

**Shaw 4100 Resilient Flooring Adhesive**

For Installing Resilient Sheet, Plank & Tile Over Porous and Non-porous Floors

**Shaw 4100** is a premium high strength adhesive for installing resilient sheet, tiles and dimensionally stable resilient plank over porous and non-porous substrates. **Shaw 4100** is a solvent free, water-based acrylic adhesive suggested for use in occupied buildings, as it is low in odor, and contains “zero” (calculated) VOCs.

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 at or below 60% for 48 hours prior to, during, and after the testing and installation. Follow ASTM F 710 guidelines for subfloor testing and preparation.

**Limitations for Use:**

Concrete substrates must comply with limitations of moisture and alkalinity. In-situ Relative Humidity test must be performed per ASTM F 2170. Results cannot exceed 87% RH and substrate pH readings should be between 7.0 and 10.0.

**Advantages:**

- Low odor—contains no solvents or alcohols
- Zero (calculated) VOCs
- Very quick, strong bond development
- Water clean up when wet, use solvent when dry
- When used with certain Shaw Resilient products, installation carries an exclusive 10 year under bed warranty

**Substrates:** Sound and properly prepared concrete (above, on and below grade), APA approved wood subflooring, and existing clean resilient flooring. Substrates must be clean and dry, free of dust, dirt, paint, wax, existing adhesives or other contaminants that may interfere with the adhesive bond. Do not use chemically cleaned substrates.

**Packaging:** 4 gallon EkoBox

**Suggested Trowel:** 1/16" wide x 1/32" deep x 1/32" apart  
U-notched trowel

**Spread Rate:** 175–225 sq ft/gallon or 700–900 sq ft/package

**Application:**

**Porous substrates:** Resilient sheet flooring may be placed into adhesive after 10–20 minutes open time (flash-off) over a porous substrate.

**Non-porous substrates:** Install sheet, tiles and plank flooring into adhesive as it becomes dry to the touch with little or no transfer to finger when touched. This will normally require 30 to 60 minutes of drying time at suggested installation temperature and humidity. Do not install flooring over adhesive that is too wet. Roll with a 100 lb. roller immediately after flooring is placed, ensuring complete contact with adhesive.

**Shelf Life:** 1 year from manufacturing date, in an unopened container. This product is not photochemically reactive as defined by California Rules 102 and 443. VOC content is below that established by California SCAQMD Rule 1168.

For MSDS information, please visit [www.shawhardsurface.com](http://www.shawhardsurface.com)

*Disclaimer: Users should determine the suitability of this information or product for their own particular purpose or application. Manufacturer is not responsible for the misuse of this product. This Technical Data Sheet and the information conveyed herein supersede all previous versions.*