

TECHNICAL POINTS

Technical Report

Following are salient points of the Technical Committee, co-chaired by Harry Daugherty, State Plastering, Inc., Gainesville, Florida, and Robert L. Whittle, Niehaus Interiors, Inc., St. Louis, Missouri: **Bases**—Metal Lath and Metal Accessories shall be named specifically in the title "Bases with Cement and Gypsum."

Gypsum Plaster—The specification for the application of regular gypsum plaster over radiant heating systems is adopted.

Line and Gypsum Finishes—The committee noted conditions under which galvanic corrosion of metal plastering components may occur and recommend further investigation and study. The committee also recommended development of a brochure on the use of Ornamental Plastering in contemporary architecture.

Portland Cement Plasters and Exterior Framing Systems—The committee recommends acceptance of the offer by the Metal Lath Association to analyze, review and edit on a technical basis, information for

a professional presentation. **Synthetic Matrix and Bonding Agents**—The second draft for two-component Epoxy Matrix has been completed after long and arduous sessions by the committee and submitted to the Technical Committee's Editorial Committee for publication. **Sprayed Fireproofing**—The committee recommends that the submission of the Sprayed Fireproofing Symposium be further perfected into an article for distribution to IWCC members; further, that further symposiums be delayed until the revised time-temperature criteria is better understood and Underwriter's Laboratories revisions and changes are formalized.

Portland Cement—The 6th draft of the Portland Cement Symposium is referred to the Technical Editorial Committee for approval and distribution. (The newly revised ANSI specifications for Portland Cement Plastering are now available.)

Interior Framing Systems, Drywall Systems and Drywall Finishes—A format has been developed for the Movable Partition Symposium scheduled for Chicago July 27-28 and further committee action is approved on the remaining items.

In addition, of course, the important work of this committee will continue to be carried forward on a large range of subjects and topics

of industry value, and Chairman Daugherty is open for suggestions at all times on subjects for new or continuing study.

Few who have not attended a Technical Committee session have any idea of the hard work both contractor and industry members devote to their assigned tasks, nor the time, time and talent they contribute to aid the wall and ceiling industry's future and progress.

Asbestos-Free

A new asbestos-free, spray-applied fireproofing material—with proven excellence in thermal insulation, acoustical properties, and condensation control—has been introduced by Keene Corporation's Ceiling & Insulation Division.

Designated "Keenokote," the new product was designed, formulated and tested under Underwriters Laboratories supervision and affords fire ratings of 1, 2, 3, 4 and 5 hours. Further, in testing at U.L. it has been demonstrated to be superior to its asbestos-containing predecessor product.

Keenokote has unsurpassed fireproofing properties, while also offering all of the labor and material economies made possible by spray application, according to Keene.

The new spray-made of virgin mineral wool fibers and other Keene proprietary organic ingredients, was designed for applications to structural steel members, steel deck assemblies, concrete structures and fireproofing cavities. Keenokote's outstanding features include bond strength of 50 lbs./sq. in. (ASTM, E-72) with no impact (ASTM, E-72) with no rupture, delamination or disintegration, and excellent corrosion resistance (MIL-SPC E-3272C). Further, in deflection tests, no damage was caused by a 0-20 in. deflection over a 16-in. span, and in dusting tests, the weight loss was less than 0.0003 oz./ft.² after exposure for 90 hours to 800 ft./min. wind velocity. In wind tests, less than 0.0004 oz./ft.² of the material was eroded by a 3000 ft./min. air stream. **Ceiling & Insulation Division, Keene Corporation, U.S. #1, Princeton, N. J. 08540.**

Mono-Jack Offered

Fred Pitman, former Corpus Christi plastering contractor, and now a manufacturers' representative in his area of Texas has recently produced a new scaffold device, the "Mono-Jack" which he displayed at the Texas convention.

