

Technical Tip

Installation of Vinyl, VCT, and Commercial Carpeting over AdvanTech® Flooring with Underlayment

AdvanTech flooring is an excellent substrate for a variety of floor coverings including vinyl, vinyl composite tiles (VCT) and commercial carpeting. The following steps outline the construction sequence for finish flooring installation over AdvanTech flooring. Commercial carpeting is defined as direct glue down application of commercial carpeting over the subfloor with no carpet pad.

Step 1: AdvanTech Panel Installation

- Install panels with long dimension perpendicular to supports.
- Apply a continuous ¼" 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 adhesive which conform to industry standard AFG-01.
- Use #9 wood screws or 8d ring shank, screw shank or common nails for 23/32" thick panels. Use 10d ring shank, screw shank or common nails 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.
- Ensure panels are dry, clean and free of dirt, dust and oily film prior to underlayment installation.

Step 2: Underlayment Installation

- 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.
- The ¼" plywood underlayment can be attached to AdvanTech flooring with 3d ring shank nails every 3" on the edges and 6" each way in the field.
- If provided always follow the plywood underlayment and finished flooring installation recommendations for the underlayment.

Step 3: Finished Flooring Installation

- Make sure plywood underlayment is dry, clean and free of dirt, dust and oily film prior to finished flooring installation
- Roll/lay out finished flooring flat in the room to relax and acclimate to room conditions.
- Apply adhesive with appropriate trowel size to the plywood underlayment in accordance with manufacturer's installation instructions.
- Lay finished flooring products in accordance with manufacturer's installation instructions
- Apply pressure to the finished floor covering with appropriate pressure roll and weight in accordance with manufacturer's installation instructions.

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