MWI COMPONENTS
TITANN BOARD®
INSTALLATION GUIDE

ENVIRONMENTAL CONDITIONING & INSPECTION:

Acclimate Titann Board to the temperature and humidity of the installation area for at least 24 hours prior to installation.

Ideal installation environment: 50°F to 85°F with controlled humidity.

The installer/customer is responsible for verifying the material prior to installation:

- Check for damage, warping, or color variation.
- Confirm all quantities and lengths.
- Installed product will be considered accepted.

TOOLS REQUIRED:

- Tape measure
- Level
- Tapping Block
- Impact driver or screw gun
- #1 square-drive bit
- Cut with one of the two:
  - Circular saw with 120(+) tooth sawblade
  - Grinder with cutting diamond blade
- Caulk gun
- Clamps (optional but helpful)

MATERIALS:

- Titann Board Panels
- Compatible wood or steel screws (#1 square-drive, Stainless Steel)
- Base Trim, J-Trim, Joint Molding, Inside Corner, J-Trim, Outside Corner
- 100% silicone caulk

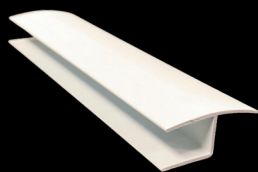**Wood Screw**
1.25" or 0.75"

Steel Screw
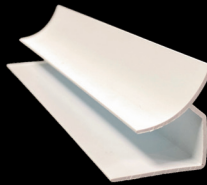1.25" or 0.75"

Truss Head #1 Square Drive

MOLDINGS

Base Trim
Part #: 765BASETRIM

Joint Molding
Part #: 765JNTMLD

Inside Corner / Crown Molding
Part #: 765INSCNR

End Cap / J Trim
Part #: 765ENDCAP

Outside Corner
Part #: 765OUTCNR

FRAMING PREP:

1. Install framing (wood or steel) every 16" to 24" max on-center.
2. Where wall-mounted equipment or fixtures will be installed, add laminated plywood backing for support.
3. Ensure framing is plumb, square, and dry.

CUTTING & EXPANSION:

- When cutting Titann Board, leave a ¼" (6mm) expansion gap around all edges to allow for natural movement.
- Do not force panels tight against trim or walls.

PANEL

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INSTALLATION STEPS:
A. Ceilings (Install First if Applicable)
1. Begin with the ceiling if part of the installation.
2. Install J-Trim at the perimeter edges of the ceiling to support the first panel.
3. Insert Titan Board panels into J-Trim. Ensure the first panel is square and level.
4. If using panels at the ceiling-to-wall transition, install an inside corner trim along the top of the walls to meet the ceiling panels.

B. Walls
1. Install J-Trim or Base Trim at the base of the walls.
2. Insert the first Titann Board panel into the base J-Trim, making sure it's square and plumb.
3. Secure the panel by screwing through the tongue edge into studs using pre-drilled holes or marked guides.
   - Do not overtighten screws; they should be snug but allow for expansion.
4. Continue inserting and fastening subsequent panels, ensuring tongue-and-groove joints are properly seated.
5. At the top of the wall, if ceiling is not done, install J-Trim or Inside Corner to cap the wall panels.

C. Corners, Windows, and Doors
Use:
- Inside Corner Trim or Back-to-Back J-Trim in interior corners.
- J-Trim around windows and door frames for a clean, finished edge.

Sealing & Final Touches
- Apply 100% silicone caulk (Available for Purchase at MWI Components) at:
  - All corner joints
  - Wall-to-ceiling transitions
  - Around penetrations (doors, windows, fixtures)
- Smooth caulk for clean finish.
- Wipe down surfaces with mild soap and water after installation.

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