

Stix® 5800

FIRM-SETTING ADHESIVE FOR VINYL
AND RUBBER FLOORING



EXTENDED INSTALLATION TIME • EASY SPREADING ACRYLIC ADHESIVE • "ZERO" (CALCULATED) VOC

Stix 5800 is a firm-setting acrylic adhesive that forms a tight water-resistant bond with solid vinyl plank, tile and sheet goods, linoleum, and rubber sheet and tile flooring. The adhesive offers better workability for the installer with extended open time up to 30 minutes. **Stix 5800** is excellent for use on installations that require resistance to indentations from heavy point and rolling loads. The adhesive is also very low odor and easy to spread.

- 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 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.

Substrates: Use over concrete substrates and underlayment grade or APA approved plywood. Stix 5800 may be used for installations over porous concrete substrates with up to 85% relative humidity, and pH between 8.0-10.0. 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. Substrates must be structurally sound, solid, well-fastened, dry, clean and free of dust, oil, grease, tar, existing adhesives, paint, wax, curing agents, primers, sealers, loosely bonded toppings, loose particles and any substance or condition that may reduce or prevent adhesion. Sealed or painted surfaces, old adhesives, or coatings must be removed using mechanical methods. Do not use this adhesive on chemically cleaned substrates or substrates treated with silicates.

All substrate preparation and testing procedures must conform to appropriate ASTM F710 guidelines, and comply with the floor-covering manufacturer's specifications.

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

Recommended trowel:

- Vinyl sheet, plank and tile, rubber and linoleum sheet and tiles: 1/16" x 1/16" x 1/16"
Square Notch (spread rate approximately 160-180 square feet per gallon)

Use the specified trowel, and replace the trowel blade when worn to ensure proper spread rate. Adhesive application must be sufficient to achieve 100% transfer of adhesive to the backing of the floor covering.

Porous substrates: 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 3-section roller immediately after flooring is placed and positioned, ensuring complete contact with adhesive. When installing planks or tiles over a porous substrate, spread the adhesive and allow it to become partially dry sufficient to prevent slippage. Place the flooring and roll the installation in both directions with a 3-section roller immediately after the installation is complete.

Non-porous substrates: For installing sheet flooring, plank and tiles, allow the adhesive up to 30 minutes open time before placing the flooring material into the adhesive, but DO NOT ALLOW THE ADHESIVE TO DRY COMPLETELY. After spreading the adhesive, install the flooring as soon as the adhesive has begun to partially dry and develop body. Check for adhesive transfer frequently; there must be transfer of adhesive to the material backing in order to achieve a secure bond.

NOTE: The open time and working time of the adhesive will vary depending on site conditions such as ambient temperature and humidity, the porosity of the substrate and air circulation. Roll the installation in both directions with a 3-section roller immediately after flooring is placed.

Important: If the adhesive is left open beyond the 30 minutes working time, the adhesive can become too dry and will not provide sufficient adhesion to the floor covering. Loss of adhesion can result if the flooring is not installed within the working time of the adhesive. The installer is responsible for determining the proper drying time under the existing conditions, and must not spread more adhesive than can be covered within the allowed working time.

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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