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Ecologic™ Self-Furring Fiberglass Lath

Lightweight, Non-Rusting, Alkali-Resistant Fiberglass Lath for Lime Plaster/Stucco Systems

PRODUCT DESCRIPTION:

Ecologic™ Self-Furring Fiberglass Lath is a light-weight lath ideal for exterior plastering with Ecologic™ Plaster TOPCOAT™ two or three-coat systems. Non-rusting and alkali-stable, Ecologic™ Fiberglass Lath is a good alternative to sharp, rusting galvanized or steel laths or expensive stainless steel lath systems. This system ensures a longer service life than typically specified cement products used over wire laths or over non-breathable EIF system hard coat or decorative elastomeric systems that can trap water in the substrate.

PRODUCT SPECIFICATIONS:

- **Coverage:** Approximately 410 sqft (38 m²) per roll (assuming 10% overlapping)
- **Packaging:** Single Roll
- **Roll Size:** 39" x 150' (99 cm x 45.7 m)
- **Roll Weight:** 31 lbs. (14 kg)
- **Lath Weight:** 8.8 oz/yd (294 g/m) ± 5%
- **Tensile Strength:**
Warp: 330 lb/in (59 kg/cm)
Weft: 324 lb/in (57.9 kg/cm)
- **Color:** Grey

ADVANTAGES:

- Lightweight rolls with large surface coverage
- Non-rusting and alkali-resistant
- Self-Furring for easy installation and better render mechanical adhesion
- Can be applied in any direction and wrapped to conform to shaped features
- Easily cut to size with no sharp edges
- Excellent for coastal regions when used with our plastic washers, rust-resistant screws, and salt-immune lime plasters.

ACCEPTABLE SUBSTRATES:

- Framed structures with sheathing such as exterior grade plywood, OSB or cement board.
- Solid or Furred-out Masonry with rigid insulation installed between furring strips.

APPLICATION PROCEDURE

1) Applying Lath:

Ecologic™ Self-Furring Fiberglass Lath may be applied either vertically or horizontally, but must be flat and free of creasing or wrinkles. On edges between individual pieces of lath, overlap a minimum of 3" (76 mm) horizontally and 12" (305 mm) around corners.

2) Appropriate Fasteners:

- In all cases, use LimeWorks.us supplied 1-3/4in diameter polypropylene plastic washers with chosen fastener and maintaining the spacing of 6" on-center vertically and 16" on-center horizontally (15 cm x 41 cm).
- **Masonry Anchors:** 1-1/4"-1-3/4" (3.2-4.5 cm) long x 3/16" (4.75 mm) diameter blue, hex-head concrete masonry screws into solid masonry. Specialty hollow masonry anchors with a minimum of 1" (2.5 cm) penetration into the set hollow masonry unit shield.
 - **Light Gauge Steel Framing/Furring (20 Gauge):** Light metal type bugle head screws with minimum penetration into framing of 5/8" (16 mm).
 - **Heavy Gauge Steel Framing (18 to 12 Gauge max):** Metal type bugle head screws with minimum penetration into framing of 5/8" (16 mm).
 - **Wood Framing:** #6 x 1-5/8" (41 mm) wood type bugle head rust-resisting screws; or use a minimum 16 gauge wire staple with minimum 3/4" (19 mm) crown and 3/4" (19 mm) penetration into framing.

3) Applying Ecologic™ Plaster TOPCOAT™ (G) Scratch Coat:

Apply render within 60 days of Ecologic™ Self-Furring Fiberglass Lath installation.

- When directly applying Ecologic™ Plaster TOPCOAT™ as a two or three-coat system, total thickness must be a minimum of 1/2” using a minimum of two (2) coats. For specific mixing and application procedures, see TOPCOAT™ cut sheet or LimeWorks®.us General Installation Guidelines.

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