WonderBoard® Lite
Installation Guide

WonderBoard Lite can be used on horizontal or vertical (7/16" only) applications such as walls, ceilings, floors, decks, countertops and vanities. Use under any tile or natural stone.

For Walls & Showers

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

Surface Preparation

For best results, make 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.

- Subfloor and countertop base should be an exterior grade plywood with a minimum thickness of 5/8" when using 7/16" WonderBoard Lite. When using 1/4" 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.
- Ensure the subfloor is structurally sound and clear of debris. Joints or framing should be spaced no more than 16" on center.
- Clean flooring thoroughly and remove all waxes, debris.
- Over Existing Plastic Laminated Countertops:
  - Remove any loose material.
  - If thoroughly bonded and rigid, clean to remove all contaminants then roughen surface with coarse sander.
  - Clean all debris from WonderBoard Lite and vacuum debris.
  - Lay a leveling bed of thin-set mortar to the subfloor.
  - Fill all joints between panels and corners with a thin-set mortar.
  - 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" of edges. Leave a 1/8" gap between panels, corners and floor.
  - Fill gaps between panels and corners with a thin-set mortar, then embed 2" wide (5 cm) fiberglass mesh tape and smooth.

Tools & Materials Checklist

- Ceiling Panels: WonderBoard Lite 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.
- Subfloor and countertop base should be an exterior grade plywood with a minimum thickness of 5/8" when using 7/16" WonderBoard Lite. When using 1/4" 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.
- Ensure the subfloor is structurally sound and clear of debris. Joints or framing should be spaced no more than 16" on center.
- Clean flooring thoroughly and remove all waxes, debris.
- Over Existing Plastic Laminated Countertops:
  - Remove any loose material.
  - If thoroughly bonded and rigid, clean to remove all contaminants then roughen surface with coarse sander.
  - Clean all debris from WonderBoard Lite and vacuum debris.
  - Lay a leveling bed of thin-set mortar to the subfloor.
  - Fill all joints between panels and corners with a thin-set mortar, then embed 2" wide (5 cm) fiberglass mesh tape and smooth.

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- Ensure the subfloor is structurally sound and clear of debris. Joints or framing should be spaced no more than 16" on center.
- Clean flooring thoroughly and remove all waxes, debris.
- Over Existing Plastic Laminated Countertops:
  - Remove any loose material.
  - If thoroughly bonded and rigid, clean to remove all contaminants then roughen surface with coarse sander.
  - Clean all debris from WonderBoard Lite and vacuum debris.
  - Lay a leveling bed of thin-set mortar to the subfloor.
  - Fill all joints between panels and corners with a thin-set mortar, then embed 2" wide (5 cm) fiberglass mesh tape and smooth.
- 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 supported.
  - Clean floor thoroughly and remove all waxes, coatings and other contaminants.

Not for use over concrete/gypsum substrates. WonderBoard Lite must be used as a structural load-bearing member. Foundation must be sound at all times. WonderBoard Lite is unsuitable for water but is not a water barrier. For further information, WonderBoard Lite has achieved a fire resistance rating for cementitious backer units per ANSI/UL 263 and CAN/ULC S101, Report No. 21766.
WonderBoard Lite is a registered trademark of Milliken, Inc.

800-272-8786
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WonderBoard® Lite Installation Guide

Surface Preparation

- Use WonderBoard Lite on horizontal or vertical (7/16” only) applications such as walls, ceilings, floors, decks, countertops and vanities. Use under any tile or natural stone.

Installation for Ceramic Tile or Natural Stone

- Use WonderBoard Lite as a base for installation of ceramic tile, mosaics or natural stone.
- Use WonderBoard Lite with high resolution, hi-gloss and natural stone tile applications. Avoid use with low resolution, low gloss glow and glass tile applications.
- WonderBoard Lite is an ideal base for use with WonderWall, WonderWall Rigid, WonderStone, WonderBoard 7/16” and WonderBoard 1/4”.

Scoring & Cutting Panels

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

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

1. Adhere to subfloor
2. Snap board at score line.
3. Score mesh on both sides.
4. Cut through fiberglass mesh on one side.
5. Knock out piece with hammer and smooth with mesh side.
6. If thoroughly bonded and rigid, clean to remove all contaminants then roughen surface with coarse sander.

