

Wall Planks Installation Instruction

Smart Paneling wall decor planks

WARNING:

Cutting, sanding or machining wood products produces wood dust. While wood products are not hazardous under OSHA Hazard Communication Standard (29CFR 1910.1200), the International Agency for Research on Cancer (IARC) and the State of California has classified wood dust as a human carcinogen.

EXPECT THE NATURAL VARIATION OF WOOD:

All our wall planks are designed to highlight the natural variation of wood on structure and in color. Each wood piece is different, but all together they create an ensure consistency of the final product visual. Sunlight or intense artificial lighting can cause slight color changes.

SURFACE REQUIREMENTS:

The surface must be clean, dry, and structurally sound. The surface must be flat to within 1/4" over 48"

FIREPLACES & HEATERS:

NOT recommended the use of wood wall paneling around an open "flame" places. The wall planks are made from wood which is flammable material.

BATHROOMS:

Wall planks may be used in bathrooms as long as they are NOT installed at high splash areas.

CEILING APPLICATIONS:

Ceiling applications are possible as soon as you're following the corresponding builder codes. The length of the planks is exactly matching to the size of Armstrong grid structure for suspended ceilings.

OUTDOOR APPLICATIONS:

Planks are made from thermo-treated wood, which is rated for outdoor applications. Thermo-treatment protects wood against decay for at least 25 years used outdoors. To save the natural color of thermo-treated wood in outdoor applications use any outdoor oil with UV-protection. Follow the direction of oil application provided by the oil manufacturers.

TRIMS:

Use trim of the same color range as wall planks for outlet trim, window trim, framing, corners, etc. We recommend square edge trim, or any commonly used trim profile made from wood, metal to plastic.

HOW MUCH DO YOU NEED?

In each box we supply four starter/end planks (two planks cut out to 16 in. and 8 in. pieces for random seams installation). The coverage area is 10 SF

for a box, or approx. 8 foot wide and 15 in. height (three rows) of 6 foot wide and 20 in. height (four rows), or 4 foot wide and 30 in. height (six rows). If you cover different shape areas calculate the total surface area of the wall and add 10% for cutting and waste.

WALL PREPARATION:

Installing planks over existing true walls requires no preliminary preparation. Sanding high spots on the wall is generally about all you have to do. Always check your building code. Thermo-treated wood is Class B fire rated and most panels are only allowed to be installed over a solid wall under most building codes.

INSTALLATION TYPES:

- Double sided sticking foam tape (included)
- Wood wall adhesive
- Finish nails (18 Gage 3/4 or 1 in. long)

TAPE INSTALLATION:

This is the most common and easy installation type. Use it if you have a solid flat wall surface (typically drywall). With this type of installation the planks will be easy removable if needed. Follow the steps below.

ADHESIVE INSTALLATION:

Adhesive may be used to apply planks directly to the walls as long as the surface is leveled, sound and clean. Once the plank is fitted, apply beads of adhesive with a caulking gun in a continuous strip along the top, bottom and both sides of the plank. Some supplemental nailing might be necessary to hold the strips in place until the adhesive sets. Be sure to read the adhesive manufacturer's instructions carefully prior to installation, since instructions may vary. Installation: lightly apply a construction adhesive and press the plank to the wall.

NAILING INSTALLATION:

Use this installation type for wood or brick walls, or if you install plans at the ceilings. Use finish nails of 18 Gage 3/4 or 1 in. long. This is also the type of removable installation. Installation: fasten planks through the wood. Use non-cracked areas to apply nails. Apply two nails per each side of the planks.

TOOLS AND SUPPLIES FOR INSTALLATION:

If you use included double sided foam tape you usually don't need any tools. Here is what you will need for other wall paneling installations ways: Tape measure, Level, Pencil, Power or table saw (5"+ cutting range) with short fine-toothed blade, Eye goggles (must be worn when using any power or hand tools).

Either one depending on the way of installation:

- Finish nail gun and nail set (18 Gage 3/4 or 1 in. long)
- Adhesive and caulking gun (if adhesive installation type is used)
- Double sided sticking foam tape (included)

PLANKS MEASUREMENTS:

Thickness: 1/4 in. Width: 4-15/16 in. Length: 23.75 in.

CARE AND MAINTENANCE:

It is recommended to use a vacuum to clean wood panels if needed.

Wood is a natural organic material, which might be fading under direct sunlight and any bright light. To protect natural wood against color degradation for outdoor applications, use standard wood oil or lacker with UV protection. Spray it to the surface. Wood will appear darker when it oiled.

Installation Steps with included tape

Steps	Drawing
1. Select installation orientation: horizontal or vertical.	
2. Using a level, draw a line for installing the starter plank. Peel and stick one piece of the tape to the back of the <i>Starter Plank</i> and two other pieces to the other end of the plank as shown at the picture. Apply the starter plank to the wall. For the <i>Next Plank</i> apply two pieces of the tape as shown and apply the next plank to cover the tape of the <i>Starter Plank</i> . Press the planks to the wall and continue with the next plank. When you come to the <i>End Plank</i> in this row apply one piece of the tape just to the end as shown. Use pre-cut starter/end planks as the <i>Starter Plank</i> or the <i>End Plank</i> to break the seam lines as needed. See the whole picture of planks and the mounting tape pieces configuration below.	

