



## Shaw 3400 EcoWorx and EcoWorx Performance Broadloom Adhesive with Florsept®

### DESCRIPTION

Shaw 3400 adhesive is an acrylic based floor covering adhesive which contains antimicrobial agents that meet the AATCC 174 standard and is specifically formulated for permanent installations of non porous backed carpets such as EcoWorx and EcoWorx Performance Broadloom. It is an environmentally friendly adhesive containing over 20% post consumer recycled materials. (Adhesive color variations may occur due to recycled content)

### FEATURES AND BENEFITS

- No flash time required
- Excellent wet grab to eliminate bubbles
- Good working time for pattern adjustment
- New lower-odor formula for use in occupied buildings
- CRI Green Label Plus certified

Weight	Pallet Qty.	Pallet Weight
42 lbs.	48	2041 lbs.

Laboratory Tests	Results
Polymer type	Acrylic polymer
Percent solids	70% to 80%
VOC's (Rule #1168 of California's SCAQMD)	(<5g/l)
pH	5 to 9
Trowelability	Light
Density	10.5 lbs. per U.S. gal. (4.76 kg per 3,79 L)
Consistency	Creamy
Color	Grey
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

*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 #104, Standard for Installation Specification of Commercial Carpet
- CRI #105, Standard for Installation of Residential Carpet

<u>LEED (Version 3.0) Points Contribution</u>	<u>LEED Points</u>
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

**Warranty**

This product is covered by a 1-year limited warranty. For more detailed information and limitations on this limited warranty, please ask your authorized Shaw retailer or contact Shaw Contract at 1 (877) 502.7429 [www.shawcontractgroup.com](http://www.shawcontractgroup.com) , Patcraft at (800) 241.4014 [www.patcraft.com](http://www.patcraft.com) , or Philadelphia / Queen Commercial at 1(800) 441.7429 [www.shawfloors.com](http://www.shawfloors.com)

**INSTALLATION INSTRUCTIONS**

**SURFACE PREPARATION:**

- All substrates must be structurally sound, dry, solid and stable  
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. All surfaces must be level, even, flat and smooth.

**SUITABLE SUBSTRATES:**

- Exterior-grade plywood, Group 1, CC type
- Other approved wood underlayments that are wood association approved such as APA American plywood Association
- Concrete and properly prepared cement terrazzo
- Cement-based self-leveling underlayments and patching compounds containing a latex additive
- 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) after wax removal.
- Properly prepared and primed gypsum underlayments that meet the ASTM F2419 requirements for compressive strength.



**MOISTURE REQUIREMENTS:**

- Do not install shown when the moisture vapour emission rate (MVER) exceeds 8lbs. per 1,000 sq. ft. (3,63 kg per 92,9 m<sup>2</sup>) per 24 hours, when using the anhydrous calcium chloride test (ASTM F1869)
- Do not install when relative humidity of concrete slabs exceeds 90% (ASTM F2170)

Application Characteristics over Porous Substrates		
	Flash*	Working Time**
Shaw EcoWorx Broadloom	0 - 30 minutes	1 hour (permanent bond) (Product does not develop legs as it cures.)

Application Characteristics over Non-Porous Substrates		
	Flash*	Working Time**
Shaw EcoWorx Broadloom	10 - 30 minutes or until dry	3 - 4 hours

*\*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, trowel size and jobsite conditions.

**APPROXIMATE PRODUCT COVERAGES**

Flooring Type	Typical Trowel	Coverage*
Shaw EcoWorx Broadloom	3/32" x 3/32" x 3/32 V Notch (2.5 x 2.5 x 2.5 mm)	10 to 12sq yds. per U.S. gal. (8.36 to 10.2 m <sup>2</sup> per 3.79 L)

*\*Trowel dimensions are depth/width/space. Coverages shown are for estimating purposes only. Actual jobsite coverages may vary according to substrate conditions, type of trowel used and setting practices.*

1. Read all installation instructions thoroughly before installation
2. Select the appropriately notched trowel (see "Approximate Product Coverage" section)
3. Spread adhesive evenly over the subfloor, keeping the trowel at a 45° angle to the subfloor
4. Roll the flooring with the recommended weight roller across the width and length of the flooring surface
5. Promptly clean any adhesive smudges from the flooring material's surface with water while the adhesive is still fresh/wet



Clean tools with water while the adhesive is still fresh/wet. Clean with mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.

#### **LIMITATION**

- Do not install over any substrates containing asbestos
- For interior installations only
- Do not apply over any adhesive residues including cutback adhesive
- Use only when the ambient temperature is between 65° F and 95° (10° C and 32° C)