For Walls & Showers

- Use WonderBoard Lite as a base for installation of ceramic tile, mosaics or natural stone.
- Use WonderBoard Lite with high resolution, hi-gloss and natural stone tile applications. Avoid use with low resolution, low gloss glow and glass tile applications.
- WonderBoard Lite is an ideal base for use with WonderWall, WonderWall Rigid, WonderStone, WonderBoard 7/16” and WonderBoard 1/4”.

Setting Tile

- Press tiles into place in a perpendicular motion
- Fill gaps between panels and corners with a thin-set mortar
- Leave a 1/8”-1/4” gap around perimeter of floor or wall

Wall Installation: 7/16” WonderBoard Lite

1. Fasten to studs
2. Tape gaps
3. Fill any gaps with WonderWall Crack Prevention Mortar
4. Use a thin-set mortar and spread with a notch trowel
5. Press tiles into place

For Walls & Showers

- Use WonderBoard Lite as a base for installation of ceramic tile, mosaics or natural stone.
- Use WonderBoard Lite with high resolution, hi-gloss and natural stone tile applications. Avoid use with low resolution, low gloss glow and glass tile applications.
- WonderBoard Lite is an ideal base for use with WonderWall, WonderWall Rigid, WonderStone, WonderBoard 7/16” and WonderBoard 1/4”.

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: RedBond
- 1/2”-1/2” galvanized roofing nails or 1-1/4” Backerboard Screws
- 2” wide alkali-resistant fiberglass joint tape
- WonderBoard Lite
- 7/16” WonderBoard Lite

For Floors & Countertops

- Use WonderBoard Lite as a base for installation of ceramic tile, mosaics or natural stone.
- Use WonderBoard Lite with high resolution, hi-gloss and natural stone tile applications. Avoid use with low resolution, low gloss glow and glass tile applications.
- WonderBoard Lite is an ideal base for use with WonderWall, WonderWall Rigid, WonderStone, WonderBoard 7/16” and WonderBoard 1/4”.

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- WonderBoard Lite is an ideal base for use with WonderWall, WonderWall Rigid, WonderStone, WonderBoard 7/16” and WonderBoard 1/4”.

For Indoor and Outdoor Use

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

For Use in Wet Areas

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

For Walls & Showers

- Use WonderBoard Lite as a base for installation of ceramic tile, mosaics or natural stone.
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For Floors & Countertops

- Use WonderBoard Lite as a base for installation of ceramic tile, mosaics or natural stone.
- Use WonderBoard Lite with high resolution, hi-gloss and natural stone tile applications. Avoid use with low resolution, low gloss glow and glass tile applications.
- WonderBoard Lite is an ideal base for use with WonderWall, WonderWall Rigid, WonderStone, WonderBoard 7/16” and WonderBoard 1/4”.

COVER MATERIALS FOR FIRE RATING

- WonderBoard Lite must not be used as a structural load-bearing member. Joist span must be supported at all times. WonderBoard Lite is unaffected by water but is not a water barrier.
- For performance, WonderBoard Lite has achieved a fire resistance rating of concrete backer units per ANSI/UL 263 and CAN/ULC S504 (Report No. 2578).
- WonderBoard Lite is a registered trademark of Modulars, Inc.

Learn more at homedepot.com

Not for use over concrete/gypsum substrates.

For Floors & Countertops

- Use WonderBoard Lite as a base for installation of ceramic tile, mosaics or natural stone.
- Use WonderBoard Lite with high resolution, hi-gloss and natural stone tile applications. Avoid use with low resolution, low gloss glow and glass tile applications.
- WonderBoard Lite is an ideal base for use with WonderWall, WonderWall Rigid, WonderStone, WonderBoard 7/16” and WonderBoard 1/4”.
WonderBoard® Lite Installation Guide

FOR TILE & STONE UNDERLAYMENT

Installation Guide

Lite For Wood Floors & Countertops

WonderBoard walls, ceilings, floors, decks, countertops and or vertical (7/16" only) applications such as vanities. Use under any tile or natural stone.

Gypsum No failures in 40 years

Lifetime Warranty —

Contains Outdoor Use

For Indoor and Outdoor Use

For Wood Floors & Countertops

Specifications for

Cement Backerboard

Meets All ANSI® Standards for Backerboard

Contains No Wood Fiber or Gypsum

Eligible for a Lifetime Warranty — No failures in 40 years

For Walls & Showers

7/16" WonderBoard® Lite Backerboard

5/8" subfloor with 7/16" on center WonderBoard Lite

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.

