

Stix® 5500

PREMIUM HIGH STRENGTH VINYL FLOORING ADHESIVE



FOR VINYL SHEET, PLANK & TILE • SOLVENT FREE • LOW ODOR

Stix 5500 is a premium high-strength adhesive for installing sheet vinyl, vinyl tiles and dimensionally stable vinyl plank over porous and non-porous substrates. **Stix 5500** is a solvent-free, water-based acrylic adhesive suggested for use in occupied buildings, as it is low in odor, and contains “zero” (calculated) VOC. **Stix 5500** is Carpet & Rug Institute (CRI) Green Label Plus approved and FloorScore® Certified. 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°–95° F, and the humidity between 40%-65% for 48 hours prior to, during, and after the testing and installation.

Limitations for Use: Concrete substrates must comply with limitations of moisture and alkalinity, with in-situ Relative Humidity (RH) per current version of ASTM F2170 not to exceed 85%, and substrate pH readings between 8.0–9.0.

- Meets requirements of CA Section 01350 for indoor air quality
- CA SCAQMD Rule# 1168 Compliant
- Contains MicroSept™ antimicrobial system protection
- Conforms to FloorScore® SCS EC10.2-2007

LEED PROGRAM CERTIFICATIONS (where applicable)

- IEQ Credit 4.1–Low Emitting Materials
- IEQ Credit 4.3–Low VOC ratings help qualify installations for this credit as part of a flooring system.
- MR Credit 5–Regional Materials–on jobsites within 500 miles from manufacturing location: Dalton, GA 30721.

Installation: Follow the flooring manufacturer’s installation instructions and guidelines regarding adhesive application rate and method.

Recommended Trowel Sizes:

- Porous floors: 1/16” x 1/16” x 1/16” SQ-Notch (160–180 square feet per gallon)
- Non-porous floors: 1/16” x 1/32” x 1/32” U-Notch (220–260 square feet per gallon)

All substrate preparation and testing procedures must conform to appropriate ASTM F710 and CRI 104 guidelines, and comply with the floor-covering manufacturer’s specification.

Substrates: Sound and properly prepared concrete, APA approved wood subflooring and existing clean non-cushion vinyl 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 on chemically cleaned substrates.

Porous Substrates:

- Vinyl sheet flooring may be placed into adhesive after 10–20 minutes open time (flash-off) over a porous substrate. Roll the installation in both directions with a 75-100 lbs. 3-section roller immediately after flooring is placed and positioned, ensuring complete contact with adhesive.
- When installing vinyl plank and tile over a porous substrate, the adhesive should be allowed to dry to the touch sufficient to prevent slippage. Loss of adhesion can result if the flooring is not installed within the working time of the adhesive. Roll the installation in both directions with a 75-100 lbs. 3-section roller immediately after the installation is complete.

Non-porous Substrates:

- Install vinyl 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 30–60 minutes of drying time at suggested installation temperature and humidity. Do not install flooring into wet adhesive on non-porous substrates. Roll the installation in both directions with a 75-100 lbs. 3-section roller immediately after flooring is placed, ensuring complete contact with adhesive.

Traffic: Follow the flooring manufacturer’s installation guidelines; otherwise restrict foot traffic for 24 hours after installation. No heavy traffic, rolling loads or furniture placement for 72 hours after installation. Additional time may be necessary if the installation is over a non-porous substrate. Allow at least five days following the installation before conducting wet cleaning procedures or initial maintenance.

Clean Up: Use a clean wet cloth to clean up adhesive while still wet; dried adhesive may require the use of an appropriate solvent.

Shelf Life: 2 years from date of manufacture in unopened, properly stored container.

Technical Questions?

Technical Rapid Response: 706-508-5907 Mon-Fri 8am – 5pm EST

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.

XL Brands® and Stix® are registered trademarks of XL Brands, LLC