



Allstate 1 Part Rubber Tile Adhesive

Description: a one part adhesive for the installation of commercial resilient floor covering Allstate RT Premium Rubber Tile Adhesive is formulated with a patented Tri-Polymer system, patent no. 5,721,302, to provide a strong, permanent, water resistant bond over wood, concrete and other commonly found substrates. Use as alternative to epoxy adhesives for rubber tile for light trafficked installations.

Allstate RT is nonflammable, contains no carcinogens, no solvents and is non-toxic. This adhesive is moisture and alkali resistant and forms a tenacious, permanent bond. Allstate RT has excellent plasticizer migration resistance. Allstate RT is freeze-thaw stable.

Prior to the start of the installation the user must determine that the job-site conditions meet or exceed all applicable industry standards as set by the Carpet and Rug Institute (CRI), the Resilient Floor Covering Institute (RFCI), and Stoler Industries' written recommendations. Installation of resilient flooring should be one of the last jobs of any project. Stoler Industries requires that the appropriate moisture testing is done for all sub-floors regardless of the grade level or age of the structure.

Site Conditions:

The building should be completely enclosed. All outside doors and windows should be properly installed with latching mechanisms in place.

Landscaping should be sufficiently completed to direct water away from the building. Gutters and downspouts should be in place.

All concrete, masonry, plastering, drywall and other wet work should be completed and thoroughly dry prior to beginning the installation. Texturing and paint primer coats should be completed. Where possible the installation of the base molding should not take place until after the flooring has been installed.

Adequate ventilation should be available. The HVAC system for the building should be operational. The flooring should not be exposed to extremes of temperature, humidity or moisture. The installation site should have a consistent temperature of 65E-75E F (air and sub-floor) and humidity levels should be between 35-55% for a minimum of 72 hours prior to and following the installation.

Basements and crawl spaces should be dry and adequately ventilated. Sub-floors must be checked for moisture content and emissions using industry accepted methods. Crawl spaces should meet local building codes regarding minimum heights, cross ventilation and the use of vapor retarders.

Sub-floors must be free from dust, dirt, grease, wax, curing agents, sealers, oil and any other bond inhibiting substances. 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.

For Wood Joist Systems the sub-floor should be structurally sound, free of loose panels or boards, and free of protruding fasteners. Moisture content should be within normal industry standards for the areas average environmental conditions. Underlayment panels should be fastened according to the manufacturer's specifications. All panel seams should be sanded level and prepared according to the manufacturer's instructions. Minimum sub-flooring: 5/8" CDX plywood sub-floor/underlayment (Exposure 1), maximum 16" o.c. construction. Install the flooring perpendicular to the floor joists. Do not install flooring over existing glue-down wood flooring or nailed down wood flooring that is wider than 3 1/4". Wide plank floors must be covered with an acceptable underlayment.

Installation Recommendations:

All Flooring MUST be dry laid/fit and inspected before installation. Do not install any tile w/obvious visual defects. This will void any and all warranties. If in doubt stop job and call local Allstate rep.

- 1.1. Flooring and adhesive should be acclimated to the job site conditions for 24 hours prior to the installation.
- 2.2. Be familiar with the recommendations and instructions from ALLSTATE before beginning the installation. Follow ALLSTATE's specific recommendations regarding seam sealing.
- 3.3. Refer to the information above for specific information regarding sub-floor preparation and site conditions.
- 4.4. Spread the adhesive with the appropriate trowel. (See below)
- 5.5. For use with rubber and molded vinyl tile, MVT, over porous sub-floors* spread the adhesive and allow the adhesive to develop tack. (25-60 minutes) DO NOT allow the adhesive to "skin over" or dry.
- 6.6. Place the flooring into the adhesive while the adhesive is still wet enough to transfer to the back of the flooring. Roll the newly installed flooring with the appropriate roller.¹ Check the back of the flooring frequently to ensure that adhesive transfer has been successful.
- 7.7. For installing specified flooring products over non-porous sub-floors spread the adhesive with the appropriate trowel. (See Below) Allow the adhesive maximum tack time, (45-80 minutes) without allowing the adhesive to dry or "skin over". Place the flooring into the adhesive while the adhesive is still wet enough to transfer to the back of the flooring. Rolling should take place immediately after the flooring is placed into the adhesive.¹ Check the back of the flooring frequently to ensure that adhesive transfer has been successful.
- 8.8. It is recommended to minimize traffic over the newly installed flooring for at least 24 hours after the installation has been completed. Do not wash or clean the floor for 72 hours after completion of the installation. To replace furniture and appliances use plywood panels to protect the flooring. Do not allow rolling traffic for 7 days.

Specific Product and Usage Data:

A.	Curing Rate:	FIRM SET	4-6 hours	LIGHT FOOT TRAFFIC	24
			hours		
				NORMAL FOOT TRAFFIC	24 hours

Cure Rate is dependent on temperature and humidity. Times are based on 75EF and 50% relative humidity. Higher temperatures and lower relative humidity will shorten the time. Lower temperatures and higher relative humidity lengthen the time required before trafficking.

- A.B. Typical trowels and approximate coverages: (depth x width x spacing)
 Porous sub-floors: 1/16" x 1/16" x 1/16" £ notch; 150-175 sq. ft./gallon;
 Non-Porous sub-floors*: 1/32" x 1/16" x 1/32" c notch; 200-225 sq. ft./gallon
- B.C. Shelf Life: One year from date of manufacture when stored in the original unopened container at 75F and 50% relative humidity. Protect unopened containers from heat and direct sunshine. In cool weather, store containers at room temperature for at least 24 hours before using.
- C.D. Freeze-Thaw Stable to 15F. Stability and spreadability can be effected if allowed to freeze. Frozen material should be allowed to thaw at room temperature. DO NOT agitate or stir while frozen.

FOR BEST PERFORMANCE:

- ! Wear gloves during application. If adhesive gets on skin, immediately remove it with a damp cloth.
- !! DO NOT apply on frozen surfaces or standing water.
- !! Avoid contact with water and alcohol before use and complete cure.
- !! DO NOT use in areas subject to hydrostatic head pressure.
- !! DO NOT use on wet, contaminated or friable substrates.
- !! The maximum acceptable floor variation is 1/8" in ten feet.

PRECAUTIONS

Avoid contact with eyes, skin and clothing. Use adequate ventilation. Wear protective clothing during handling. Wash thoroughly after handling. May cause allergic reaction. May cause eye, skin and respiratory tract irritation.

*Determining whether the sub-floor is porous or non-porous is the responsibility of the user. You can check the sub-floor by placing two drops of water in several areas across the sub-floor. The sub-floor is porous if the water is absorbed within a few seconds. If the water beads and is not absorbed within a few seconds the sub-floor is non-porous.

WARRANTY:

Complete warranty information can be obtained by calling 1(706) 277-1000 and requesting a copy of the ALLSTATE warranty. Warranty is also available @ www.allstaterubber.com