Subfloor and counter top 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.

Ensure the subfloor is structurally sound and clear of debris.

Stagger panel joints to eliminate a continuous gap across the wall.

Ensure if gapped, space should be no more than 1/2" on center.

For Wood Floors & Countertops

Floor or Countertop Installation:

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

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

Coverage

Size

Floor Installation: 7/16" WonderBoard Lite

Fasten to studs

Tape gaps

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. Along perimeter of each board, post fasten with WonderBoard Lite screws within 1/2" of edges. Leave a 1/8" gap between panels, corners and floor.

Fill gaps between panels and corners with a thin-mortar, then embed 2" wide (5 cm) fiberglass mesh tape and smooth.

Wall Installation: 7/16" WonderBoard Lite

Press tile into place

Following the thin-set mortar instructions, you can now retail the floorcovering.

Clear all debris from WonderBoard Lite and vacuum to eliminate excess dust or debris. Lightly dampen panels with sponge or cloth.

Use a thin-set mortar and spread with a notch trowel (see trowel for correct size based on tile dimensions).

Press tile firmly into place in a perpendicular motion.

Stagger panel joints to eliminate a continuous gap across the wall.

In wet areas, nail or staple 15 lb. roofing felt or 4 mil polyethylene sheeting to studs prior to installing the WonderBoard Lite.

Stagger panel joints to eliminate a continuous gap across the wall.

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. Along perimeter of each board, post fasten with WonderBoard Lite screws within 1/2" of edges. Leave a 1/8" gap between panels, corners and floor.

Fill gaps between panels and corners with a thin-mortar, then embed 2" wide (5 cm) fiberglass mesh tape and smooth.

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

Fasten to studs

Tape gaps

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. Along perimeter of each board, post fasten with WonderBoard Lite screws within 1/2" of edges. Leave a 1/8" gap between panels, corners and floor.

Fill gaps between panels and corners with a thin-mortar, then embed 2" wide (5 cm) fiberglass mesh tape and smooth.

Tip:

Using a 1/4" x 1/4" x 1/4" square-notch trowel, apply a leveling bed of thin-set mortar to the subfloor.

Place WonderBoard Lite panels perpendicular to the plywood sheets, leaving a 1/8" gap between each panel.

Stagger panel joints to eliminate a continuous gap across the floor.

Fasten WonderBoard Lite every 6"-8" around all edges using 1-1/4" cement backerboard screws or 1-1/2" galvanized roofing nails. Along perimeter of each board, position fasteners within 1/2" of edges and throughout the panels.

Fill all joints between panels with thin-mortar then embed 2" wide (5 cm) fiberglass mesh tape and smooth. Leave a 1/8"-1/4" gap around perimeter of wall for expansion.

Wall Preparation:

Adhere to subfloor

Stagger panel joints to eliminate a continuous gap across the wall.

Fasten WonderBoard Lite every 6"-8" around all edges using 1-1/4" cement backerboard screws or 1-1/2" galvanized roofing nails. Along perimeter of each board, position fasteners within 1/2" of edges and throughout the panels.

Fill all joints between panels with thin-mortar then embed 2" wide (5 cm) fiberglass mesh tape and smooth. Leave a 1/8"-1/4" gap around perimeter of wall for expansion.

Tools & Materials Checklist

One Trip Checklist

Level or straightedge

Scoring tool

Square notch trowel

Hammer

Drill and drill bits

Latex or polymer-modified thin-set mortar such as RedBond® Crack Prevention Mortar

1-1/2" galvanized roofing nails or 1-1/4" Backerboard Screws

2" wide alkali-resistant fiberglass joint tape

2" WonderBoard Lite

Wall Installation: 7/16" WonderBoard Lite

Press tile into place

Following the thin-set mortar instructions, you can now retail the floorcovering.

Clear all debris from WonderBoard Lite and vacuum to eliminate excess dust or debris. Lightly dampen panels with sponge or cloth.

Use a thin-set mortar and spread with a notch trowel (see trowel for correct size based on tile dimensions).

