

EIFS on Metal Lath Technical Bulletin

TB010

Category: EIFS

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Expanded Metal Lath allows for an alternative installation method of an EIF System to substrates that are structurally sound but would not normally accept adhesive attachment, such as;

- Brick or concrete masonry with sanding or flashing outer surface
- Poly-filmed faced membranes
- Concrete with painted, blistered, spalling surfaces
- Blistered, peeling paint
- Surfaces with poor bond test results such as may occur on;
 1. Glazed brick or tile
 2. Metal facings
 3. Masonry surfaces to which a water repellent sealer has been applied
 4. Weathered wood sheathing and sidings

LATH

The lath shall be minimum either 3.4 lbs/yd² or 2.5 lbs/yd² weight, G 60 Galvanized flat/unfurred expanded metal lath (diamond mesh) meeting ASTM C 847. Alternatively, Self furring lath may be used, please contact the technical department for specifics.

INSTALLATION

Except on masonry or concrete, a water resistive barrier must be installed behind the lath on all construction under the IRC and on all Type V construction with group R1, R2, R3, or R4 Occupancy under the IBC.

Maximum lath fastener spacing along framing members is 6" under the IRC and 7" under the IBC. Fastener type and framing penetration must be in accordance with the building code and ASTM C 1063.

Fastening of lath on concrete and masonry will be power or powder actuated fasteners threaded masonry screws, or a combination thereof. Stub nails shall not be used. The fasteners shall be installed spaced not more than 16 in. (406 mm) on center horizontally and spaced vertically not more than 6 in. (152 mm) on center.

Edges and ends of lath sheets must be nested tightly or butted, and not lapped to avoid creating ridges.

A 5/8" U-notched trowel should be used to apply the cementitious adhesive to the EPS. After the adhesive has dried, apply the EIFS materials according to the Parex USA specifications and installation instructions.

LIMITATIONS

Expanded Metal Lath and lath fasteners are not manufactured or warranted by Parex USA. Lath as a substrate is not allowed on open framing.

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