

WonderBoard® Lite Installation Guide



WONDERBOARD®

LITE

TM



UNDERLAYMENT FOR TILE & STONE

1 PREP



WonderBoard® Lite

For Wood Floors & Countertops



1/4" WonderBoard® Lite Backerboard

Size	
36" x 60" x 1/4"	15 sq. ft.

For Walls & Showers



7/16" WonderBoard® Lite Backerboard

Size	
36" x 60" x 7/16"	15 sq. ft.

WonderBoard Lite can be used in applications such as walls, ceilings, floors, decks, countertops and vanities. Use under any tile or natural stone.



Eligible for up to a Lifetime Warranty – No reported failures in 40 years



Meets All ANSI Specifications for Cement Backerboard



For Use in Wet Areas



For Indoor and Outdoor Use



Contains No Wood Fiber or Gypsum

Surface Preparation

Floors & Countertops



5/8" subfloor with 16" on center framing



Installation over existing vinyl floor

Over Wood Subfloor

For best results, be sure plywood subfloor panels are gapped 1/8" at seams. If plywood is not gapped, saw cut joints all the way through the plywood sheets. Keep joints free of mortar.

- 1 Subfloor and countertop base should be an exterior grade plywood with a minimum thickness of 3/4" when using 1/4" WonderBoard Lite. When using 7/16" WonderBoard Lite, base should be a minimum of 5/8" thick. The total wood subfloor including the plywood and WonderBoard Lite should be a minimum of 1" thick.
- 2 Ensure the subfloor is structurally sound and clear of debris.
- 3 Joists or framing should be spaced no more than 16" on center.

Over Vinyl Floors

Do not apply directly over cushioned or sponged back flooring. Subfloor under linoleum must comply with requirements of wood subfloor and should be well bonded.

- 1 Clean flooring thoroughly and remove all waxes, coatings and other contaminants.

Over Existing Plastic Laminated Countertops

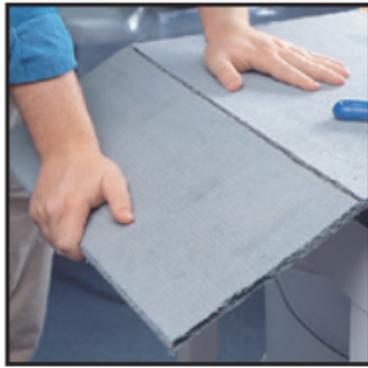
- 1 If thoroughly bonded and rigid, clean to remove all contaminants then roughen surface with coarse sander.
- 2 Remove any loose material.

Recommended:

Wear impervious gloves, such as nitrile, safety glasses and approved dust mask. Please read Safety Data Sheet for details.

Installation for Ceramic Tile or Natural Stone

Scoring & Cutting Panels



Tip:

Use a circular saw with a carbide-tipped blade for large cutouts or a drill with a masonry bit for small holes.

Score then snap WonderBoard Lite

Save time by pre-cutting all panels then fastening.

- 1 With scoring tool or utility knife and straight-edge, score through fiberglass mesh on one side.
- 2 Snap board at score line.
- 3 Cut mesh on other side and snap back. Cut through mesh on both sides.
- 4 Knock out piece with hammer and smooth with file.

Floor or Countertop Installation: 1/4" or 7/16" WonderBoard Lite



Adhere to subfloor



Stagger surface and
panel joints

- 1 Using a 1/4" x 1/4" x 1/4" square-notch trowel, apply a leveling bed of polymer-modified thin-set mortar such as FlexBond® to the subfloor.
- 2 Place WonderBoard Lite panels perpendicular to the plywood sheets, leaving a 1/8" gap between each panel.
- 3 Stagger panel joints to eliminate a continuous gap line across the floor.
- 4 Fasten WonderBoard Lite every 6"-8" around all edges using 1-1/4" cement backerboard screws or 1-1/2" galvanized roofing nails. Around perimeter of each board, position fasteners within 1/2" -2" of edges and throughout the panels.
- 5 Fill all joints between panels with thin-set mortar then embed 2" wide fiberglass mesh tape and smooth. Leave a 1/8"-1/4" gap around perimeter of wall for expansion.

Wall Installation: 7/16" WonderBoard Lite



Fasten to studs



Tape gaps

- 1** In wet areas, nail or staple 15 lb. roofing felt or 4 mil polyethylene sheeting to studs prior to installing the WonderBoard Lite.
- 2** Stagger panel joints to eliminate a continuous gap line across the wall.
- 3** Fasten WonderBoard Lite panels to studs every 6"-8" around all edges using 1-1/4" cement backerboard screws or 1-1/2" galvanized roofing nails. Around perimeter of each board, position fasteners within 1/2"-2" of edges. Leave a 1/8" gap between panels, corners and floor.
- 4** Fill gaps between panels and corners with a thin-set mortar, then embed 2" wide fiberglass mesh tape and smooth.

See website for how to waterproof with RedGard®.

Setting Tile



Press tiles into place

Tip:

Tile installation should cure 24 hours before grouting.

Following the thin-set mortar instructions, you can now install the tile or stone.

- 1** Clear all debris from WonderBoard Lite and vacuum to eliminate excess dust or dirt. Lightly dampen panels with sponge or cloth.
- 2** Use a thin-set mortar and spread with a notch trowel (see trowel for correct size based on tile dimensions).
- 3** Press tile firmly into place in a perpendicular motion across ridges, moving back and forth 1/8"-1/4".

Recommended:

Use one of CUSTOM's premium mortars for a Lifetime Warranty on your installation.

Tools & Materials Checklist



- Level or straightedge
- Scoring tool
- Square notch trowel
- Hammer
- Drill and drill bits
- Latex or polymer-modified thin-set mortar such as: FlexBond® Premium Crack Prevention Thin-Set Mortar
- 1-1/2" galvanized roofing nails or
- 1-1/4" Backerboard Screws
- 2" wide alkali-resistant fiberglass joint tape
- 1/4" WonderBoard Lite
- 7/16" WonderBoard Lite



Look for this icon on products that qualify for a **Lifetime Warranty**

 **Learn more at [homedepot.com](https://www.homedepot.com)**

Not for use over concrete/gypsum substrates.

WonderBoard Lite must not be used as a structural load-bearing member. Foundation must be sound at all times. WonderBoard Lite is unaffected by water but is not a water barrier.

Fire Performance: WonderBoard Lite has achieved a fire resistance rating for cementitious backer units per ANSI/UL 263 and CAN/ULC S101, Report No. 21766.

Refer to the Product Data Sheet for complete application, use, limitation and warranty information.

WonderBoard® Lite is a registered trademark of Modulars, Inc.



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