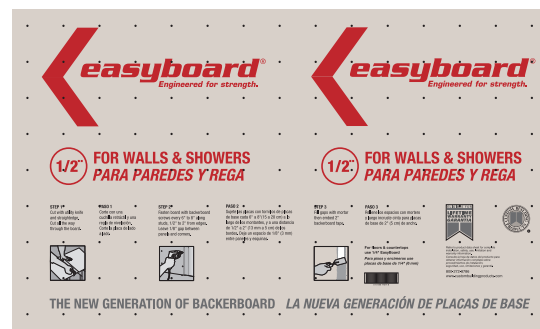


# 1/2" EASYBOARD® BACKERBOARD

- For walls and showers
- Tested and approved for residential and light commercial applications
- Weighs only 6 lbs.
- Cuts easily with a utility knife



## PRODUCT DESCRIPTION

1/2" (13 mm) EasyBoard® is a new generation of lightweight backerboard for tiling walls and countertops. With few exceptions, EasyBoard performs just like traditional cement backerboard. It's just much lighter, and cuts cleanly and easily with a utility knife. Matches up with surrounding 1/2" (13 mm) drywall installations without the need to use shims or spacers on wall studs.

## 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

36" x 60" x 1/2" (90 cm x 153 cm x 13 mm)

## MATERIALS & ACCESSORIES

**Joint Reinforcement:** Use 2" (5 cm) wide polymer-coated, alkali-resistant fiberglass mesh tape and thin-set mortar.

**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® Backerboard Screws (1-1/4" [32 mm] long). SuperiorBilt 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.
- 1/2" EasyBoard is unaffected by water but is not a water barrier. If the area below the backerboard must be kept dry, a waterproof membrane such as RedGuard® Waterproofing and Crack Prevention Membrane must be used.
- Do not use drywall fiberglass tape.
- Do not use wallboard joint compound.

## 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 or tub flange 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 M<sup>2</sup>). The edges of backerboard parallel to framing should be continuously supported. Provide additional blocking when necessary to permit proper backerboard attachment and reduce deflection between joist.



**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 4" – 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.

**Counters**

**Installation:** 3/4" (19 mm) exterior grade plywood should be securely fastened to the cabinet. Maximum variation in plywood surface should be no more than 1/8" in 10' (3 mm in 3 M) from the required plane. It is also recommended that the plywood be cut in a dot dash fashion with a circular saw. Apply a moisture barrier of 15 lb. (6.8 kg) roofing felt or 4 mil polyethylene film between plywood and EasyBoard. Secure EasyBoard with 3/4" (19 mm) galvanized roofing nails or SuperiorBilt Backerboard Screws. Place fasteners every 4" – 6" (15 – 20 cm) throughout panel field and around perimeter. Fill all joints between panels with a polymer-modified thin-set mortar. Taping of joints is not required. All change of plane such as joints where counter tile and wall tile meet must be caulked with a flexible sealant.

**SAFETY**

Work, in well ventilated area, or use mechanical ventilation. Please wear 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 health and safety information.

**INSTALLATION TIPS AND FAQs**

The most important thing to know about EasyBoard, with a few exceptions, is that it is installed just like cement backerboard, and is approved for almost all the same installations. Below is some helpful information to ensure proper installation:

**CLOTHING** – EasyBoard’s facer contains fiberglass. Some people’s skin is sensitive to fiberglass and may experience mild itching during handling and installation. For those people, we recommend wearing a cap, a loose-fitting, long-sleeved shirt, long pants and gloves when working with EasyBoard.

**SECURING DOWN BOARD** – EasyBoard is lightweight and therefore susceptible to wind. If outdoors, or transporting in an open truck bed, it is recommended to secure the board.

**MAKING CUTS** – Unlike traditional cement backerboards, EasyBoard should be cut ALL THE WAY THROUGH with a utility knife. It is NOT a score & snap product

**NAILING** – It takes significantly less effort to nail EasyBoard than to nail a traditional cement board. If you are used to nailing cement board, you may find that you initially nail too hard and blow the nail through the board. However, after a few times, you will adjust to nailing EasyBoard and will use the appropriate force.

**WILL THE INK PRINTING ON THE BOARD AFFECT HOW THE THIN-SET BONDS TO THE BOARD?** – No. Lab testing has shown that the ink does not affect bond strengths of the thin-set.

**WHAT DO I DO IF THE FACER PEELS?** – When making cuts, occasionally you will notice some facer peel. This is common in standard floor and wall panels (i.e. drywall). If this happens, simply cut the facer piece off with a utility knife. A small patch of board without facer will NOT affect the board’s performance.

**WHAT DOES “RESIDENTIAL & LIGHT COMMERCIAL INSTALLATIONS” MEAN?** – According to the TCA handbook, residential is “kitchens, bathrooms and foyers” and light commercial is “use in office space, reception areas, kitchens and bathrooms”. For installations that will have heavier point load traffic, we recommend using WonderBoard.

**CAN I USE 1/2" EASYBOARD ON FLOORS?** – For floor installations, we recommend using 1/4" EasyBoard.

**ORDERING INFORMATION**

	ITEM CODE	SIZE
USA	EZB12	36" x 60" x 1/2" (91 cm x 152 cm x 13 mm)
Canada	CEZB12	36" x 60" x 1/2" (91 cm x 152 cm x 13 mm)

**TECHNICAL DATA**

	ASTM TEST	1/2" EASYBOARD® BACKERBOARD
Weight:		0.4 lbs. per ft <sup>2</sup> (.18 kg/M <sup>2</sup> )
Flexural Strength:	C947	300 psi (21 kg/cm <sup>2</sup> )
Fastener Holding:	D1037	40 lb. (18 kg)
Linear Variation with Moisture Change:	D1037	.07% linear variation
Tensile Bond to Surface:		>50 psi
Shear Bond Strength to Surface:		>50 psi
Facial Dimension	C473	+/- 1/8"
Flame Spread/Smoke Development		50/30 (NFPA Class B)
Thickness	C473	+/- 1/32"
Squareness	C473	Square
Robinson’s Floor Test	C627	Light commercial
Bacterial and Fungus Resistance:		No growth

**LIMITED WARRANTY**

Custom Building Products (“Custom”) warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Custom’s sole liability under this warranty shall be limited to the replacement of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Custom’s printed instructions. Custom makes no other warranties either express or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.

