

Stix® 5900

HIGH SHEAR VINYL FLOORING ADHESIVE



HIGH BOND STRENGTH AND SHEAR RESISTANCE • SOLVENT-FREE ADHESIVE

Stix 5900 vinyl flooring adhesive is a solvent-free acrylic-based adhesive formulated with high bond strength and shear resistance for installing luxury vinyl sheet, tile and plank flooring. The adhesive transitions from a pressure sensitive to a firm bond for installing over either porous or non-porous substrates. **Stix 5900** has low odor for installations in health care facilities, schools, and homes, and is made with MicroSept™ broad spectrum antimicrobial protection to improve mold and fungal resistance.

- Meets requirements of CA Section 01350 for indoor air quality
- CA SCAQMD Rule# 1168 Compliant
- Conforms to FloorScore® SCS EC10.2-2007
- CRI™ Green Label Plus approved

LEED PROGRAM CREDITS (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.

Substrate Preparations: Suitable substrates include on or above grade concrete (within moisture and alkalinity specifications), well-bonded and properly-prepared tile or sheet goods, APA underlayment grade plywood and radiant heated floors (85°F and below). 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 between 65°–95°F, and the humidity between 40%–65% for 48 hours prior to, during, and after the testing and installation. All substrates must be clean, smooth, dry and free of waxes, existing adhesives, dirt, dust, grease, oil, paint curing compounds or sealers. This adhesive cannot be used over chemically cleaned substrates. **Stix 5900** can be used on concrete substrates with in-situ Relative Humidity (RH) up to 90%, and with pH between 8.0 and 10.0.

Installation: Follow floor-covering manufacturer's installation instructions and proper adhesive application rate. All substrate preparation and testing procedures must conform to appropriate ASTM F710 guidelines, and comply with the floor-covering manufacturer's specification.

NOTE: It is up to the end user to determine the coverage that is appropriate for flooring and jobsite conditions. Bond testing prior to the installation will help identify the appropriate application rate, open and working time, and any potential bonding problems to the substrate or flooring. Follow the flooring manufacturer's installation instructions and guidelines regarding adhesive application rate and method.

Recommended Trowel:

- 1/16" x 1/32" x 1/32" U-Notch
- Coverage: 220–260 square feet per gallon

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 vinyl installing 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.

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