Applying Coatings, Paint, and Finished over AdvanTech® Subflooring and AdvanTech X-Factor® Subflooring

Occasionally, builders will coat subfloor panels to ease in cleanup and offer some amount of protection during construction. The surface of AdvanTech flooring is an excellent substrate for a variety of coatings including oil-based primer/paint combination, polyurethanes, and epoxy coatings. AdvanTech panels are marked with an Exposure 1 rating and are intended for protected applications. AdvanTech flooring is not intended for permanent exposure to the weather and the coatings discussed here will not offer sufficient protection from permanent exposure. The following steps outline the construction sequence for AdvanTech flooring. **Do not use water sealers with the AdvanTech product line as this may void the limited lifetime warranty.**

AdvanTech Flooring Installation and Coating Application

- Joists spaced a maximum 24" o.c.
- Minimum panel thickness is 23/32".
- 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 adhesives which conform to industry standard AFG-01.
- Use #9 wood screws or 8d screw shank, ring 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. The fastener should penetrate the framing member at least 1".
- 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 paint, polyurethane or epoxy coating application.
- Apply your oil based primer/paint, polyurethane or epoxy coating directly to the panels following the manufacturer's recommendations for application.
- Be careful in choosing a coating for the panels because it may interfere with finish floor covering installation and performance.

Types of Coatings to be used

- Any oil based primer and either an oil based or an acrylic latex topcoat.
- Any oil based varnish, stain or polyurethane coating.
- 2 part epoxy or garage floor epoxy
- Bedliner Coatings and similar – i.e. Line-X, Rhino, etc.