built in dust seal adds longer life by protecting the clutch mechanism.

Sealed ball bearings and heat-treated two-stage gearing puts the power where you need it. And welded (not soldered) leads provide maximum protection against burnout. That's the rugged durability you need for day in, day out operation.

Need more reasons to buy Stanley? It will do the job faster. (4 amp Stanley-made motor turns at 2500 rpm – none higher in the industry.) And a spring-located, non-marring depth locator can be quickly hand set to precision accuracy. It will automatically give you the same pre-set depth until you change it. Reversing lever lets you conveniently insert or with-draw screws with ease with a flick of your trigger finger.

So do yourself a favor. Buy the driver that just won't quit. Stanley. It outlasts, and outperforms all others. Your distributor has them. Stanley Power Tools Division of The Stanley Works, New Bern, North Carolina 28560.

STANLEY helps you do things right

P.S.: made by the same Stanley that makes the finest hand tools.

THE

Meeting Calendar

March 5-10, 1972—Gypsum Drywall Contractors' International Association Convention, International Hotel, Las Vegas.

March 23-25, 1972—California Lathing and Plastering Contractors Association—Le Baron Hotel, San Diego (Exhibit space available)

April 17-21—The National Conference of States on Building Codes and Standards—5th Annual Conference—Boise, Idaho, April 17-21, 1972. (For further information contact: NCSBCS Secretariat, Building Research Division, National Bureau of Standards, Washington, D.C. 20231.)

April 20-22, 1972 — Northwest Lath & Plaster Bureau, Inc., Annual Convention, Hotel Vancouver, Vancouver, British Columbia.

April 21-23, 1972—iaWCC SE Conference in conjunction with Florida Lathing and Plastering Contractors Association meeting on board "SS Bermuda Star" on a 3-day cruise from Miami to Nassau, the Bahamas.

May 4-6, 1972—Texas Lathing and Plastering Contractors Association Annual Convention, Sheraton-Dallas Hotel, Dallas, Texas. (Exhibit space available.)

May 12-13—California Lathing and Plastering Contractors Association, Board of Governors meeting —Del Monte Hyatt House, Monterey, California

May 17 - 22, 1972 — iaWCC Board and Committees, Mountain Shadows Hotel, Scottsdale, Arizona

June 15-17 — iaWCC Great Lakes/Midwest Conferences, The Dells, Wisconsin

June 22-24, 1972—Mid-Atlantic and NE iaWCC Conferences, Edgewood Resort, Alexandria Bay, New York.

September 8-9—California Lathing and Plastering Contractors Association, Board of Governors Mid-Year Meeting—Palm Springs (location to be announced)

See Page 2 for a List of Special Events Sponsored by the iaWCC

September 22-27, 1972—55th Annual Convention, iaWCC, El Camino Real Hotel, Mexico City, Mexico (Exhibit space available)

September 27, October 1, 1972—iaWCC Adjourned Convention, Princess Hotel, Acapulco, Mexico

1973

April 12-14, 1973—NW Lath and Plaster Bureau annual convention, Chinook Hotel, Yakima, Washington (exhibit space available)

May 15-20, 1973—56th Convention, iaWCC, Disneyland Hotel, Anaheim, California (Exhibit space available)

September 6-11, 1973—iaWCC Board and Committees, Williamsburg, Virginia

Wheeling Names Hampshire

The appointment of John H. Hampshire, Incorporated of Baltimore, Maryland, as a distributor of Wheeling Steel Framing is announced by Wheeling Corrugating Company.

Wheeling Steel Framing comprises a light-weight structural framing system for roof, floor and wall construction. The system includes a complete line of nailable studs and cee studs, track and bridging, and nailable joists and cee joists to provide builders with a fast, economical structural framing method.

With a staff of 26 outside salesmen, the Hampshire company maintains a close working relationship with architects and engineers in the Tidewater area. Hampshire performs sub-contract work in lath and plaster, drywall, acoustical ceilings, resilient floorings, movable partitions, and gymnasium floors in its marketing area.

