

## 5000 CARPET TILE ADHESIVE

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### DESCRIPTION

5000 Carpet Tile adhesive is a premium acrylic based pressure sensitive adhesive designed for Shaw commercial carpet tile carpet.

### APPROVED SUBSTRATES

- For interior use only.
- Wood Association approved wood underlayment and subflooring. See [Wood Substrate Information](#).
- Sound and properly prepared concrete (on, above or below grade), metal, wood fiberglass and terrazzo.
- Existing resilient products should be over 1 year old, secure and fully adhered with a full spread of adhesive. Remove all waxes and polishes from the existing floor before installation.

### SUBSTRATE TESTING

- RH 97% (ASTM F-2170), provided the site is absent of hydrostatic pressure.
- CaCl / MVER 15 lbs (ASTM F-1869)
- pH 5-11

RH testing is the qualifying standard.

For older slabs or slabs with a prior history of moisture related issues, Shaw Technical Support recommends moisture mitigation in the form of a 2-part epoxy system, such as MoistureTEK.

For newer slabs with an intact moisture retarder, initial moisture levels should recede over time. For recorded levels above 95%, higher moisture resistant adhesives are recommended.

### SUBSTRATE PREPARATION

- Substrate must be structurally sound, clean, level and dry.
- Substrate must be free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, adhesives, loosely bonded toppings, loose particles and any other substance or condition that may prevent or reduce adhesion.
- Do not use over substrates containing asbestos or active cutback.
- Fill depressions or cracks with a cementitious patching / leveling compound that meet or exceed Shaw Industries maximum moisture level and pH requirements. Use of gypsum-based patching and/or leveling compounds which contain Portland or high alumina cement and meet or exceed the compressive strength of 3,000 psi are acceptable.
- For cracks or saw cuts deeper than 1", Shaw QuikFil is recommended.
- **Shaw Carpet Tile Products:** Installation site must be acclimated with HVAC in operation or the temperature must be controlled between 50-95° F (10-35° C) and the ambient relative humidity controlled between 40-65% before, during and permanently after the installation.
- **Other Manufacturers Carpet Tile Products:** Installation site must be acclimated with HVAC in operation or the temperature must be controlled between 65-95° F (18-35° C) and the ambient relative humidity controlled between 40-65% before, during and permanently after the installation.
- Do not use over chemically abated substrates.

Read and follow the product specific installation guidelines for layout, design and any special instructions for installation.

**APPLICATION INSTRUCTIONS AND SPREAD RATES**

- Spread adhesive using the recommended trowel or 3/8" nap roller.
- Spread adhesive evenly over substrate, keeping the trowel at a 45° angle to the substrate.

Application Method	Coverage
1/16" x 1/32" x 5/64" U-notch trowel	28 – 33 yd <sup>2</sup> /gallon 250 – 300 ft <sup>2</sup> /gallon
3/8" foam or medium nap roller	35 – 40 yd <sup>2</sup> /gallon 300 – 350 ft <sup>2</sup> /gallon

After installation, roll floor covering with a 75 – 100 lb. roller.

Dry Time	30 – 60 minutes or until tacky
Working Time	24 hours
Cure Time	24 Hours

**Note:** Coverage rate, flash time and working time may vary based on temperature, humidity, substrate porosity, jobsite conditions and application practices. Coverages are estimates only. Actual jobsite coverages may vary according to substrate conditions, type of trowel used and setting practices. Trowel dimensions are width/depth/space.

**Areas with lower than normal relative humidity will result in a reduced working time.**

For releasable installations, allow the adhesive to become clear and tacky with no transfer.  
For permanent bond installations, install carpet tile into semi-wet adhesive.

**PRODUCT CHARACTERISTICS**

Weight	35 lbs / 4 gallon 8.75 lbs / 1 gallon
Pallet Quantity	48 / 180
Pallet Weight	1730 lbs / 1625 lbs
Polymer Type	Acrylic
Percent Solids	40 - 60%
VOC's (Rule #1168 of California SCAQMD)	< 7 g/L
Color	Off-White
Tracer	Red Hexagon
Shelf Life	2 years from manufacturing date, in an unopened container.
Storage Conditions	65° F to 95° F (18° C to 35° C) Protect from freezing.

Flash point (ASTM D56)	>212° F / 100° C
Cleaning Instructions	Use warm soapy water while adhesive is still wet. For dried adhesive removal contact Shaw Technical Support 1.800.471.7429.
Traffic	Light Traffic – immediate Heavy Traffic – 24 hours

Place plywood over the carpet when heavy objects are moved.

**ENVIRONMENTAL**

- California South Coast Air Quality Management District Rule 1168
- California Department of Public Health Section 01350
- CRI Green Label Plus Certified #60111

**LEED IEQ Credit Information (2009 and V4)**

Credit Requirement	Status	Comment
Meets General Emissions Evaluation Criteria	Complies	CRI Green Label Plus (GLP) #60111
VOC's (Rule #1168 of California SCAQMD amended October 6, 2017)	Complies	VOC Content < 50 g/L

**WARRANTY**

This product is covered by a [15 Year LokWorx Carpet Adhesive Limited Warranty](#). For more detailed information on this limited warranty, please see contact information at the bottom of this page.