

## Durable, Ultra-lightweight, Waterproof Tile Backer Board

GoBoard® is an ultra-lightweight yet durable, waterproof alternative to cement and other heavy tile backer boards. GoBoard helps you to complete the job faster and more cost effectively.

**GoBoard is available in 3'x5' and 4'x8' boards in six thicknesses:**

- ¼" for floors and countertops
- ½" for walls, showers, ceilings and floors
- ⅝" for walls, showers, ceilings and floors (4'x8' only)
- 1", 1½" and 2" for walls, benches, shelves, tub surrounds, vanities and countertops (4'x8' only)



### Fast installation\*:

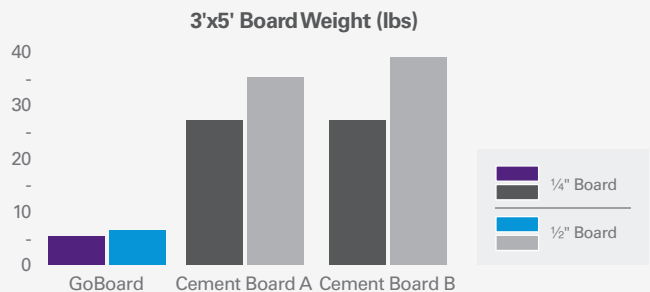
Complete shower tile projects in half the time or less:

- Install GoBoard with GoBoard® Sealant, take a break and tile the same day.
- Grout the next day and the job is done.



**GoBoard is up to 80% lighter than cement boards, yet engineered and rigorously tested for strength and durability:**

- GoBoard is easy to transport, from pick-up to installation. One person can carry multiple boards at a time.
- GoBoard is also easy to maneuver and position for fastening, saving time.



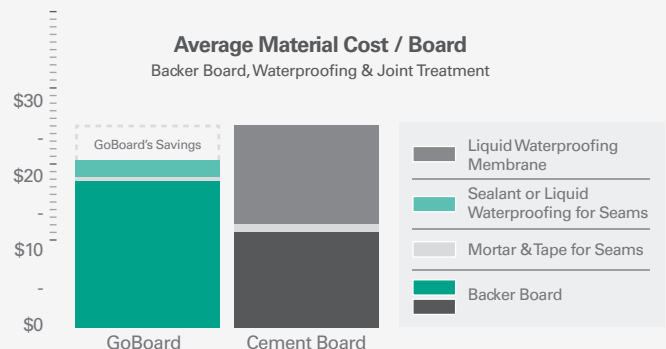
### GoBoard is easy to cut, handle and install:

- GoBoard can be cut right where it's installed without crumbling or disintegrating, virtually eliminating the mess from cutting cement and other heavy boards. A simple score with a utility knife and a snap of the board is easy and fast.
- Simply attach with GoBoard® Fasteners or roofing nails.



**GoBoard has waterproofing built-in:** Seal only the board joints and fastener locations for a waterproof tile assembly.\*\*

- With built-in waterproofing, GoBoard saves an average of \$5 in material costs.\*\*\* The chart to the right compares average material cost differences to achieve a waterproof installation.
- GoBoard also saves time and effort as the installer does not have to coat or install a waterproof membrane over the entire board.



\*A typical shower project, waterproof installation, following manufacturer's installation instructions.

\*\*Board joints and fastener locations require a waterproof sealant per GoBoard installation instructions.

\*\*\*Average floor and wall per board material costs vs. cement board and liquid waterproofing membrane installations with usage at manufacturers' recommended levels for materials purchased at major retailers. Average savings increase to \$24 per board vs. the use of a sheet membrane adhered with mortar.

# Quick Start Installation, Required Materials and Technical Information\*

## Materials Needed:

- Fastening –
  - Wood: GoBoard Fasteners (1¼" long), backer board screws (1¼" long), galvanized roofing nails (1½" long) or 16 gage galvanized staples (1" x 1").
  - Steel framing: GoBoard Fasteners (1¼" long) or backer board screws (1¼" long).
- Bonding – Dry set mortar compliant with ANSI A118.1 standard or Polymer modified thin-set mortar compliant with ANSI A118.4 standard.
- Joint Sealing – GoBoard Sealant (see [www.jm.com/goboard](http://www.jm.com/goboard) for approved alternative sealants), or 2" wide polymer-coated alkali-resistant fiber glass mesh tape and mortar (coated with a liquid waterproofing membrane for waterproof installations).
- Grout – Cement grout compliant with ANSI A118.6 standard, high performance cement grout compliant with ANSI A118.7 standard or epoxy grout compliant with ANSI A118.8 standard.
- Tools – Utility knife, pencil for marking, straight edge, measuring tape, putty knife, roofing nail / backer board screw fastening device, ¼" square notched trowel, caulk gun and 1"–3" paint brush (for liquid sealant).