The ADVERTISERS

The following are the advertisers in the National Edition of WALLS AND CEILINGS. This listing does not include the many prominent firms advertising in regional editions (Eastern, Central, Pacific) only.

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Speed Fastener, Inc.
Stanley Works
U. S. Gypsum
Unisul, Inc.
Var-E-Speed Mfg. Co.

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General Relocates Lab

General Portland Cement Company's cement research and development laboratory has been relocated from Houston to Dallas, where it continues under the direction of J. Paul Luker, manager of research and development.

Equipment at the facility includes an x-ray laboratory, an infra-red analysis system and an automatic absorption analysis unit, as well as high-pressure thickening time testers, grinding mills, pilot kilns and other cement-related gear.

Established in 1951, the cement research laboratory has been instrumental in the development of several of the company's leading specialty products.

...TIONS —*(from page 21)*

...weeks ahead of the original schedule.

...conventional three-coat plaster in St. Mary's Cathedral ...convent, in San Francisco, would have taken 25 men ...months. Instead, plastering ...Al Knowles, with an average seven men and a foreman, ...22,000 square yards of the ...plaster system in three ...Applications of this system ...in the school. Walls were a ...coat of Imperial finish plaster ...⅝-inch Imperial plaster hand-applied.

...Builder Kenneth Hofmann used ...Imperial plaster system to promote home sales in Carlton Square ...in Livermore, Calif. Two years ago, he discovered that the system would effect savings in the overall production of a home while providing a superior wall finish that is extremely durable and easily maintained. Hofmann realizes a time savings of 20 days per house through the use of this system and the elimination of painting, except in kitchen and bath. Basically, the applications of the system makes it possible to apply lath one day and plaster the second. Plumbers, electricians, carpenters and other trades move in on the third day to begin finishing operations," he says.

Lewthwaite

STANDARD LATHERS' SET



- B Cutter
- Front Lever Bench Punch
- Fisher Bender

for cutting, punching and bending furring channels.

These portable, hand-operated tools, designed for the metal lathing field, are rugged and do the work well.

Send for catalog sheets with complete information and prices

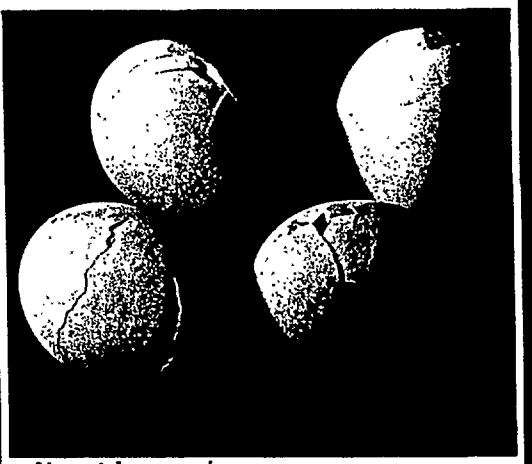
More than 75 years of experience goes into every Lewthwaite tool and it shows it!

(Front Lever Bench Punch Illustrated)

T. H. LEWTHWAITE MACHINE CO.

319 East 47th St., New York, N.Y. 10017

we're growing



You might say we're hatching-out all over the country.

We're growing. We've got four eggs in our basket all hatching nationwide service. And we're not talking about just more warehouses. We're talking about four manufacturing facilities located to serve all parts of the country. Casings Southern, Casings Western, Casings Eastern, and Casings Florida. We can't brag much about a better stud or corner bead than the next guy and we can't just say we use better raw materials to make our product. We can't even say our secretaries are better looking than the competition. But we can say we're growing...growing because of repeat business and referral business from satisfied customers. In our book that says it all. And speaking of our book, why don't you write for one? We'll rush a product catalog to you.

CASINGS INC.-EASTERN
19 New St. / P.O. Box 225 / West Middlesex, Pa. 16159

CASINGS-WESTERN INC.
2015 W. 140th Ave. / San Leandro, Calif. 94577

CASINGS-SOUTHERN INC.
2005 Country Club Drive / Carrollton, Texas 75006

CASINGS-FLORIDA INC.
1501 Southwest 2nd St. / Pompano Beach, Fla. 33060

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