

Technical Tip

Installation of Floating Laminate Wood Flooring over AdvanTech® Flooring

Floating laminate wood flooring is a low cost alternative to hardwood or engineered wood flooring with more longevity and higher durability. Laminate flooring is placed over a manufacturer approved underlayment and allowed to float over the wood subfloor. AdvanTech® flooring is an excellent substrate for floating laminate wood flooring. The following steps outline the construction sequence for floating laminate wood flooring installation over AdvanTech flooring.

Step 1: AdvanTech flooring installation

- The maximum joist spacing for 23/32" AdvanTech flooring is 24" o.c.
- Install panels with long dimension perpendicular to supports.
- Apply a continuous 1/4" bead of construction adhesive to joists. Apply a small amount of adhesive to groove prior to matching tongue of adjacent panel. Use only polyurethane or solvent-based adhesives which conform to industry standard AFG-01 or ASTM D 3498.
- Use #8 wood screws or 8d ring shank or screw shank nails for 23/32" thick panels. Use 10d ring shank or screw shank for thicker panels. Space fasteners no greater than 6" o.c. at supported ends and no greater than 12" o.c. at intermediate supports.
- Provide 1/8" expansion gap at 4-foot ends. T&G joint is self-spacing.



FORCING T&G EDGES TO FIT TIGHTLY TOGETHER CAN DAMAGE THE PANELS AND VOID THE WARRANTY. T&G EDGES ARE DESIGNED TO FIT TOGETHER EASILY WHILE PROVIDING THE INDUSTRY STANDARD 1/8" GAP BETWEEN PANELS.



Correct installation of Advantech T&G Edge

Step 2: Floating laminate wood flooring and AdvanTech flooring acclimation

- Although AdvanTech flooring does not need to be sanded due to edge swell, some sanding may be required to ensure levelness of the floor system.
- When AdvanTech flooring is installed over a crawlspace, use a minimum 6 mil polyethylene sheeting placed over the ground and adequate ventilation should be used to help control moisture. Other code-recognized methods of controlling crawlspace moisture are acceptable.
- Ideally the inside of a home should be HVAC controlled to help with acclimation of the wood products at the time of floating laminate wood flooring installation.
- The moisture content of AdvanTech flooring and floating laminate wood flooring should be less than 12% before installing floating laminate wood flooring.
- Following the above recommendations will help reduce the chances of buckling, cupping and gapping of the floating laminate wood flooring.

Step 3: Floating laminate wood flooring installation

- Make sure the AdvanTech flooring is dry, clean and free of dirt, dust and oily film prior to installing floating laminate wood flooring.
- Ensure AdvanTech flooring is securely fastened to the joist system below.
- When installing a floating laminate wood floor system, use a cork or foam underlayment between AdvanTech flooring and the laminate wood floor.
- Install floating laminate wood flooring in accordance with manufacturer's installation instructions.

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