

# EVOLUTION WALLS



[www.evolution-walls.com](http://www.evolution-walls.com)

## EVOLUTION-WALLS PLANK INSTALLATION INSTRUCTIONS

### OAKWALLS AND HEMPWOOD Planks:

Required tools: Ryobi pin nailer, adhesive, trowel & blade, J-roller, 4" level, pencil, saw.

1. Inspect planks thoroughly prior to installation. If boards are not acceptable, do not install. In order to insure proper adhesion and to avoid future movement such as gapping between boards and cracking on the face of the shiplap, permanent HVAC must be on and maintained between 60 -75 degrees F. with a relative humidity between 30-55% for a minimum of 14 days prior to installation as well as during and after installation.
2. To accommodate for any humidity, allow ¼" expansion space for every 10' of wall on all sides. It is NOT recommended to install wood planks in high moisture areas such as bathrooms, kitchens, etc.
3. Planks must be installed on plywood grade A plywood sheeting, minimum ¼" thick, or ¼" thick MDF board. The plywood must be clean, dry and free of any dust, dirt, oils, grime, etc. The plywood can be adhered to its substrate by various methods using glue, screws, nails, etc.
4. Work from several open boxes and 'dry lay' before permanently installing so as to create your desired look. This step is critical with the multi-color boards in each carton.
5. For walls that have outside corners, a trim piece may need to be purchased separately to create a finished look.
6. With the use of a pencil and a 4" level, establish a starting line near the bottom of the wall. Make sure your first line is exactly straight and where you want it to be.
7. Using an adhesive trowel size, 1/16" x 1/16" x 3/32" U-notch and the Bona R851 adhesive ( 600 sqft spread/3 G bucket) trowel on the area of the wall getting the planks. Only trowel on as much adhesive as you intend to install within the open time of the adhesive, so as to avoid it setting up too much and not allowing wet transfer on to the back of the planks. This is a WET SET install method.
8. Line up the planks on the starting line, with the bottom lip on the top and press into the adhesive. Use the pin nailer to secure the lip and hold the plank into place. Repeat for all other planks.
9. Starting on the left hand side of the wall and using the starting line as a guide. Confirm all planks of the starter row are in proper place prior to continuing. Continue the next rows with staggering the end joints so that joints do not match up. Pay close attention to switch plates and outlets and cut accordingly to allow proper use. The pieces can be cut with a miter saw, handsaw. Light sanding of the edges might be needed to make it visually appealing. Top and bottom rows might need to be 'ripped' lengthwise thru a table saw or using a jigsaw.
10. **To help set the adhesive, it is critical that the entire wall get completely rolled using a J-roller while the adhesive is still wet.** These can be purchased thru Evolution-walls.
11. Do NOT hang wall décor or pictures from the planks alone, but make sure to secure through the entire plywood or HDF backing substrate.