

1/2" EASYBOARD™ ULTRA LIGHT BACKERBOARD

- Ultra light
- Easy to cut
- Easy to install
- Strong in use

PRODUCT DESCRIPTION

1/2" (13 mm) EasyBoard™ is a glass reinforced backerboard for tiling walls and countertops. Matches up with surrounding 1/2" (13 mm) drywall installations without the need to use shims or spacers on wall studs. Easy to score, snap, cutout and nail. 10 year limited warranty.

USES

1/2" EasyBoard is designed for use on walls, ceilings, countertops or vanities as an interior substrate for ceramic tile, stone, slate and thin-brick veneers.

SIZE

60" x 36" x 1/2" (153 cm x 91 cm x 13 mm)

COMPOSITION

A nailable, screwable backerboard panel which is composed of stable Portland cement, Expanded Polystyrene (EPS) and reinforcements. EasyBoard has a significant ability to remain unaffected by prolonged exposure to moisture.

MATERIALS & ACCESSORIES

Joint Reinforcement

Use 2" (5 cm) wide polymer-coated, alkali-resistant fiberglass mesh tape.

Bonding Materials

For joint treatment and to set facing material, use a polymer-modified thin-set mortar. All mortars should comply with ANSI A118.1 or A118.4 standards. Type I organic adhesives meeting ANSI A136.1 may be used in dry areas for setting wall tile and countertop tile.

Fasteners

Galvanized roofing nails, 1-1/2" (38 mm) long or SuperiorBilt® Concrete Backerboard Screws (1-1/4" [32 mm] long). SuperiorBilt Concrete Backerboard Screws or equivalent (1-1/4" [32 mm] long) for use with wood or 20 ga. steel framing.

LIMITATIONS

1/2" EasyBoard should not be used as a structural load-bearing member. Steel framing must be 20 ga. or heavier. Maximum framing spacing should not exceed 16" (40 cm) o.c. for interior applications. All framing should comply with local building codes and requirements. 1/2" EasyBoard is unaffected by water but it is not waterproof. If the area behind the backerboard must be kept dry, a moisture barrier or waterproof membrane must be used. 1/2" EasyBoard should not be used on exterior surfaces. Do not use drywall fiberglass tape.

APPLICATIONS

Interior Applications

General: All framing should comply with local building code requirements. Framing members should be spaced a maximum of 16" (40 cm) o.c.

Control Joints: Tiled surfaces exceeding 24' - 36' (7.32 - 10.97 m) in a continuous plane or surfaces abutting a dissimilar structure should be protected from structural movement with control (expansion) joints. Location width and details of control joints should follow sound architectural practices. See TCA Handbook EJ171.

Walls and Ceilings

Wall Framing: Edges of backerboard parallel to framing should be continuously supported. Studs above a shower floor should be either notched or furred to accommodate the thickness of the waterproof membrane or pan. The surround opening for a tub or precast shower receptor should not be more than 1/4" (6 mm) longer than unit to be installed.

Ceiling Framing: The complete ceiling assembly allowable deflection due to dead load should not exceed 1/360 of the span. Framing members in ceiling should not exceed 16" (40 cm) o.c. The weight applied to the ceiling frame (including insulation, backerboard, bonding material and facing material) should not exceed 15 lbs. per square foot (6.8 per 0.9 m²). The edges of backerboard parallel to framing should be continuously supported. Provide additional blocking when necessary to permit proper backerboard attachment.

Backerboard: Install backerboard, leaving a 1/8" - 3/16" (3 - 5 mm) space at all joints and corners. Stagger board joints with those of adjacent rows. Fasten backerboard every 6" (15 cm) o.c. in field and perimeter and within 1/2" - 1" (1.3 - 2.5 cm) of edges around backerboard perimeter. On all joints and corners, prefill the gap with bonding material, then embed 2" (5 cm) mesh tape and smooth material over joint and corner.



CUSTOM
BUILDING PRODUCTS

Counters

Base: 3/4" (19 mm) exterior grade plywood should be securely glued and fastened to top of counter base.

Underlayment: Using a 1/4" (6 mm) square-notch trowel, apply a setting bed of polymer-modified mortar to the base. Immediately laminate 1/2" EasyBoard to base, leaving a 1/8" - 3/16" (3 - 5 mm) space between boards at all joints and corners. Stagger joints so they do not line up with underlying substrate joints. Fasten backerboard every 6" - 8" (15 - 20 cm) o.c. throughout board field and around all edges while setting bed mortar is still workable. Around perimeter of each board, locate fasteners within 1/2" - 1" (1.3 - 2.5 cm) of edge. On all joints, prefill the gap with bonding material, then embed 2" (5 cm) mesh tape and smooth material over joint.

ITEM CODE

EB3660

SAFETY

Warning

Avoid breathing silica dust. This product when cut, drilled or abraded produces dust containing Free Silica which may cause cancer or delayed lung injury (Silicosis) if inhaled. Work outdoors, in a well-ventilated area, or use mechanical ventilation. Please wear approved safety glasses and dust mask. If in dusty areas or where airborne dust exceeds PEL wear NIOSH/MSHA approved respirator. This product contains one or more chemicals known to the State of California to cause cancer. See Material Safety Data Sheet for detailed information.

TECHNICAL DATA

	ASTM	1/2" EASYBOARD
Weight:		0.8 lbs. per ft ² (3.9 kg/m ²)
Flexural Strength:	C 947	300 psi (21 kg/cm ²)
Fastener Holding:	D 1037	90 lb. (40.82 kg)
Linear Variation with Moisture Change:	D 1037	.07%
Tensile Bond to Surface:		>50 psi
Bacterial and Fungus Resistance:		No growth

Exceeds Tile Council of America (TCA) specifications for these Cementitious-Coated Foam Backer Board Installation Systems:

TCA SPECIFICATION	INSTALLATION SYSTEM
W246-03	Cementitious-Coated Foam Backer Board over metal or wood studs spaced 16" o.c.
C315-03	Cementitious-Coated Foam Backer Board over ceiling framing (16" and 24" o.c).
B425-03	Cementitious-Coated Foam Backer Board over tub surrounds.
B426-03	Cementitious-Coated Foam Backer Board used in conjunction with shower receptors and wood or metal studs.

