

T-180 ADHESIVE

DESCRIPTION

Shaw T-180 Flooring Adhesive is a high-strength, high-tack adhesive for Shaw foam backed luxury vinyl plank over porous and non-porous substrates. Shaw T-180 offers extended open time, fast dry time and ease of application. This unique adhesive has outstanding water resistance and tenacious bond strength for demanding installations such as hospitals, schools, nursing homes, hospitality, and food preparation centers. The low odor is ideal for occupied buildings. One trowel used for most applications.

APPROVED SUBSTRATES

- APA approved wood underlayments and subflooring
- Sound and properly prepared concrete (on, above or below grade), terrazzo

LIMITATIONS

- Not for outdoor use.
- Do not use in the presence of hydrostatic moisture/pressure.
- Cannot be used over substrates which have been chemically cleaned.
- A bond test MUST be performed. • Not for use with PVC backed flooring.
- Do not allow product to freeze.

SUBSTRATE PREPARATION

- Proper substrate preparations are essential.
- Moisture testing must be performed and documented before installation begins.
- Do not install when relative humidity of concrete slabs exceeds 95% (per latest version of ASTM F2170)
- Substrate pH readings should be between 7.0 and 10
- Read Technical Bulletin titled Substrate Preparation before beginning installation. This document may be obtained by calling 800.441.7429

APPLICATION INSTRUCTIONS

- Apply with a 1/16" x 1/16" x 1/16" SQ-Notch trowel (width, depth, spacing) for all installations.
- IMPORTANT: Use the specified trowel, and replace the trowel blade when worn to ensure proper spread rate. The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65°-85°F, and the humidity between 45-65% for 48 hours prior to, during, and continuously after the installation. Asphalt-based or cutback adhesive stains must be removed completely. Roll the installation in both directions with a 75 -100 lbs. 3-section roller immediately after flooring is placed, ensuring complete contact with adhesive.

Application Characteristics over Porous Substrates		
	Flash*	Working Time**
Shaw foam backed luxury vinyl plank	20-30 minutes	Up to 1 hour

Application Characteristics over Non-Porous Substrates		
	Flash*	Working Time**
Shaw foam backed luxury vinyl plank	30 - 40 minutes	Up to 1 hour

*Flash is the waiting time required before installing flooring

**Working time is the window of time for the adhesive to accept flooring.

Note: Flash time and working times may vary based on temperature, humidity, substrate porosity and jobsite conditions. Areas with lower than normal relative humidity will result in reduced working time.

RECOMMENDED TOOLS AND SPREAD RATES

1/16" x 1/16" x 1/16" SQ-Notch trowel	140-170 square feet per gallon ft ² /gallon
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*Rate of application will depend on use, substrate porosity, and the floorcovering that is

being installed.

PRODUCT CHARACTERISTICS

Weight	34 lbs
Pallet Quantity	48/4 gallon pails
Pallet Weight	1670 lbs
Polymer Type	Acrylic
VOC's (Rule #1168 of California SCAQMD)	<20 g/L
Color	White
Shelf Life	1 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.
Protect from traffic	Immediate occupation and use is permitted in dried adhesive installations. Allow at least five days following the installation before conducting wet cleaning procedures or initial maintenance.

ENVIRONMENTAL

- California South Coast Air Quality Management District SCAQMD Rule 1168
- California CHPS Section 01350

LEED IEQ CREDIT INFORMATION (2009 AND V4)

- IEQ Credit 2.1, 2.2: Low emitting materials
- VOC content is below that established by SCAQMD Rule 1168
- California Section 01350 compliant

WARRANTY

This product is covered by a 10 year limited warranty. For more detailed information and limitations on this limited warranty, please contact Shaw Information center 800.441.7429