

Allura Fiber Cement Underlayment/Backerboard

General Description: Allura Fiber Cement Underlayment and BackerBoard are designed to be installed under ceramic tile, natural stone, brick veneer and other surfacing materials. These products feature a dense, non-porous surface, making them especially effective in kitchen and bathroom applications where resistance to moisture is essential. Depending on the thickness required, they are suitable for interior floors, walls and countertops. Fiber Cement Underlayment (1/4") is available in three sizes, Fiber Cement BackerBoard (1/2") in a single size.

Sizes: Fiber Cement Underlayment— 36" x 60" (914mm x 1524mm), 48" x 48" (1219mm x 1219mm), 48" x 96" (1219mm x 2438mm); 1/4" nominal thickness

Fiber Cement BackerBoard— 36" x 60" (914mm x 1524mm); 1/2" nominal thickness

Composition: The products are manufactured using a multi-step high-pressure process that combines Portland cement, wood fiber and specialty additives. This product does not contain asbestos, formaldehydes or harmful chemicals.

Technical Data: Allura Fiber Cement Underlayment and Fiber Cement BackerBoard were tested in accordance with the American Society for Testing & Materials (ASTM) standards of the following specifications:

ASTM C473	Facial Dimensions; Squareness; Thickness
ASTM C666	Freeze-Thaw Disintegration
ASTM C947	Flexural Strength
ASTM C1185	Wet Flexural Strength
ASTM C1288	Standard Specification for Discrete Non-Asbestos Fiber-Cement Interior Substrate Sheets
ASTM D1037	Linear Variation or Moisture Movement; Fastening Holding (saturated); Falling Ball Impact
ASTM D2394	Compression Indentation
ASTM E84	Flame Spread/Smoke Developed

Compliance: Meets or exceeds American National Standards for Test Methods and Specifications for Cementitious Backer Units (ANSI-A118.9).

Fire Resistance Characteristics: Allura Fiber Cement Underlayment and Fiber Cement BackerBoard products have a Class A (1) Flame Spread Rating — 0, Smoke developed — 5, per ASTM E84.

Installation: Preparatory Work — Handle and store product according to Allura recommendations. Keep panels clean and dry, protected from the weather. Store on a smooth, flat surface — not on the ground.

Methods — Leave 1/8" gaps between board edges. Fasten 8" o.c. over the entire surface using (minimum) 1" hot-dipped galvanized roofing nails. Set the nail heads flush with the surface of the board — do not overdrive. Keep fasteners a minimum of 3/8" from panel edges and 2" in from all corners. Length of fastener depends on installation — for vertical applications (BackerBoard), nails must penetrate 1 1/2" into a framing member; horizontal applications (Underlayment) must allow for full penetration of the subfloor material. For countertops, use corrosion-resistant 3/4" roofing nails. All joints must be taped with 2" wide alkali-resistant fiber glass reinforcing tape.

Specification Sheet



Precautions — Avoid breathing dust created by drilling, cutting, sawing, sanding or otherwise abrading the material. Use with adequate ventilation and a dust collection system; see MSDS for additional dust precautions.

Building Codes — Current data on building code requirements and product compliance may be obtained from Allura. Installation must comply with the requirements of all applicable local, state and national code jurisdictions.

Warranty: Allura offers a warranty to the original purchaser and the first transferee for a period of 20 years from the date of purchase. Allura warrants that the product will (a) will resist damage caused by termite attacks, (b) will resist rot, (c) will remain non-combustible, and (d) will be free from manufacturing defects in material and workmanship. See warranties for details and limitations.

Technical Services: Allura maintains a technical service staff to assist building professionals with questions regarding Allura products. Call 844-425-5872 for samples and answers to technical or installation questions.

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