



Installation Tips for Wood Triangles

Modular triangle wood panels for geometric feature walls

Read First

These instructions cover the installation of Modular Wood Triangles on interior walls. Always follow local building codes and the adhesive/fastener manufacturer's directions.

IMPORTANT: First, check the shape of the installation area for your wall — it must be completely flat, with no uneven surfaces or bulges. If the wall is not flat, use plaster, install on MDF battens, or purchase 0.25"x4'x8' MDF sheets and install them on the wall first. The MDF area should be approximately 0.5–1" smaller than the total area of your wall installation.

If You Prefer a Dry Installation (No Adhesive on the Wall)

If you're renting or simply want an option that leaves minimal wall damage when removed, here's an easy solution:

1. First, attach an MDF sheet to your wall using finishing nails. These small nail holes are easy to patch later.
2. Then, install your wall panels on top of the MDF sheet using adhesive, following the standard installation diagram.
3. When you move out or need to remove the wall, you can easily detach the MDF sheet.

For an advanced setup, you can even make your wall *movable*: align the MDF backing sheets so their joints match the panel connections. This way, you can deinstall your wall in sections and take it with you.

Tools & Materials

- Tape measure, pencil, stud finder, 4'–6' level or laser, square
- Construction adhesive (MS-polymer or polyurethane), caulk gun. The recommended adhesive is Fuze It Max (product # 313740337 in Home Depot).
- 18-ga brad Nailer with 2" nails for hidden pinning
- Drill with ¼ bit.
- Rags, color-matched sealant or wood filler

Site Conditions & Acclimation

- Install in normal lived-in conditions: 60–80°F (16–27°C), 35–55% RH

- Store cartons flat and out of sun; acclimate panels 48 hours in the room
- Run HVAC/ventilation 24 hours before install in kitchens/baths

Substrate Prep

- Acceptable: painted drywall, MDF/plywood, cement board, primed plaster
- Surface must be clean, dry, sound, and flat ($\leq 1/16"$ in 6')
- Remove dust, oils, silicone, loose paint; mark studs; snap level/plumb lines

Layout & Pattern Planning

- Dry-lay triangles on the wall to select pattern (chevrons, diamonds, pinwheels)
- Connect triangles with enclosed PINs to form squares
- Start from a centerline or a visible edge and work outward
- Rotate/flip pieces for grain direction and visual balance
- Install the LED strip in the **integrated channel** of **Part #1**. Make a $\frac{1}{4}"$ hole in one of the ends of the channel back or on side to route the lead wires **flat against the wall** behind the panel, then set the piece with adhesive — shim as needed so the panel and wiring sit flush. **Test the LED connection before the adhesive cures** (do not pinch the wires).

Installation – Adhesive Set (Recommended)

- Wipe backs and wall dust-free; dry-fit first course
- Connect triangles with enclosed PINs to form squares
- Apply construction adhesive in $3/8"$ beads near edges plus an S-pattern in the field
- Press triangle to the wall along your layout line; slide slightly to wet-out
- Roll with a j-roller; support with painter's tape while curing
- Optional: pin with 18-ga brads in shadow lines; fill nail holes and touch up
- Maintain alignment across seams; check level every row
- Seal perimeter joints and wet-adjacent edges with color-matched sealant

Maintenance

- Dust with microfiber; wipe slightly damp—do not saturate
- Avoid ammonia/solvent cleaners; protect from direct high heat

Need Help?

We're here for you!

Product Support Email: info@walls-to-go.com