

INSTALLATION INSTRUCTIONS: GLUE IT & SCREW IT



STEP ONE: CONGRATULATE YOURSELF

You've chosen the Flat Out Best for a quiet, stiff floor. Its outstanding moisture resistance, strength and quality make AdvanTech the superior panel for achieving a highly satisfying finished floor experience. Visit advantechperforms.com to learn more.

STEP TWO: SAFETY

Make sure the floor framing system is properly fastened to the supporting walls, beams, girders or other supports and is properly braced against rollover during floor panel installation. See joist manufacturer installation instructions for additional information.

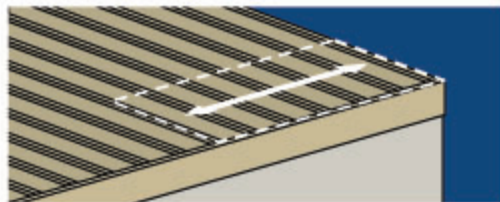
STEP THREE: SAFE LIFTING

Huber Engineered Woods recommends using the buddy system to lift and carry AdvanTech panels to the installation site.

- Secure your footing
- Bend your knees
- Keeping your head up and back straight push up with your legs to lift the panel
- Breathe steadily
- Lower the load together by bending the knees to lower the load to the floor

STEP FOUR: GLUE IT

ALWAYS use polyurethane or solvent-based subfloor adhesives that conform to industry standard APA, AFG-01 or ASTM D 3498, and follow manufacturer's recommendations when installing AdvanTech. Recommended adhesives structurally bond the panel to the joist for a stronger, stiffer installation than panels installed with fasteners alone.



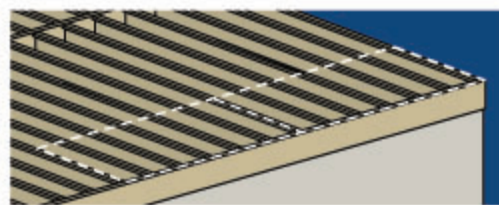
Plan the installation starting at one corner of the floor framing. Panels should span two or more joists with the long dimension perpendicular to the floor framing.



Apply a 1/4 in. bead of adhesive to the top of the joists. The adhesive fills minor framing irregularities and provides a tight, even bond that helps prevent squeaks.



Apply two lines of adhesive to joists where panel ends meet.



Apply only enough adhesive to lay one or two panels at a time to keep the adhesive from curing or skinning.

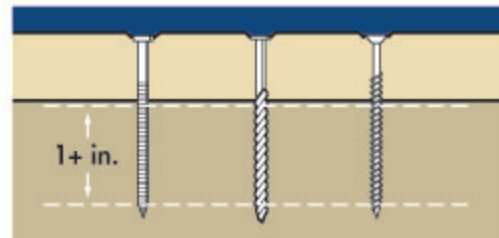
If a "skin" forms on the glue, remove it and reapply to avoid warranty problems and costly callbacks.

Do not install floor panels at temperatures below 20 degrees or above 100 degrees. Adhesive performance could be affected outside of these ranges causing squeaks or other problems. Adhesive should come to room temperature before use. Store adhesives as directed.



Immediately after applying the adhesive, lower the first panel into place, making sure the panel is square on the joists and that the certification stamps face down for easy viewing by local building officials.

STEP FIVE: SCREW IT



Code-approved fasteners must penetrate framing members at least 1 in.

- For panels up to 3/4 in. thick, use 8d ring shank nails, screw shank nails or #8 wood screws
- For panels greater than 3/4 in. thick, use 10d ring shank nails, screw shank nails or #9 wood screws



Install fasteners:

- Starting at one corner
- Working your way to the remaining edges
- With a maximum edge distance of 3/8 in. to 1/2 in.



- A minimum of 6 in. o.c. on supported edges (4 ft. ends)
- A minimum of 12 in. o.c. at intermediate support locations

Use AdvanTech pre-printed fastener guides for attachment to joists spaced at 16 in. o.c., 19.2 in. o.c. and 24 in. o.c.

For 1 1/8 in. panels with joists spaced greater than 24 in. o.c., space fasteners at 6 in. o.c. at edges and intermediate locations.

A fastening guide is printed on all AdvanTech panels to help make proper installation easier.



