

AdvanTech® Installation Recommendations:

Storage

Ship panels under tarp.

Set bundles on supports to keep off the ground.

When storing outdoors, cover panels loosely with waterproof protective material.

Anchor covers on the top of the stack, but keep away from sides and bottom to assure good air circulation. When high moisture exists, cut banding on the stack to prevent edge damage. When handling, avoid dropping panels on corners or edges. When using a forklift, put the stack on a pallet or supports to minimize damage from forks.

Panel Installation

Install panels over two or more spans with the long dimension perpendicular to the floor framing.

Install panels with the certification stamp facing down for ease of viewing by local building officials.

Panel Spacing

Tongue & groove panels are designed to self space on T&G edges.

Space 4' panel ends a minimum of 1/8" at time of installation.

End joints of adjacent panel runs should be staggered.

Square edge panels should be installed with a minimum spacing of 1/8" on all panel edges at time of installation.

Fastening

Gluing helps eliminate nail-popping and floor squeaks. Use only polyurethane or solvent-based adhesives, which conforms to industry standards AFG-01 and follow manufacturers' recommendations.

For optimal floor stiffness, polyurethane glue and screws should be used at installation.

Before each panel is placed, a line of polyurethane or solvent-based adhesive should be applied to the clean, dry joist. A 1/4" bead of adhesive is recommended.

Apply only enough adhesive to lay one or two panels at a time.

Glue the T&G joint at installation with a small amount of construction adhesive to minimize squeeze-out.

Fully secure panel with fasteners immediately after placing adhesive on joists.

Fasteners should penetrate framing members at least 1".

Apply fasteners 3/8" from panel edges.

Space fasteners 6" o.c. on supported edges (4' ends) and 12" o.c. at intermediate support locations. Ensure that all corners are securely fastened. Note: 1-1/8" panels spaced 48" o.c. should be fastened 6" o.c. at intermediate support locations.

Use 8d ring shank nails or screw shank nails for panels 3/4" thick or less, and 10d ring shank nails or screw shank nails for thicker panels. 7/16" crown chisel point staples approved, but not recommended.

Cutouts

Cutouts for plumbing and electrical components should be oversized by at least 1/4" to avoid a forced fit.

Fire Rating

AdvanTech and Huber Blue™ flooring panels are recognized as having a Class C (III) flame spread rating without need for test or label by HUD/FHA Manual of Acceptance Practices, Section 405-8 to the Minimum Property Standards.

Floor Coverings

Carpet and pad: May be installed directly over AdvanTech and Huber Blue flooring panels.

Vinyl: A minimum 1/4" plywood underlayment is recommended. Follow vinyl flooring manufacturer instructions.

Hardwood floors: May be applied directly over 23/32" AdvanTech flooring panels. For Huber Blue flooring, the National Wood Flooring Association (NWFA) and the National Oak Flooring Manufacturers Association (NOFMA) recognize the use of 23/32" OSB subfloor under hardwood flooring. For installation of the hardwood flooring follow the recommendations of the manufacturer.

Ceramic tile: Underlayment is required per ANSI Standard A-108 with noted exception of 1-1/4" cement mortar application method.

Lightweight concrete: May be applied over AdvanTech and Huber Blue flooring following lightweight concrete manufacturer's instructions.

Radiant Heating

AdvanTech and Huber Blue flooring products may be used with building code approved radiant heating systems provided these systems are properly installed and maintained.

Product Service Conditions

It is recommended that adequate ventilation or conditioning be provided (per applicable building code) and that ground cover vapor barriers be used in crawlspace applications.

Panels should be acclimated to service moisture conditions before applying necessary finish flooring. Water sealers may not be used with AdvanTech and Huber Blue flooring products and will void the product warranty.