

## RUBBER TILE FLOOR: Installation Guide

- Flooring materials and adhesive must be acclimatized to the installation area for a minimum of 24 hours prior to the installation.
- The sub-floor should be level within 3/16" in 10' or 1/8" in 6'. Concrete must be dry with moisture emission rates that do not exceed 3 lbs/1000 sq ft/24 hrs as measured by the Anhydrous Calcium Chloride Test (ASTM-F-1869-98). Concrete surface pH must not exceed 9. Before moisture testing begins, the slab must be cured for a minimum of 30 days. Fill low areas with a cementitious leveling compound or latex milk additive latex patch with minimum 3,000-psi compressive strength. Leveling compounds must be tested to ensure they are properly cured and within the manufacturer's specified requirements before proceeding with the installation. Mechanical surface profiling is the preferred sub-floor preparation method. Mechanically profile the sub-floor to medium-grit sandpaper texture. Sanding or scouring with open paper or a titanium disk is preferred. Remove curing and parting compounds and other surface hardeners and floor coatings according to the manufacturer's instructions. Lightweight or acoustical concrete, less than 3,000 psi, must be primed with a compatible primer.
- The area to receive flooring should be fully enclosed, weather tight, with the permanent HVAC system set and maintained at a minimum temperature of 65° F for 48 hours prior to, during and after installation.
- FreiFloor 1 is recommended for porous and non-porous applications. Note: It is the responsibility of the user to determine whether or not the sub-floor to be covered is porous. To determine if a sub-floor is porous, place two droplets of water in various areas. If the sub-floor is porous, the water will be absorbed within a few seconds.
- Use a 1/32" x 1/16" x 1/32" U notch trowel for materials equal to or less than 0.80 gauge or 2mm.

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- Use a 1/16" x 1/16" x 1/16" square notch trowel for materials thicker than 0.80 gauge or 2mm.  
Replace worn trowels. (DO NOT RE-NOTCH) to ensure proper spread rate.
- For porous applications, once troweled the adhesive should be allowed to remain open (flash-off) for approximately 10-15 minutes before placement of the flooring material.
- Once placed the material should be rolled immediately utilizing a 100-pound three-section roller.
- For Non-porous applications, the adhesive must be allowed to dry to the touch, so that there is little or no transfer of adhesive to the finger.
- Once the adhesive dries to the touch, it is ready to accept flooring material.
- From the time the adhesive is allowed to dry to the touch, to the time it must be covered is approximately 30-40 minutes depending on temperature and humidity.
- Roll immediately after the flooring material has been placed into the adhesive with a 3 part 100 lb roller
- Install tile with stars on front of tile facing in the same direction. Failure to do so is an installation failure not a product failure.
- If the adhesive is allowed to remain uncovered, after initially drying to the touch, for periods longer than the recommended time, a loss in adhesion strength will result. Care must be taken by the installer not to spread more adhesive than can be worked appropriately within the recommended time frame.

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- Follow Allstate's installation instructions, and recommendations as to seaming and sealing.
- Prevent all traffic for a minimum of 24 hours and heavy traffic and rolling loads for 72 hours.
- Do not wash or clean the floor for a minimum of 3-5 days after installation is completed to allow adhesive to properly bond & cure.
- Do not install over oriented strand board (OSB), particleboard, masonite, lauan or similar unstable substrates.  
NOT RECOMMENDED (N/R) ON SUBFLOORS SUCH AS, BUT NOT LIMITED TO, WAFER, FLAKE, CHIP, PARTICULE OR SIMILAR BOARDS; SOFT WOOD, PLYWOOD OTHER THAN CONSTRUCTION GRADE.