

**SHAW 9050 SPECIFICATION****PH BLOCKER/FLOOR  
PRIMER**

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

Shaw 9050 is an acrylic solution made to neutralize excess alkali. Shaw 9050 is also recommended as a primer coat on porous concrete above, on or below grade, light weight concrete, over floor patch and other porous surfaces to prevent over absorption of adhesive and to ensure a better bond. Shaw's requirements for pH should range between 5 and 9.

**FEATURES AND BENEFITS**

- Applies easily with roller, garden sprayer, airless rig or regular paint spray equipment
- CRI Green Label Plus certified and SCAQMD compliant

Weight	Pallet Qty.	Pallet Weight
37 lbs. (4 gal)	48	1826 lbs.

Laboratory Tests	Results
Polymer type	Acrylic emulsion
Percent solids	22-26%
VOCs Rule #1168 of California's SCAQMD	<1 g/L
Trowel ability	Easy
Density	8.0-8.4 lbs. /gal (3.6-3.8 kg)
Consistency	Liquid
Color	Off White, dries clear
Odor	Mild
Shelf life	2 years when stored in original packaging at 73° F (23°C)
Storage conditions	65°F-95°F (18°C-35°C)
Flash point (ASTM D56)	N/A
Protect from traffic	30 minutes

*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**

- Certified by Carpet & Rug Institute Green Label Plus GLP 02136
- Meets Requirements of California South Coast Air Quality Management District SCAQMD Rule 1168
- Meets Requirements of California Department of Public Health Section 01350

**LEED (VERSION 3.0) CONTRIBUTION**

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

## INSTALLATION INSTRUCTIONS

### 1-YEAR WARRANTY

For more detailed instructions, refer to Shaw's Installation Guidelines and the CRI Installation Standard.

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.

### 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 m<sup>2</sup>) 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, dry, solid and stable. Substrate should be clean and free of dust, dirt, oil, wax, grease, paint, curing agents, curing compounds, fire retardant chemicals, concrete sealers, loose particles and any other foreign substance or condition that may prevent or reduce adhesion. All surfaces must be level, even, flat and smooth.

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 levelers 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

Drying time is the time required for the coating to dry to a tack free state. Dry time may vary based on temperature, humidity, substrate porosity, roller size and general jobsite conditions.

Application Characteristics over Substrates	
Flooring Type	Drying Time
All Subfloors	30 minutes

### 4. DETERMINE COVERAGE AND SELECT APPLICATION METHOD

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

Flooring Type	Roller	Coverage
Concrete	Medium nap roller 3/16" - 3/8" nap or brush	350-500 sf/gal (6.6 m <sup>2</sup> /L)

## 5. APPLY PRIMER

Apply generously to substrate using a medium nap paint roller. For large jobs, Shaw 9050 may be applied with a garden sprayer, airless rig or regular paint spray equipment. Allow a minimum of 30 minutes dry time before installing flooring. When using to neutralize excess alkali, test the pH after the first application and if the pH remains above 9 apply a second coat and retest pH level.

## 6. CLEAN UP

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

## LIMITATIONS

- This is not intended as final floor covering.
- Use for interior installations only.
- Use only when the substrate temperature is between 50°F and 90°F (10°C and 32°C).