BESTWALL Long-Length Lath

Bestwall Long-length Lath is manufactured in special lengths for use, largely, in solid plaster partitions. It is supplied with round or tongue and groove v-edges. Both types are shipped loose.

use bestwall olsen lath clips for better construction: Bestwall Olsen Lath Clips are economical, enable lath to be erected faster, and permanently secure lath to any framing. Bestwall Olsen Lath Clips are durable and reduce cracking. They improve resistance to sound transmission by resilient attachment of lath to studs . . . no solid attachment to transmit sound through the wall.

Your Best Buy is BESTWALL

PLAIN — PERFOLATH — INSULATING

Thick.	Width	Length	Pcs. per Bundle
3/8"	16"	48"	6 panels—32 square feet
*3/8"	*16 1/4"	*48"	*5 panels—3 square yards
1/2"	16"	48"	4 panels—21 1/3 square yards
*1/2"	*16 1/4"	*48"	*5 panels—3 square yards

*Pacific Coast Only

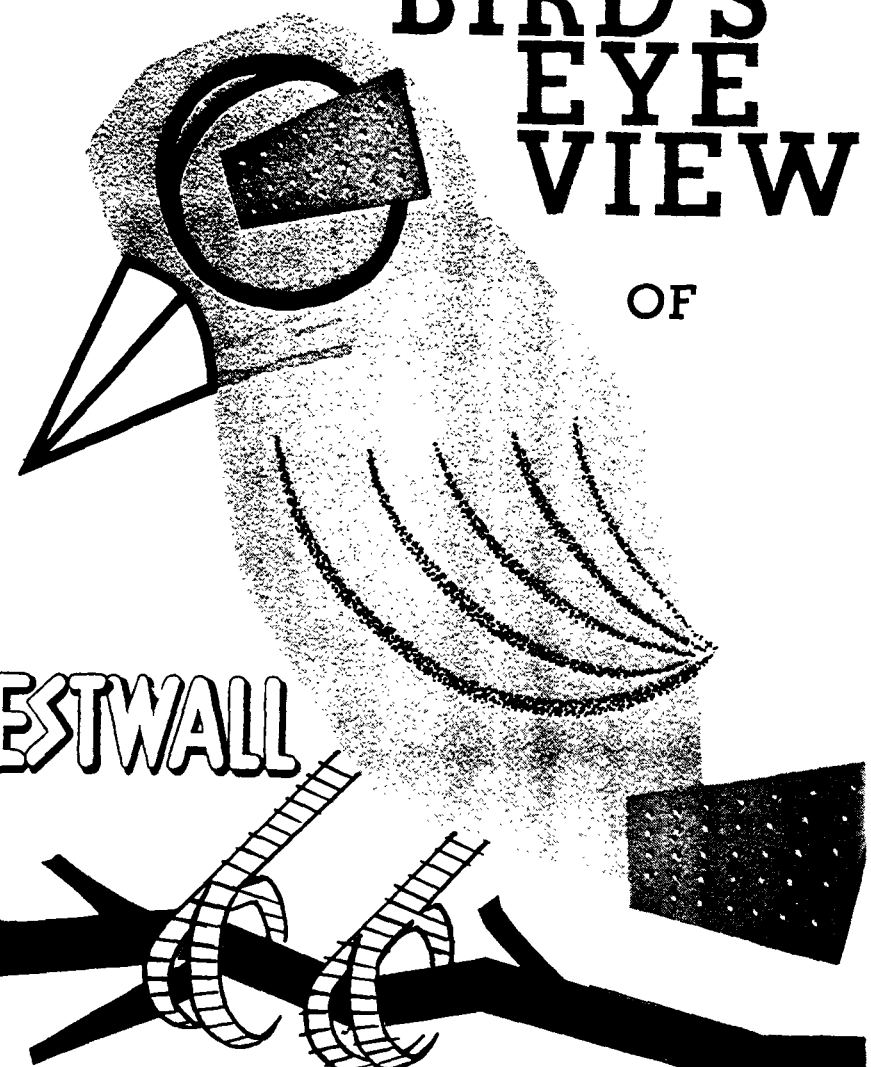
SGP 0003012

BESTWALL GYPSUM COMPANY

ARDMORE, PENNSYLVANIA

Plants and offices in Principal Cities

A BIRD'S EYE VIEW OF



Gypsum Lath

FIREPROOF GYPSUM BESTWALL BUILDING PRODUCTS

PLAINTIFF'S EXHIBIT

GP-880

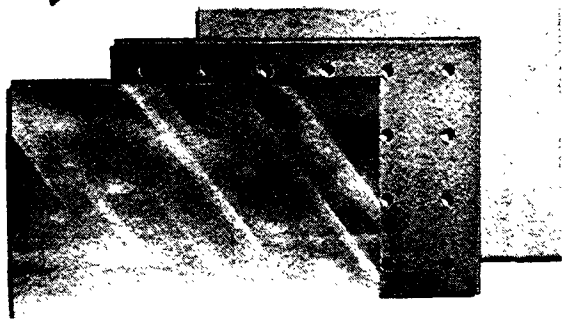
BESTWALL Gypsum Lath

Bestwall regular gypsum lath, perfolath and insulating lath are used as base materials to build interior walls and ceilings. They cover the framing members (studs and joists) and provide an ideal base on which to apply gypsum plaster.

advantages of
Bestwall Gypsum Lath

The U. S. Bureau of Standard Tests show that up to one hour fire-resistance rating can be achieved for wood stud bearing partitions protected with gypsum lath and plaster. Gypsum will not burn and will not transfer heat substantially in excess of 212°F. until all its water of crystallization has been driven off in the form of steam. This is a slow process which enables Bestwall gypsum products to protect combustible materials from fire. (A one inch thickness of solid gypsum will hold back 1700°F. heat for one hour.) The periods of protection offered by Bestwall Lath and Plasters vary according to the type and mixture of aggregate and plaster, and the thickness of the installation.

structural strength: Strong, rigid Bestwall Gypsum Lath ties the framing members together increasing resistance to distortion resulting from warping, settling, wind pressure and vibration. Specially manufactured surface papers are securely bonded to face, back and long edges of Bestwall Gypsum Lath. The papers have high tensile strength contributing to rigidity and strength of the lath. The strong Bestwall Lath, in turn, offers important resistance to transverse stresses that bear on the framing, helping to prevent plaster cracks.