Press tile firmly into place in a perpendicular motion across ridges, moving back and forth 1/8"-1/4".
WonderBoard® Lite
Installation Guide

WonderBoard Lite can be used on horizontal or vertical (7/16” only) applications such as walls, ceilings, floors, decks, countertops and vanities. Use under any tile or natural stone.

Meets All ANSI Specifications for Cement Backerboard

For Walls & Showers

Floor Installation: 7/16” WonderBoard Lite

1. Setting Tile

- Clear all debris from WonderBoard Lite and vacuum before grouting.
- Use a 1/4” x 1/4” x 1/4” square-notch trowel.
- Apply a leveling bed of thin-set mortar to the subfloor.
- In wet areas, nail or staple 15 lb. roofing felt or 4 mil polyethylene sheeting to studs prior to installing the WonderBoard Lite.
- Snap grid at score line.
- Fasten WonderBoard Lite panels to studs every 6”-8” around all edges using 1-1/4” backerboard screws or 1-1/2” galvanized roofing nails.
- 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. Add gapping around perimeter of each board, position fasteners within 1/2” of edges. Leave a 1/8” gap between panels, corners and floor.

2. Fasten to Studs

- Use a thin-set mortar and spread with a notch trowel.
- Add Adhesive to subfloor then spread thin-set mortar, then embed 2” wide (5 cm) fiberglass mesh tape and smooth.
- Snap WonderBoard Lite 7/16” WonderBoard Lite into place.
- Fill gaps between panels and corners with a thin-set mortar, then embed 2” wide (5 cm) fiberglass mesh tape and smooth.

3. Grout

- Tile installation should cure 24 hours before grouting.
- Following the thin-set mortar instructions, you can now install the floorcovering.
- Press tile into place.

4. Finishing Touches

- Clear all debris from WonderBoard Lite and vacuum to eliminate excess dust or dirt. Lightly dampen panels with sponge or cloth.
- Use a thin-set mortar and spread with a notch trowel (see trowel for correct size based on tile dimensions).
- Press tile firmly into place in a perpendicular motion.
- Fill gaps between panels and corners with a thin-set mortar, then embed 2” wide (5 cm) fiberglass mesh tape and smooth.

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® Crack Prevention 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

Uplaynderly for Tile & Stone

WONDERBOARD® Lite

For Indoor and Outdoor Use

Contains No Wood Fiber or Gypsum

For Walls & Showers

7/16” WonderBoard Lite Backerboard

48” x 24” x 7/16” 15 sq. ft.

For Wood Floors & Countertops

1/4” wonderBoard Lite Backerboard

36” x 60” x 7/16” 15 sq. ft.

For Wet Areas

WonderBoard Lite can be used on horizontal or vertical (7/16” only) applications such as walls, ceilings, floors, decks, countertops and vanities. Use under any tile or natural stone.

Meets All ANSI Specifications for Cement Backerboard

Surface Preparation

Adhesive to subfloor then spread thin-set mortar, then embed 2” wide (5 cm) fiberglass mesh tape and smooth.

Scoring & Cutting Panels

Recommended:

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

1. 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.

2. 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.

3. Ensure the subfloor is structurally sound and clear of debris.

4. Subfloor or framing should be spaced no more than 16” on center.

5. Remove any loose material.

6. 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” of edges. Leave a 1/8” gap between panels, corners and floor. Use a thin-set mortar and spread with a notch trowel.

7. 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. Add gapping around perimeter of each board, position fasteners within 1/2” of edges. Leave a 1/8” gap between panels, corners and floor.

8. Fill gaps between panels and corners with a thin-set mortar, then embed 2” wide (5 cm) fiberglass mesh tape and smooth.

Wall Installation: 7/16” WonderBoard Lite

1. Snap grid at score line.

2. 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. Add gapping around perimeter of each board, position fasteners within 1/2” of edges. Leave a 1/8” gap between panels, corners and floor.

3. Fill gaps between panels and corners with a thin-set mortar, then embed 2” wide (5 cm) fiberglass mesh tape and smooth.

4. Press tile into place in a perpendicular motion across edges, rolling back and forth 1/8”-1/4”.

For Indoor and Outdoor Use

Contains No Wood Fiber or Gypsum

For Wood Floors & Countertops

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36” x 60” x 1/4” 15 sq. ft.

For Walls & Showers

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