

Self-Furred Plastic lath

PRODUCT DESCRIPTION

PROLATH is a self-furred plastic lath designed to mechanically attach and reinforce C-Cure mortar bed and self-leveling systems over properly prepared Exterior Grade Plywood substrates. PROLATH cuts easily with a standard utility knife and is self-furred on both sides. Unlike metal lath, PROLATH will not rust under damp or wet conditions. ProLath is safer to handle than metal lath, and is much easier to carry. PROLATH is preferred for projects that incorporate hydronic or electrical radiant heat.

▶ BASIC USE

Properly attached PROLATH may be used in floor applications with a self-leveling underlayment or mortar bed for ceramic tile, porcelain tile, natural stone or other floor coverings. PROLATH can be used with FULL CONTACT MORTAR 907 for setting tile or natural stone in a single step application over exterior grade plywood. PROLATH may also be used for constructing countertops.

▶ INSTALLATION SYSTEMS FOR APA APPROVED EXTERIOR GRADE PLYWOOD SUBSTRATES

- LEVELCURE LCB 951: Self-leveling system.
- LATEX UNDERLAYMENT HiBUILD 967: Screed-bed leveling system.
- PRO FULL CONTACT MORTAR 907: One-step setting system for stone or tile. (see applicable C-Cure Data Sheets)

▶ AREAS OF USE

PROLATH may be used in interior dry areas over properly installed exterior grade plywood. Exterior mortar bed installations must be covered with a waterproofing membrane. LEVELCURE LCB 951 is not recommended for exterior applications.

▶ LIMITATIONS

Plywood substrates placed over conventional floor joist or other systems, should be of a design and thickness so as to maintain a substrate deflection not to exceed 1/360th of span, including live and dead load. PROLATH is not intended for use over improperly cured or wet plywood, interior grade plywood, particleboard, luan, gypsum underlayments, masonite, fire retardant/treated plywood, hardwood flooring or stripwood surfaces. All wood floor structures shall be designed with proper ventilation on the underside and thorough protection from water vapor or moisture. All joists, supporting structure and plywood surfaces shall be dry prior to installation of ceramic tile as any shrinkage occurring after the installation can result in failure.

NOTE: Un-gapped plywood sheets, butted tongue & groove plywood, and/or gaps filled with mortar WILL NOT ALLOW FOR EXPANSION & CONTRACTION OF PLYWOOD SHEETS and can result in substrate buckling failure.

▶ APPLICABLE STANDARDS

Approved for residential and light commercial use in office spaces, reception areas, kitchens and bathrooms in accordance with ASTM C-627: Standard Test Method for Evaluating Ceramic Tile Installation Systems using the Robinson Floor Tester.

Color — Green.

Stability — UV Stable, Non-conductive, Non-corrosive.

Heat Distortion — Over 225° F (107° C).

▶ PACKAGING

Large Roll: One roll equals 334 sq. ft.. (31 m²).

Roll measures 40" x 100' (1 m x 30.5 m).

Individually wrapped. Nine rolls per pallet.

Small Roll: One roll equals 100 sq. ft. (9.3 m²).

Roll measures 30" x 40' (76 cm x 12.2 m).

Six rolls per carton and four cartons per pallet.

INSTALLATION

▶ PREPARATORY WORK

Plywood substrates to receive ProLath must be exterior grade plywood only, secured with screws or nails and glued where possible. Securely fasten plywood substrates at 6" (15 cm) centers along panel edges and 8" (20 cm) centers each way throughout the panel: offset joints of subfloor and underlayment. A gap of 3/16" (4.8 mm) shall be left between sheets of plywood and between the plywood edges and all other surfaces which they abut to allow for expansion. These gaps shall remain empty when the installation is complete. Use duct tape to cover these gaps before attaching lath.

▶ APPLICATION

Prepare substrate in accordance with manufacturers directions for the specific cementitious mortar or leveling coat that will be used in conjunction with ProLath. Roll out ProLath and cut to size. ProLath may be overlapped at the edges or tightly "butt-jointed" depending on the overall thickness of the installation and manufacturers recommendations. Be sure to offset lath joints. Hold plastic lath flat to the substrate and secure with staple fasteners or roofing nails. Staple fasteners shall penetrate substrate a minimum of 3/8" (9.5 mm). Continue until the entire work area is completely and securely fastened. Recommended fasteners and attachment patterns: 1/2" (13 mm) crown galvanized staples (min. 5/8" [16 mm] leg): Every 2" (5 cm) around the perimeter and 4" (10 cm) in the field. 1" (2.5 cm) crown galvanized staples (min. 5/8" [16 mm] leg) or hot-dipped galvanized roofing nails (min. 1" (2.5 cm) length): Every 3" (7.6 cm) around the perimeter and 6" (15 cm) in the field. 1" (2.5 cm) crown staples are recommended as they will speed the installation.

▶ MOVEMENT JOINTS

Expansion joints shall be installed in accordance with local building codes. See EJ 171 in TCA Handbook for detailed specifications.

▶ FINISHED FLOOR INSTALLATION

The installation of ceramic tile or natural stone shall be performed in accordance to ANSI A108.1B, A108.5 and instructions found in C-Cure product information sheets.

GUARANTEE

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