



3500

Specification

Installation Instructions

See Shaw's EcoWorx Broadloom Installation Guidelines for additional information. Installation guidelines can be obtained by contacting Shaw Contract Group at 1 (877) 502.7429 www.shawcontractgroup.com For installation assistance please contact Shaw Commercial Installation Services at 1.800.471.7429.

Porous Substrate: Concrete in the absence of excessive moisture, alkali, and hydrostatic pressure, APA registered plywood underlayment, hardboard, or association grade particle board underlayment.

Non-Porous Substrate: Sealed concrete, stripped VCT, or ground terrazzo. (Increased open time may be needed over non-porous subfloors.) Note: not recommended over existing vinyl flooring.

Sub-floor must be structurally sound, clean, level and dry. Remove all foreign substances such as wax, grease, dirt and any substance or chemical that would interfere with the adhesive bond. Fill all holes and cracks with a cement based patching compound containing a latex additive. Sand any existing high spots. Install felt or hardboard underlayment over tongue and groove flooring to eliminate the possibility of telegraphing. It is recommended that the installer perform tests for alkalinity (pH results should range between 5 - 9). Take corrective measures if concrete surface pH exceeds 9. Moisture tests should be performed using an anhydrous calcium chloride test according to ASTM F-1869 test method. Moisture emissions according to ASTM F-1869 test method should not exceed 5.0 lbs. per 1000 square feet per 24 hours (2.27 kg/92.9m²/24 hours). Relative Humidity readings according to ASTM F-2170 must be below RH 80%. If both tests are performed the RH test is the qualifying standard.

The adhesive, floor covering, and installation site must be maintained at a temperature of 65°-95°F (18.30°-43.09°C) and relative humidity not to exceed 65% for 24 hours before, during, and permanently afterwards.

Recommended Trowel Size and Notch	Coverage
Non-Patterned Products 3/32" x 3/32" x 3/32" U-notch	8 – 9 sq. yds. per gln. / 4 gln. Container Up to 3.0 sq. meters / liter
Patterned Products 1/8" x 1/8" x 1/8" U-notch	5 – 7 sq. yds. per gln. / 4 gln. Container Up to 2.0 sq. meters / liter

*Trowel dimensions are width x depth x spacing. Coverage is approximate and may vary depending on porosity of substrate and the angle at which the trowel is held. It is the installer's responsibility to apply the proper amount of adhesive for the job condition.

1. Apply adhesive to substrate with recommended trowel. The adhesive is ready for carpet installation when the entire ridge of glue becomes tacky. This can be checked 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 have leg or strings for one to two inches. Fans or air movers blowing across not on the adhesive will greatly reduce required open time.
2. This backing should be rolled widthwise, and then lengthwise with a 75 – 100 lb. roller to assure transfer of the adhesive between the floor and carpet backing and to eliminate any trapped air. Work from the center towards the edge to expel trapped air. Failure to perform this could result in bubbling or unwanted air pockets.
3. Roll until carpet is bonded uniformly to the substrate. If carpet lifts at seams or if bubbles occur, roll again until carpet is bonded firmly to floor. This backing may require steaming. Please see Shaw Industries EcoWorx[®] Broadloom Installation Guidelines for details regarding steaming.

4. Seal all seams according to flooring manufacturer's recommendation.

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- Inadequate adhesive application or set up time may result in bubbles and/or peaked seams and repair will require more time and effort than proper initial installation. In order to alleviate bubbles, creases, pile distortion and crushing, it is advised to steam the carpet. Successful steaming is dependent on an adequate application of adhesive.
- Clean-up: Use warm soapy water while adhesive is still wet. Use a safety solvent if dried.

Description

3500 EcoWorx Broadloom Carpet Adhesive

Shaw 3500 is an extremely high solids, high strength, and fast grabbing carpet adhesive. Shaw 3500 requires a minimum of 30 minutes tack time for most installations.

Weight	Pallet Qty.	Pallet Weight
39 lbs.	48	1961lbs.

Freeze / Thaw	to 10°F (-12°C)
V.O.C.	Less than .5 grams per liter
Base:	Synthetic rubber, resin blend
Appearance:	Off white, smooth, easy-to-spread mastic
Working Time:	20-30 minutes under normal conditions
Shelf Life:	One year in unopened container at 70°F (21°C).
Flammability:	Non-flammable. Meets NFPA Class A and UBC Class 1 as determined by the ASTM E84 Tunnel Test and also passes the pill test.

KEEP OUT OF THE REACH OF CHILDREN Do not take internally. If swallowed, do not induce vomiting - call a physician immediately.

Environmental

LEED – qualifies for Indoor Environmental Quality Category Credit 4.1 Low Emitting Materials

GLP 82405

California South Coast Air Quality Management District SCAQMD Rule 1168

California CHPS Section 01350

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 Group at 1 (877) 502.7429 www.shawcontractgroup.com.