INSTALLATION INSTRUCTIONS CONTINUED



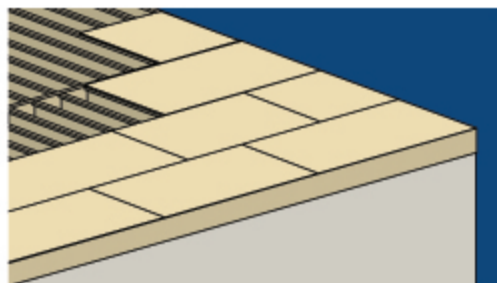
STEP SIX: JOINING & SPACING



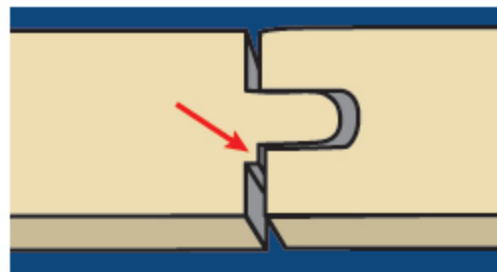
Run an 1/8 in. bead of adhesive in the groove. Using too much will cause squeeze-out.



For the next panel and all additional panels, space 4 ft. panel ends and other cut edges with a recommended 1/8 in. gap — 8d nails make good spacers.

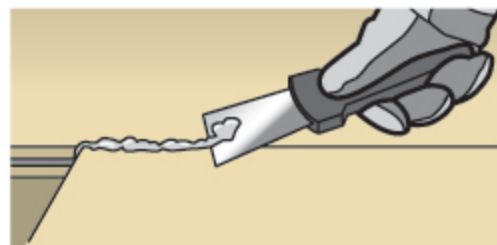


Stagger end joints of adjacent panel runs.



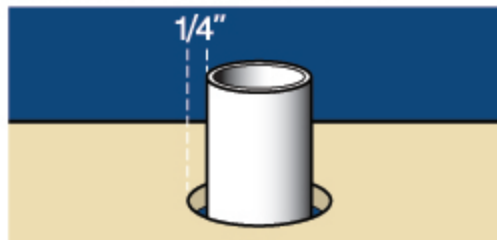
Tongue and groove edges are designed to self-space.

Snug the T&G edges together using wood blocks and a framing hammer. Avoid excessive force which can damage the tongues. (Cracked tongues can lead to edge swell and costly sanding.)



Scrape up "squeeze-out" immediately. Doing this will save you costly dried glue clean-up and possible delays for your finished floor installer who needs a smooth surface.

STEP SEVEN: HOLES & CLEARANCES



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

PRODUCT SERVICE CONDITIONS: It is recommended that adequate ventilation be provided (per applicable building code) and that ground cover vapor barriers be used in vented crawlspace applications. In addition, panels should be acclimated to moisture conditions before applying necessary finish flooring.

FINISHED FLOOR INSTALLATION

NOTE: Because of the built-in water resistance of AdvanTech, do not use water seals and water repellent coatings typically applied to other subfloor products. AdvanTech panels must be dry and clean prior to finished floor installation.



AdvanTech helps save time and money during the construction phase by minimizing or eliminating rework.

Residential carpet and pad: May be installed directly over AdvanTech flooring panels, saving materials and labor costs. Follow finished floor manufacturer instructions.

Commercial carpet/VCT: A minimum 1/4 in. underlayment is required. Follow finished floor manufacturer instructions.

Vinyl: A minimum 1/4 in. underlayment is recommended. Thanks to the smooth surface of AdvanTech, no panel ridging or telegraphing occurs. Follow finished floor manufacturer instructions.

Hardwood floors: Apply 15# or 30# asphalt felt paper between hardwoods and AdvanTech. Install hardwood flooring perpendicular to the joist system and follow the recommendations of the finished flooring manufacturer. Properly installed, AdvanTech eliminates the need for the hours of sanding and prep typically required for hardwood floor installations.

Ceramic tile: Underlayment is required per ANSI Standard A-108 with noted exception of

1 1/4 in. cement mortar application method. For best results, Huber Engineered Woods recommends installing tile and underlayment in accordance with an approved method published by the Tile Council of North America.

Gypsum concrete underlayment: May be applied over AdvanTech flooring panels following gypsum concrete underlayment manufacturer's instructions. AdvanTech density and smooth surface can help reduce the risk of cracking caused by poor quality subfloors. Subfloors with swollen edges can create weak "thin" spots in gypsum concrete underlayment.

Radiant heating: AdvanTech flooring products may be used with building code approved radiant heating systems provided these systems are properly installed and maintained per manufacturer's recommendations.

Please contact Huber Engineered Woods for applications not listed above.

**300 DAY
NO SANDING
GUARANTEE***

Payable up to twice the reasonable cost of sanding!



Complete warranty details can be found at AdvanTechPerforms.com

AdvanTech is the Flat Out Best™ for a Quiet, Stiff Floor with the best strength, stiffness and fastener holding power for firm, flat quiet floors, no matter what the installation.