## Measure, Score and Snap:

- Measure GoBoard, then score with a utility knife and snap to desired size, it's easy and fast.

## Bonding, Fastening and Sealing:

### For Floors and Countertops

- Apply mortar to subfloor (floors) or fastened plywood base (cabinets), combing it into a ribbed setting bed with a ¼" square notched trowel.
- Laminate cut GoBoard by firmly pressing it into the mortar, ensuring that it is fully embedded. Subsequent boards should be laminated with a ⅛" space between all corners and edges.
- Fasten GoBoard with GoBoard Fasteners flush to the surface of the board at a maximum spacing of 8" and within ½" - 1" of the perimeter edges (fastening is not required for concrete floors), and then embed fiber glass mesh tape in mortar at the joints. For alternative fasteners specified in the Materials Needed section, the maximum spacing is 6".
- Fill all joint gaps with mortar, then place 2" fiber glass mesh tape on the joints and embed with mortar, ensuring tape is fully covered.
- To ensure a waterproof installation, seal all joints and fastener locations with two coats of liquid waterproofing membrane.

### For Walls and Ceilings

- Liberally apply a continuous bead of GoBoard Sealant to the bottom (walls) or side (ceilings) edge so that when GoBoard is butted the sealant squeezes out. Ensure a tight seal at the joint leaving a ⅛" gap.
- Fasten GoBoard to the studs with GoBoard Fasteners flush to the surface of the board at a maximum spacing of 8" and within ½" - 1" of the perimeter edges. For alternative fasteners specified in the Materials Needed section, the maximum spacing is 6".
- After fastening, spread the excess sealant with a putty knife to at least 1" beyond either side of the joint to ensure a tight seal. Liberally apply a continuous bead of GoBoard Sealant to the top (walls) or opposite edge (ceilings) before tightly butting the next board.
- Repeat the above two steps as necessary to completion.
- To ensure a waterproof installation, all fastener locations and joints (between boards, at corners and for other changes of plane) must be sealed.
- As an alternative to the above sealing procedure, leave a maximum ⅛" gap between boards, then follow the final two steps outlined for floor and countertop installation.

## Technical Data

Property	Method	GoBoard® (¼")	GoBoard® (½")	GoBoard® (¾")	GoBoard® (1", 1½", 2")
Dimensions (feet)	ASTM C473	3'x5, 4'x8'	3'x5, 4'x8'	4'x8'	4'x8'
Thickness (inches)	ASTM C473	0.26	0.47	0.60	1.0, 1.5, 2.0
Board Weight (lbs/ft²)		0.40	0.50	0.58	0.62, 0.81, 1.0
R-Value (°F · ft² · h/BTU)	ASTM C518	1.2	2.3	2.9	5, 7.5, 10
Compressive Strength (avg. psi)	ASTM D2394	250	200	200	125
Moisture Movement (%)	ASTM D1037	<0.07	<0.07	<0.07	<0.07
Surface Burning Characteristics <sup>1</sup>	ASTM E84	Pass	Pass	Pass	Pass
Waterproof	ASTM D4068	Pass <sup>2</sup>	Pass <sup>2</sup>	Pass <sup>2</sup>	Pass <sup>2</sup>
WVT Permeance (perms)	ASTM E96	<1	<1	<1	<1
Resistance to Fungi / Bacteria	ASTM G21/G22	No Growth	No Growth	No Growth	No Growth
Freeze Thaw	ASTM C666	>25	>25	>25	>25
Robinson Floor Test	ASTM C627	Light Commercial	Light Commercial	—	—

<sup>1</sup>Per International Building Code Requirements, <sup>2</sup>ANSI 118.10 certified

\*Visit [www.JM.com/GoBoard](http://www.JM.com/GoBoard) for the complete GoBoard Installation Instructions / Technical Data Sheet, which contains detailed instructions, framing, control joint and subfloor / subsurface requirements, limitations and safety & handling information.

\*\*Per International Building Code Requirements



View the Complete Installation Instructions / Technical Data Sheet:  
[www.JM.com/GoBoard](http://www.JM.com/GoBoard)