

3D Panel Installation Guide

Required Tools:

- Level
- Pencil
- Measuring Tape
- Saw (Circular, Miter, or Jigsaw)
- Pneumatic Nailer and 1-1.5" Finish Nails (or Drill, Screwdriver and Screws)
- Polyurethane Wood Glue

Preparation:

- Prior to installation, the wall panels must be acclimated for all high-humidity environments. Allow a minimum of 24-48 hours for panels to acclimate at the location where you are installing them. HVAC must be on with the temperature maintained between 60°-75°F with a relative humidity of 30-55% for at least 7 days prior to installation, as well as during and after installation. We do not recommend installing in bathrooms or any area with excessive moisture or cold temperatures (less than 60 degrees Fahrenheit).
- Turn off power to the installation area prior to working around electrical outlets or wall switches
- Remove all nails, accessories, moldings, light switches and electrical outlet covers from the wall where the product is going to be installed.
- Make sure that the surface of the wall is even, and any high spots are sanded down. $\frac{3}{8}$ " thick plywood can be installed over drywall if wall is in poor condition.
- Remove any loose paint or texture with a painter's knife.

Installation Instructions:

1. Install 3D panels from bottom to top, and left to right.
2. Find the level line in the center of the wall (never use floor or ceiling lines for installation).
3. To calculate the level line, use a level and a tape measure to determine the highest and lowest points of the wall. Calculate the difference between these points and add 8.25" (the width of the panel) to get the distance AA. From the highest point, add AA and mark it on the wall with an A. From the lowest point, add AA and mark it on the wall as point B. Draw a line connecting point A and point B to create your level line to install the first panel off of.

EXAMPLE:

Verification of the floor level with laser

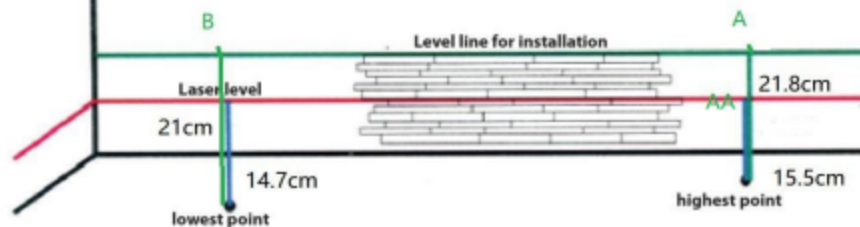
Highest point: 15.5cm

Lowest point: 14.7cm

Spacing: 0.8cm

Determination of the level line for installation

Spacing + 21cm = 21.8cm (AA)



4. If the floor is not level, then there will be a gap between the floor and the downside of the panel. In this case, you can either cut the bottom edge of the panel or use molding to cover the gap after the wall is installed.
5. Apply adhesive to the back of the panel in a rectangular shape with an “X” inside the rectangle and install the first panel along the reference line you already marked on the wall (You can also use nails or screws instead of glue. Start by nailing the lower left corner and continue to add nails at a 45 degree angle for the best hold)
6. Continue the row, moving left to right by adding additional planks to the end of the last one installed. Make sure to leave a 3/8” expansion gap between the top plank and the ceiling.
7. Continue installing rows until you reach the ceiling. You may need to cut the planks for the top row lengthwise using a jigsaw or table saw (make sure to leave a 3/8” expansion gap between the bottom row and the floor or baseboards).
8. Finish by installing underneath the first row of panels that you installed, until you reach the floor.