

## Technical Tip

### Installation of Vinyl/VCT/LVP or Commercial Carpet over AdvanTech® Flooring

AdvanTech flooring is an excellent substrate for a variety of floor coverings including vinyl, vinyl composite tiles (VCT), luxury vinyl plank (LVP), and commercial carpet. The following steps outline the construction sequence for the installation of vinyl products and commercial carpet over AdvanTech flooring.

#### **Step 1: AdvanTech Panel Installation**

- Joists spaced a maximum 24" o.c.
- Minimum panel thickness is 23/32".
- 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 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 of AdvanTech flooring to ensure levelness of the floor system.
- Install the 1/4" plywood underlayment over AdvanTech flooring in accordance with the vinyl/VCT/LVP or commercial carpet manufacturer's recommendations.

#### **Step 3: Vinyl/VCT/Commercial Carpet Installation**

- Make sure plywood underlayment is dry, clean and free of dirt, dust and oily film prior to vinyl/VCT/ LVP or carpet installation
- Roll/lay out vinyl/VCT/LVP or commercial carpet 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 vinyl, VCT or LVP product or roll commercial carpet in accordance with manufacturer's installation instructions
- Apply pressure to the vinyl/VCT/ LVP/commercial carpet with appropriate pressure roll and weight in accordance with manufacturer's installation instructions.

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