



## Deco-Lath

Deco-Lath 8.8 oz 3D

### TECHNICAL DATA / PROPERTIES

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS	
<b>Tensile Strength (lb/in) Product</b>	ASTM D-5035		WARP	WEFT
		Deco-Lath 8.8 oz/yd	370-430	245-310
<b>Weave</b>			LENO	
<b>Color</b>			Grey	
<b>Product Thickness</b>		Deco-Lath 8.8 oz/yd	0.217/in	5.5/mm
<b>Coating</b>			Alkali Resistant	

Decoplast Deco-Lath is an open weave, three-dimensional, self-furred, nominal 1/4" (6.3mm) thick glass fiber reinforcing lath designed for use with field mix exterior cement plaster conforming to ASTM C926 in "scratch and brown" applications. Complies with the performance requirements of ASTM C1788 (per the test methods in ASTM C1764) and the installation requirements of ASTM C1787.

#### Coverage

487.5 ft<sup>2</sup> / roll

#### Packaging

39" x 150" lineal feet roll in poly bag; Deco-Lath 8.8 weighs approximately 31 lb (14 kg) per roll.

#### Storage

Store off the ground in dry area, upright position. Protect from extreme heat [90°F (32°C)], moisture and direct sunlight.

### FEATURES

### BENEFITS

<b>Non-metallic</b>	Will not rust
<b>Pliable, with no sharp edges</b>	Easier and safer to handle and cut
<b>Non-directional</b>	Can be applied vertically or horizontally
<b>Wide rolls</b>	Fewer overlaps required to give better coverage
<b>Three-dimensional profile</b>	Self-furring, excellent mechanical key using traditional fastening procedures
<b>Alkali resistant</b>	Long-term durability and performance
<b>Package (light-weight rolls)</b>	Application time/labor savings

### USE

A component of a 1/2" to 7/8" (13mm to 22mm) thick cementitious exterior wall coating application of exterior Portland cement plaster (traditional stucco) application that provides keying and continuous reinforcement for stucco used on vertical wall applications with solid backing. May also be used as a mortar base for light-weight veneer facing products such as precast stone veneer (ASTM C1780).

Not for use on soffits or open framing.

### SURFACE PREPARATION

Surfaces must be clean, dry, and free of frost, damage and all bond-inhibiting materials, including dirt, efflorescence, form oil and other foreign matter. Damaged sheathing must be removed and replaced. Avoid application over irregular surfaces.

### APPLICATION

#### General:

Apply Deco-Lath in accordance with Decoplast specifications and the following:

- Acceptable substrates include cement board (ASTM C1325 Type A Exterior), gypsum sheathing (ASTM C79/C1396 or C1177), Exposure 1 or better exterior grade plywood, Exposure 1 OSB, poured concrete or unit masonry.
- Apply/Install substrate per the manufacturer's instructions and applicable building codes.
- Not for use over open framing.

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### APPLICATION CONTINUED

#### **Water Resistive Barrier:**

- Not required on unit masonry or concrete substrates to receive the cement plaster stucco.
- Over wood or metal framing with sheathing, a weather-resistive barrier must be installed. When installed over wood based sheathing (Plywood or OSB), two layers of Grade "D" building paper are required by IBC prior to installation of Deco-Lath. Other acceptable water-resistive barriers include polymeric water resistive-barriers such as Tyvek® Stuccowrap® and acceptable equals that comply with and are recognized by local building codes.
- Trowel/roller applied water-resistive barriers can be used provided a subsequent layer of building papers or a polymeric water-resistive barrier such or building paper that is applied over the trowel/roller applied weather barrier to act as a slip sheet.
- Install the water-resistive barrier over the substrate according to manufacturer's specifications and applicable building code requirements.
- The water-resistive barrier shall be free of any damage such as holes or breaks, and must be applied to all surfaces to receive the cement plaster stucco.
- Wrap the water-resistive barrier into rough openings to increase the level of protection to the building frame and interior.

**Trim:** Install trim accessories per drawings and specification and ASTM C1063.

**Apply Deco-Lath over substrate with minimum 3" overlap at vertical and horizontal edges and overlap on flange of trim accessories. Deco-Lath can be applied horizontally or vertically and should be applied such that it is flat and free of ripples, wrinkles, etc.**

#### **Fasteners:**

- ULP-302 (1 3/4") or Lath Plate (1 1/4") Mechanical Fastening Systems by Wind-Lock Corp.
- **Masonry:** masonry type [M] expansion fastener with ULP 302 diameter washer; or Lath Plate 25 mm (1") minimum penetration into masonry. Fastener spacing 6" o.c. vertically and 16" o.c. horizontally.
- **Light Gauge Steel Framing/Furring (20 Gauge):** light metal type [LM] bugle head screws with ULP 302 (1 3/4") diameter washer or Lath Plate 16 mm (5/8") minimum penetration into framing 6" o.c. vertically and 16" o.c. horizontally
- **Heavy Gauge Steel Framing (18 to 12 Gauge maximum):** metal type [S] bugle head screws with ULP 302 (1 3/4") diameter washer or Lath Plate or 32 mm (1 1/4") long x 2.5 mm (1/8") diameter VersaPin Gripshank® fasteners by Aerosmith Fastening Systems with Lath Plates; 16 mm (5/8") minimum penetration to framing 6" o.c. vertically and 16" o.c. horizontally.
- **Wood framing:** wood type [W] bugle head screws with ULP 302 (1 3/4") diameter washer or Lath Plate; 16 mm (5/8") minimum penetration into framing or minimum 16 gauge wire staples with minimum 3/4" crown and minimum 3/4" penetration into framing, 6" o.c. vertically and 16" o.c. horizontally.

**Apply cement plaster stucco within 60 days of Deco-Lath application.**

**Install Exterior Cement Plaster Stucco (ASTM C926) or Cementitious Exterior Wall Coating (ICC-ES AC-11) per Specifications and Details.**

**Install Veneer facing mortar per Specifications, Details and veneer facing manufacturer's specifications.**

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### LIMITATIONS

Decoplast Deco-Lath should only be used in accordance with appropriate Decoplast Insulated Wall Cladding Specifications or other published recommendations.

Not for use on soffits or open framing.

Minimum thickness of 1/2", maximum thickness of 7/8" when DecoWall FRS or other cementitious exterior wall coating is installed in accordance with ICC-ES-AC-11.

Maximum allowable weight of adhered veneer facing products is 24 lbs. per square foot (includes veneer weight and mortar scratch and bed coat).

### HEALTH AND SAFETY

#### Health Precaution

Contains glass fiber. As with any chemical construction product, exercise care when handling.

#### Safety Precaution

Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

#### First Aid:

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Contact a physician.

#### Disposal

Dispose of in accordance with local, state or federal regulations.

#### Warning

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Safety Data Sheet (SDS) for further health and safety information.

#### LIMITED WARRANTY

This product is subject to a written limited warranty. Refer to Decoplast Specifications for more complete information on proper use and handling of this product.



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