

INSTALLATION GUIDE

TRITON® BACKER BOARD

Wall Installation (1/2")

W1. ENSURE FRAMING IS STRUCTURALLY SOUND AND PROPERLY ALIGNED

- Wall must comply with local building code and ANSI A108.11
- Use minimum 2"x4" wood studs or 20 gauge metal studs at maximum 16" o.c.

W2. DETERMINE LAYOUT

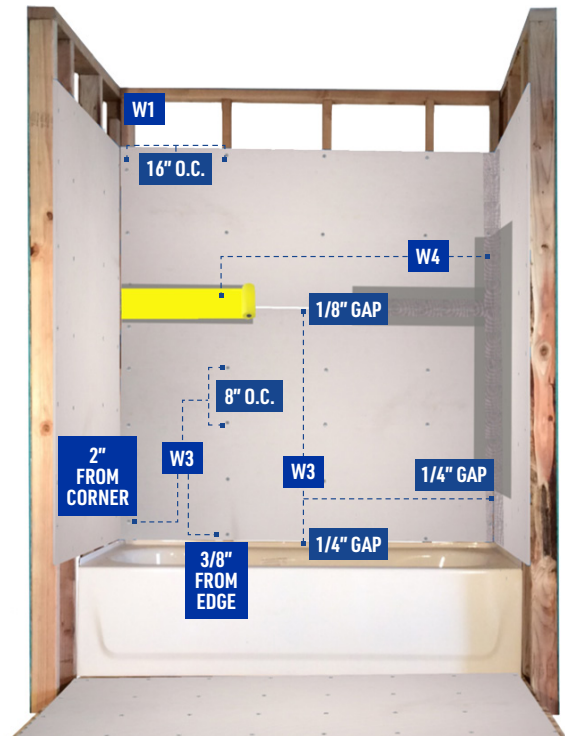
- TRITON® Backer Board edges parallel to framing must be structurally supported
- Cut backer to size and make necessary cutouts
- Do not allow four corner joints

W3. ATTACH BACKER TO FRAMING MEMBERS

- Use proper nails or screws at maximum 8" o.c.
- Keep fasteners 3/8" from TRITON Backer Board edges and 2" from corners
- Attach backer to structural members, maintaining 1/8" gap between sheets (to be filled with mortar), and 1/4" gap between backer and floor/tub/shower pan (to be caulked appropriately).
- Set fasteners flush with TRITON Backer Board

W4. TAPE JOINTS PRIOR TO TILING

- Clean seams with damp sponge
- For in-plane seams, fill seams with mortar and embed 2" wide, high strength, alkali resistant fiberglass mesh tape.
- For change of plane (corner) joints, space TRITON Backer as required, tape joints using a skim coat of mortar, but do not fill.
- MiTek Waterproof Seam Tape may also be used over seams



5. TO FINISH TRITON BACKER BOARD WITH WALL OR FLOOR TILE

- Wet area applications require use of the MiTek Watertight System
- Refer to mortar and tile manufacturers' application guidelines
- Wipe the surface of the backer with a **damp sponge** just prior to applying mortar to clean as well as dampen the backer
- **TIP:** TRITON Backer Board can be installed with either the smooth or textured side facing out.



PROPER FASTENERS:

Corrosion Resistant Roofing Nails
or Cement Backer Screws
Min. 1 1/4" for Floors and Interior Walls
Min. 1 3/4" for Exterior Walls

Floor Installation (1/4")

F1. ENSURE SUBFLOOR IS STRUCTURALLY SOUND

- Replace any loose, warped, uneven, or damaged sections
- Ensure subfloor is clean and flat
- Structural subfloor must be engineered not to exceed the L/360 deflection criteria or L/720 for natural stone
- Floor must comply with local building code and ANSI A108.11

F2. DETERMINE LAYOUT

- Do not align TRITON Backer Board with subfloor joints
- Do not allow four corner joints
- Cut TRITON Backer Board to size, make needed cutouts and holes

F3. ATTACH BACKER TO SUBFLOOR

- Apply supporting bed of mortar that meets or exceeds ANSI A118.1 to subfloor using a 1/4" square notch trowel. For proper guidance regarding specific substrates, refer to mortar manufacturer's guidelines
- Embed TRITON Backer Board into wet mortar, maintaining 1/8" gap between sheets (to be filled with mortar), and 1/4" gap between backer and walls/cabinet bases/tubs/shower pans
- Fasten TRITON Backer Board with proper nails or screws every 8" in the field keeping 3/8" from the edge and 2" from the corners

F4. TAPE JOINTS PRIOR TO TILING

- Clean seams with damp sponge
- Fill joints with mortar
- Embed 2" wide, high strength, alkali-resistant glass fiber tape into the mortar



5. TO FINISH TRITON BACKER BOARD WITH WALL OR FLOOR TILE

- Wet area applications require use of the MiTek Watertight System
- Refer to mortar and tile manufacturers' application guidelines
- Wipe the surface of the backer with a **damp sponge** just prior to applying mortar to clean as well as dampen the backer
- **TIP:** TRITON Backer Board can be installed with either the smooth or textured side facing out.



PROPER FASTENERS:

Corrosion Resistant Roofing Nails
or Cement Backer Screws
Min. 1 1/4" for Floors and Interior Walls
Min. 1 3/4" for Exterior Walls