



INSTALLATION GUIDE

SUGGESTED TOOLS:

- ✓ Tape Measure
- ✓ Nail Gun
- ✓ Rubber Mallet / Hammer / Clamp
- ✓ Nail Set Tool
- ✓ Blue Tape for Marking / Placement
- ✓ Air Compressor (for nail gun)
- ✓ Circular Saw / Hand Saw / Jig Saw
- ✓ 15 Gauge x 2" Galvanized Nails to Apply Directly to Truss or 2.1/2" Galvanized Nails to Apply Through Drywall into Truss

BEFORE YOU BEGIN:

Inspect all boards before installation. Minor variations and natural characteristics such as knots, grain patterns, and color differences are normal and part of the wood's beauty.

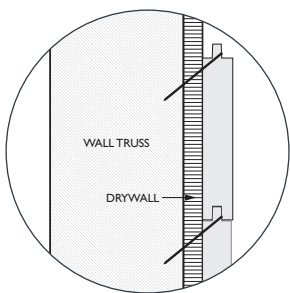
Do not discard boards with imperfections. If you encounter a section with a knot, split, or bend you prefer not to use, simply cut it out. The remaining pieces can be used as starter or end boards.

Plan for waste. Allow for waste when estimating materials to account for trimming and cuts.

INSTALLATION STEPS:

1. Start with a Random Pattern

Begin by cutting a random length from a full-length or shorter end-matched board. Install this first board with the cut side facing the end wall, leaving a 1/4"–3/8" expansion gap around the perimeter.



We recommend blind nailing using a 15-gauge galvanized or stainless-steel finish nail, driven through the tongue at an angle into solid wood framing (such as trusses or furring strips). Ensure a minimum 1 1/2" penetration into solid framing.

2. Install the First Run

Continue installing full-length boards, locking end-matched tongues tightly into grooves. End joints do not need to land on a framing member—install boards as they come from the bundle.

3. Stagger the Joints

Use the drop from your first cut to start the second run from the opposite end.

Continue with full-length boards, alternating start points for a staggered, natural pattern. Save all cutoffs with either a male or female end; these can be used as starter or end pieces on future runs.

4. Continue the Process

Plan each run so that end-matched joints fall randomly across the surface.

Keep joints tight using a mallet, hammer, or clamp before nailing. Continue until the ceiling or wall is fully covered.

5. Install Trim Moldings**

Measure, cut, and install trim around the perimeter to conceal expansion gaps.

Face-nail trim pieces only—use pin or brad nails for the cleanest finish.

WHAT SYNERGY ALLOWS:

Each board is graded by industry standards and Synergy's own quality criteria. Slight side bends are acceptable and often straighten easily with light pressure during installation.

- ▶ 5' to 7' long boards; up to 1/4" side bend
- ▶ 7' to 8' long boards; up to 3/8" side bend
- ▶ 8' to 10' long boards; up to 1/2" side bend
- ▶ 10' to 12' long boards; up to 5/8" side bend
- ▶ 12' to 14' long boards; up to 3/4" side bend

Boards within these tolerances are considered usable.

HOW TO USE WHAT'S DELIVERED:

Use boards directly from the bundle—don't sort or set aside pieces. If a board has an undesirable feature, cut around it and use the remaining sections. Every piece is part of your finished surface.

WOOD MOVEMENT:

Wood is a living material that expands and contracts with changes in humidity and temperature.

Movement occurs primarily across the grain, not along the board's length.

Synergy's tongue-and-groove boards may expand or contract up to 1/8" in width depending on job site conditions and acclimation.

This natural movement is not a defect.

To minimize movement, allow wood to acclimate to the environment before installation and maintain stable indoor conditions after installation.

USE THE BOARDS IN THE BUNDLE:

Don't set aside boards that may have natural or undesirable "defects". Use these boards during the normal course of installation by adjusting or cutting out the undesirable areas and using the remaining parts of the board as starting or ending pieces.

The natural and expected movement of wood, which includes an increase or decrease in width, is not considered a defect.



Installation of Synergy Wood with furring strips over drywall.

ADDITIONAL GUIDELINES:

DO:

- ▶ Use boards as they come from the bundle.
- ▶ Allow for expansion gaps around the perimeter.
- ▶ Expect natural color and grain variation—it's part of the wood's natural character.

DON'T:

- ▶ Expose product to direct sunlight, rain, or moisture.
- ▶ Store or acclimate outdoors under plastic.
- ▶ Attempt to color-match boards within a room.

** Trim moldings are available in various sizes:

Southern Pine trim is available in 1 1/2" Ceiling Trim, 3 1/4" Crown and 1X4 S4S.

Red Grandis trim is available in 1 1/2" Ceiling Trim, 3" Crown and 1X3 S4S.

Need Help?

For more information or technical assistance, contact us:

☎ Toll-Free: 866-791-6714

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