NAILED OVER JOIST & SHEATHING

Under wood floors, Seekure serves as a Class III moisture and vapor retarder. It serves to reduce or prevent damage by moisture migration from below the floor system – allowing the wood flooring to acclimate gradually. As a semi-permeable material, Seekure is not likely to trap moisture on top of or within the sub-floor – as a poly-coated paper or poly film would.

This application guide provides examples of typical wood flooring installations using Seekure. The descriptions are brief and do not cover all circumstances that the installer may encounter during installation. It is the responsibility of the installer to read and follow NWFA Guidelines, local building codes and the flooring manufacturer’s complete instructions for proper installation of their flooring. Seekure may be used in applications over a wood or concrete sub-floor.

JOBSITE CONDITIONS
• Building must be completely enclosed.
• Site drainage directs water away from the foundation.
• All other interior work should be completed.
• Interior environmental conditions must be at occupied levels.
• Basements and crawl spaces must be dry.
• Test flooring and sub-floor for moisture content.
• Acclimate flooring per manufacturer’s recommendation.

SUB-FLOOR PREPARATION
• All surface debris and protrusions must be removed.
• Check sub-floor for squeaks and repair.
• Sweep and vacuum prior to filling or repairing voids.
• Fill voids and level high spots, sweep again.

CONTINUED ON BACK...
CONCRETE SUB-FLOORS – FLOATED & NAILED
For on-grade slabs, the following conditions must be met:
- An underslab vapor retarder has been properly installed, such as Fortifiber’s Moistop Ultra family of products.
- The slab is thoroughly dry before installation of wood flooring. Generally, slabs must be 60 days old. Test for moisture, following flooring manufacturer’s recommendations.
- To be certain normal slab moisture does not reach the wood flooring, install a vapor retarder with a perm rating of ≤0.04 – such as Fortifiber’s Moistop Ultra – over the slab.

Then follow wood floor manufacturer’s or NWFA’s recommendation for placement of plywood. Cut and install Seekure over plywood as instructed on previous page.

CONCRETE SUB-FLOORS – SCREED SYSTEM
Install flat, dry, preservative treated 2x4s, cut 18-24” long, laid flat at right angles to finished floor, spaced 12” o.c. and embed in adhesive. Then lay a vapor retarder with a perm rating of ≤0.04 over screeds, or use FortiFlash® 40 for Floors under screeds. Install plywood and cover with Seekure as above.

FLOATED / NAILED PLYWOOD OVER CONCRETE WITH/WITHOUT RADIANT HEAT*

SCREED SYSTEM OVER CONCRETE

*RADIANT HEAT
There are various methods of installing radiant heat with wood or concrete sub-floors. These are only a sampling of illustrations.

Follow all installation requirements of radiant heat and flooring manufacturer. When installing flooring over a radiant heat system, be sure fasteners do not penetrate or puncture the radiant heat system. Surface temperature of substrate is limited to ≤85°F.

NAILED OVER JOIST & SHEATHING WITH RADIANT HEAT

** See FortiFlash® 40 for Floors installation guide or warranty for details.