

# 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

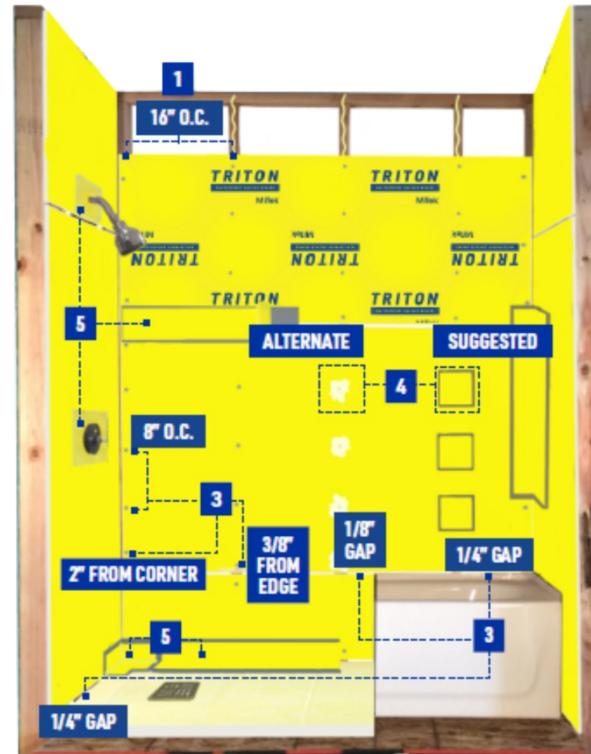
- TRITON® Backer Board edges parallel to framing must be structurally supported
- Cut backer to size and make necessary cutouts
- Do not allow four corner joints

### 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.
- Triton Waterproof Seam Tape may also be used over seams



### W5 TO FINISH TRITON BACKER BOARD WITH WALL OR FLOOR TILE

- Wet area applications require use of the Triton Water-tight 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.

	<p><b>PROPER FASTENERS:</b></p> <p>Corrosion Resistant Roofing Nails or Cement Backer Screws</p> <p>Min. 1 1/4" for Floors and Interior Walls</p> <p>Min. 1 1/4" for Exterior Walls</p>
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## 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

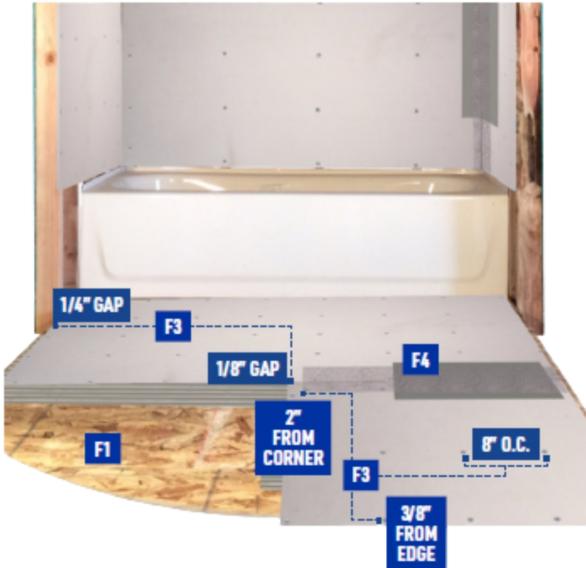
- Do not align TRITON Backer Board with subfloor joints
- Do not allow four corner joints
- Cut TRITON Backer Board to size, make needed cut-outs and holes

### 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



### F5 TO FINISH TRITON BACKER BOARD WITH WALL OR FLOOR TILE

- Wet area applications require use of the Triton Water-tight 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.

	<b>PROPER FASTENERS:</b> Corrosion Resistant Roofing Nails or Cement Backer Screws Min. 1 1/4" for Floors and Interior Walls Min. 1 1/4" for Exterior Walls
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