

Shaw 1200 Specification

ADHESIVE FOR ALL SHAW BROADLOOM BACKINGS EXCEPT ECOWORX®

Any variance from these procedures will become the responsibility of the installer and not the manufacturer. See Shaw's Broadloom Installation Guidelines for additional information. Installation guidelines can be obtained by contacting us at the numbers below. For installation assistance, please contact Shaw Product Support at 1.800.471.7429.

Shaw 1200 has been designed specifically for the installation of carpet with a variety of backing styles. Its high-solids formulation has been developed so that lower flash times are required. Its rapid tack development and superior bond strength make Shaw 1200 the adhesive of choice for virtually all carpet installations. It is however not recommended for use with EcoWorx broadloom.

FEATURES AND BENEFITS

- Ultra high solids for rapid setting and drying times
- Fast grab to hold stiff and rigid carpet in place during installation
- Low-odor formula for use in occupied buildings
- CRI Green Label Plus certified and SCAQMD compliant
- Mildew resistant and non-staining

Weight	Pallet Qty.	Pallet Weight
45 lbs. (4 gals.)	48	2185 lbs.

Laboratory Tests	Results
Polymer type	Synthetic Rubber Resin Blend
Percent solids	74-78%
VOCs Rule #1168 of California's SCAQMD	12 g/l
Trowelability	Light, easy
Density	9 lbs. (4.08 kg) (+/- 0.4); 1.1 g/mL (+/- 0.05)
Consistency	Buttery
Color	Off-white
Tracer	Navy Hexagon
Shelf life	1 year when stored in original packaging at 73° F (23°C)
Storage conditions	65°F to 95°F (18°C to 35°C)
Flash point (ASTM D56)	> 212°F (100°C)
Protect from traffic	24 hours for light traffic, 72 hours for heavy traffic

Although the adhesive is freeze/thaw stable, protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

ENVIRONMENTAL

- CRI Green Label Plus Certified #60112
- Meets the requirements of California South Coast Air Quality Management District Rule 1168
- Meets the requirements of California Department of Public Health Section 01350

LEED (VERSION 3.0) CONTRIBUTION

MR Credit 5, Regional Materials	Up to 2 points
IEQ Credit 4.1, Low-emitting Materials, Adhesives & Sealants	1 point
IEQ Credit 4.3, Low-emitting Materials, Flooring Systems	1 point

1-YEAR WARRANTY

This product is covered by a 1-year limited warranty. For information on this limited warranty, please ask your authorized Shaw retailer or contact the number below.

INSTALLATION INSTRUCTIONS FOR ADHESIVE

For more detailed instructions, refer to Shaw's Installation Guidelines and the CRI Installation Standard. This product is for interior installation only.

1. CHECK THE MOISTURE LEVEL AND pH

Do not begin the installation over concrete substrates that do not meet the following MVER moisture vapour emission rate requirements.

- **Moisture:** Conduct Relative Humidity (RH) testing and results must be below 85% (ASTM F-2170) or Anhydrous Calcium Chloride test must be less than 5 lbs. per 1,000 sf (2.27 kg per 92.9 m²) per 24 hours, when using the ASTM F-1869 test. Shaw recognizes the RH test as the qualifying standard.
- **Alkalinity:** pH testing should be performed with results ranging between 5.0 and 9.0 (ASTM F-710). Take corrective measures if the results exceed these limits.

2. PREPARE THE FLOOR

- All substrates must be structurally sound, solid, stable, level, even, flat, smooth and dry.
- Substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion.
- If inactive multi-purpose adhesive exists, remove ridges by scraping or sanding to expose the bare concrete leaving only a well bonded light residue. Sweep and vacuum any remaining debris prior to the application of Shaw 1200. If the multi-purpose is active, remove ridges to expose the bare concrete leaving only a well bonded light residue.
- When installing over existing pressure sensitive adhesive, remove ridges to expose the bare concrete leaving only a well bonded light residue and eliminate the remaining tack of the adhesive with use of Shaw 6200.

Suitable substrates are:

- Exterior-grade plywood, Group 1, CC type
- Other approved wood underlayments (per manufacturer recommendations)
- Concrete and properly prepared terrazzo

- Cement-based self-leveling underlayments and patching compounds
- Embossing levellers applied over existing, properly prepared and fully bonded ceramic tile, and sheet vinyl
- A single layer of properly prepared, fully bonded vinyl composition tile (VCT)
- Properly prepared and primed gypsum underlayments that meet the ASTM F2419 requirements for compressive strength

3. DETERMINE DRY TIME

Flash is the waiting time required before installing flooring. Working time is the window of time for the adhesive to accept flooring. Flash time and working times may vary based on temperature, humidity, substrate, porosity, trowel size and jobsite conditions.

Application Characteristics over Substrates		
Flooring Type	Flash	Working Time
Porous Floors	0-15 minutes	30-45 minutes
Non-porous Floors	15-35 minutes	45-60 minutes

4. DETERMINE COVERAGE AND SELECT APPLICATION METHOD

Coverages shown are for estimating purposes only. Actual jobsite coverages may vary according to skill of the installer, porosity/texture of the subfloor or type/angle of trowel used. Trowel dimensions are depth/width/space.

Application and Coverage		
Flooring Type	Application Method	Coverage
Double stick applications (carpet to pad)	1/8" x 1/8" x 1/16" U Notch (3x3x1.5 mm)	4-8 SY/U.S. gal. (3.34-6.69 m ² per L)
Double stick applications (pad to floor)	3/32" x 3/32" x 3/32" V Notch	10-12 SY/U.S. gal. (8.36 – 10.03 m ² per L)
All broadloom carpet applications.	1/8" x 1/8" x 1/8" U Notch (3.x 3 x 3 mm)	8 to 10 SY/U.S. gal. (6.69 to 8.36 m ² per L)

5. APPLY ADHESIVE

Read all installation instructions thoroughly before installation.

Select the appropriately notched trowel.

Spread adhesive evenly over the subfloor, keeping the trowel at a 45° angle to the subfloor. The adhesive is ready for carpet installation when the entire ridge of glue becomes tacky. Check this by firmly placing a finger into the ridge of adhesive and pressing to the floor. Lift slowly and the adhesive should stick to the floor and your finger and should have legs or strings of one to two inches. Fans or air movers blowing across (not on) the adhesive will greatly reduce required open time.

6. SEAL ALL SEAMS

Seal all seams according to Shaw's Installation Guidelines.

7. ROLL THE FLOOR

Roll flooring widthwise and lengthwise with the recommended weight roller.

8. PROTECT THE FLOOR

Protect floor with plywood if heavy objects are moved on top of surface within 24 hours.

9. CLEAN UP

Clean tools with water while the adhesive is still wet. If the adhesive has dried, you must clean with mineral spirits. Use caution with mineral spirits as mineral spirits may be harmful to some materials.

LIMITATIONS

- Do not install over any substrates containing asbestos.
- Use for interior installations only.
- Do not apply over any active cutback adhesive.
- Do not install shown when the moisture vapour emission rate (MVER) exceeds 5lbs. per 1,000 sq. ft. (2.27 kg per 92.9 m²) per 24 hours, when using the anhydrous calcium chloride test (ASTM F1869).
- Do not install when relative humidity of concrete slabs exceeds 85% (ASTM F2170).
- Use only when the substrate temperature is between 50°F and 90°F (10°C and 32°C).

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