

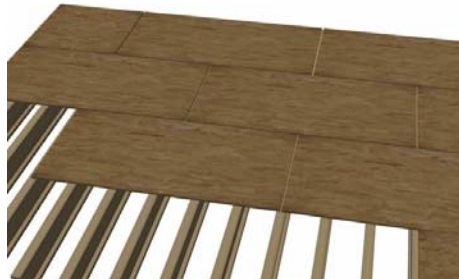
Technical Tip

Lightweight Concrete over AdvanTech® Flooring

AdvanTech is an excellent substrate for lightweight concrete. The following steps outline the construction sequence for the AdvanTech flooring.

Step 1: AdvanTech Panel Installation

- Joists spaced a maximum 16" 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 screws or 8d ring shank nails for 23/32" thick panels. Use 10d ring shank 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 lightweight concrete installation.



Step 2: Lightweight Concrete Installation

- Sand any areas of the Advantech that maybe uneven to ensure levelness. Vacuum all dust and debris. A commercial drum sander can be used to sand larger areas.
- Apply appropriate sealers or primers to the Advantech according to the manufacturer's recommendations for adhesion purposes.
- Apply lightweight concrete to the surface of the Advantech in accordance with the manufacturer's recommendations.

For more information on industrial carpeting and other floor coverings installed over AdvanTech, contact Huber Engineered Woods Technical Division at 800-933-9220.