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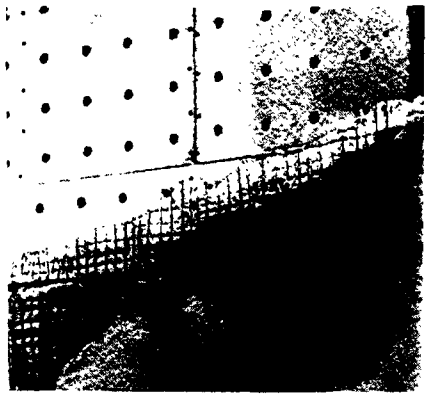
strong plaster bond: The lath face that is to be plastered is surfaced with paper that is specially prepared to give the proper suction for easy plastering and maximum bond. U. S. Bureau of Standards Tests indicate the adhesion of gypsum plaster to gypsum lath is 6.0 lbs. per square inch. This was the highest rating obtained by the various plaster backings; the second highest rating being 4.3 lbs. per square inch.



crack resistance: Bestwall Gypsum Lath is stable. It does not swell, shrink, buckle or decay, thus helping to eliminate plaster cracks.

economical, easy to apply: Bestwall Gypsum Lath costs very little, yet quality is high. Bestwall Lath is free from waste because it is made to uniform standards of quality, weight, and size. It reduces labor cost because it can be erected quickly and plastered in a minimum of time. Bestwall Lath is easy to apply because it is also light in weight and comes in convenient panels. Gypsum plaster bonds easily to face paper, reducing loss through droppings.

BESTWALL PERFOLATH

Bestwall Perfolath is regular gypsum lath perforated with circular holes ¾" in diameter spaced 4" center to center, to provide mechanical keys for plaster. There are 48 holes per sheet. The perforations permit plaster to push through the holes and mushroom out of the back of the lath, thereby forming a mechanical key. This key plus the natural bond of the face paper, provides a double bond for plaster, a factor that increases fire protection. A wood stud partition faced with Perfolath and ½" of gypsum plaster sanded 2:1 by weight has a fire rating of one hour.

BESTWALL INSULATING LATH

Bestwall Insulating Lath is regular gysum lath with a sheet of aluminum foil on the reverse side which is applied against the studs or joists. To perform most efficiently, the lath must be installed with the foil side against the framing and facing an air space of at least ¾". When installed correctly, the F.H.A. accepts foil-back gypsum lath as having insulation value approximately equal to ½" thick fiber insulation board. U. S. Bureau of Standards Tests have established that aluminum foil reflects 90% of radiant heat. The aluminum foil on the back of Bestwall Insulating Lath is also an efficient vapor barrier, reducing moisture condensation within the wall to a minimum.