"I made it to meet what I felt to be an industry need and will gladly custom-manufacture for others," declares Fred. He may be reached at P. O. Box 6284, Corpus Christi, Texas 78411.

WALLS AND CEILINGS

Totem Flip

Said Ideal

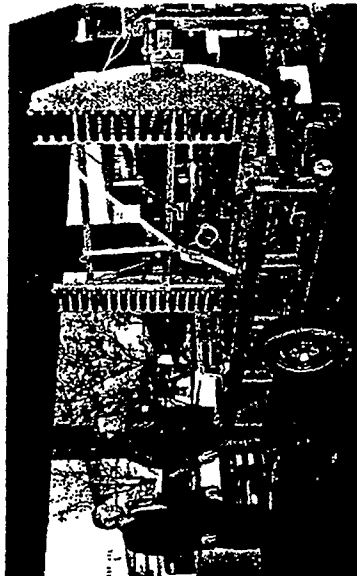
For Board

As shown in the accompanying sketch, the "Totem Flip" is an ideal method for quickly and safely transferring loads of wallboard, lath and other construction materials.

The rugged piece of self-unloading equipment was developed and patented by National Advance Products Company, Ft. Worth, Texas, and is being distributed by National Gypsum Company's representatives throughout the nation.

After loading at the job site, and being secured with a ratchet belt affixed to the machine, it can be hoisted with its own lifting cable to whatever floor is being stocked. It is then rolled to location in the building and will self-unload. An accessory roll-champ keeps the load together undamaged while it moves the machine onto the floor. The "Totem Flip, Sr." can pass fully

NEW LITERATURE, PRODUCTS



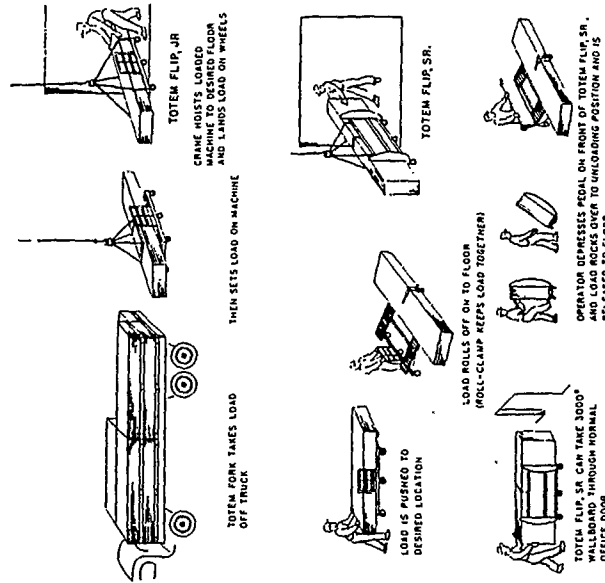
• **REX MONTGOMERY**, National Advance Products Company and Darrell C. Reid, National Gypsum Company, view "Totem Stocker" hauled by car to location

loaded through a normal office door. A second piece of equipment, the "Totem Stocker" attracted wide interest when revealed for the first time at the recent Texas convention in Dallas.

The "Stocker" will put the "Totem Flip" machines into openings as small as 6 feet high without a ramp on the building. A fork load of board is set on the Totem Flip locked in the "Stocker" which is then hoisted to the required floor. It has a 4-foot extension which rests into the building.

Two channel tracks extend the length of the device on which the "Flip's" wheels roll in. It has a simple positive locking mechanism which permits the man above to release the loaded machine into the building, and reload with an empty machine. Bonded rubber on the extension base and front part of the Stocker where it is in contact with the building face or window ledge avoid damage. When it is in proper contact with these two points a light on the rear is activated for the crane operator's convenience. Detachable trailer wheels for pulling the Stocker to and from the job site are optional.

For additional information on these useful devices, any National Gypsum sales representative, or National Advance Products Company, P. O. Box 3318, Ft. Worth, Texas 76105.



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