

DECORATIVE WOOD LATTICE SCREENS INSTALLATION BEST PRACTICES & HOW-TOS

Items you may need

- Power saw or fine-toothed hand saw
- Fine-toothed keyhole saw or power saber saw for curved and angled cuts
- Drill
- 1-5/8" galvanized screws
- Screwdriver
- Pliers
- Snap chalk line

Note: Check local ordinances and regulations before building your project. Before construction, contact your local utility companies to mark any underground cables and pipelines.

Installation tips and important information

- Always wear safety glasses and gloves.
- Lattice must be attached to a self-supporting structure or frame.
- If mounting to a wall, use anchors appropriate for the wall material.
- If suspending, attach suspension device to the frame rather than to the lattice.
- Do not install screen in a horizontal application. The lattice insert is not load-bearing, and without proper support, it may sag, ripple or retain heat. Do not use in roofing applications, as weight from debris such as leaves, snow, etc. can cause warping and damage.
- If a framed look is desired using unframed screens, finish edges using C-channel cap moulding.
- Connect multiple unframed screens using H-channel divider moulding and C-channel cap moulding.
- Recommended fasteners are hot-dip galvanized screws or other fasteners manufactured for treated wood as required by building code.

Step 1: Preparation

- Carefully measure your project dimensions, especially the width. Plan your supports and framing to fit the dimensions of your lattice screens.
- Double-check all screen measurements and project dimensions before beginning to make cuts.

- If you plan to use H-channel divider moulding and C-channel cap moulding, the overall width and height of each screen will increase. Be sure to allow for this when calculating. For C-channel cap moulding, figuring approximately 1" extra at each miter joint.
- Check the installation area for square by measuring the space diagonally in each direction. If the two measurements are the same, the area is square. If the area is not square, be prepared to make custom cuts to accommodate.

Step 2: If Cutting

Safety notes:

*To ensure clean, safe cuts, provide support to the screen along both sides using sawhorses or a worktable. Near the end of each cut, secure the screen **firmly**. It is recommended that a second person help hold the screen in place. All participants should wear safety glasses and gloves.*

- Check the direction of the lath on both sides of each screen. Plan for the lath on all front-facing sides to run in the same direction.
- To reduce splintering:
 - When using a sharp, fine-toothed hand saw or reciprocating saw, position the front-facing side of the panel **UP**.
 - When using a rotary saw, position the front-facing side of the panel **DOWN**.
- For the most accurate cuts, snap the lattice with a chalk line.
- A carbide-tipped saw blade should be used if cutting through staples. If not using a carbide-tipped blade, use a small screwdriver to carefully remove all staples in your cut line before sawing.
- When a curved or angled cut is desired, use a fine-toothed keyhole saw or power saber saw.

Step 3: If Framing

- Use a miter box and hand saw to ensure all corner cuts are precisely 45 degrees for a clean, tight joint.
- Drill small pilot holes near the edges of the lattice wherever screws are needed. This will ensure that neither the moulding nor the lattice split.
- Secure cap and divider mouldings to lattice with 1-5/8" hot-dip galvanized screws from both directions at each miter joint.

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