

# Stix® 5900

XL Brands®

## HIGH SHEAR VINYL FLOORING ADHESIVE

HIGH BOND STRENGTH AND SHEAR RESISTANCE • LOW ODOR • SOLVENT FREE



**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 protect the adhesive from bacterial and fungal growth. **Stix® 5900** is FloorScore® Certified, CRI™ Green Label Plus approved and passes SCAQMD Rule 1168 as well as conforming to CA Section 01350.



### SUBSTRATE CONDITIONS

Use on or above grade concrete substrates with up to 90% RH (per current ASTM F2170), and pH of 8.0–10.0.

### USE WITH

Luxury vinyl tile (LVT)  
Luxury vinyl plank (LVP)  
Vinyl sheet flooring

### CERTIFICATIONS

• CRI™ Green Label Plus  
• FloorScore® Certified  
• LEED v4 PROGRAM CREDITS  
(where applicable)  
IEQ Credit 2.1, 2.2

### LIMITATIONS

- Do not allow product to freeze
- Do not use on substrates that have been chemically cleaned or over treated plywood
- Do not use to install vinyl-backed flooring over asphalt-based (cutback) adhesive residues.
- Shelf life two years from date of manufacture, in unopened container. Store indoors at a temperature between 65-95°F.

### BEFORE YOU BEGIN:

Important: Proper substrate preparations are essential. Moisture testing must be performed and documented before installation begins. Read XL Brands Technical Bulletin titled Substrate Preparation for complete instructions before beginning installation. This document may be found at [www.xlbrands.com/resources/technical-bulletins/substrate-preparations](http://www.xlbrands.com/resources/technical-bulletins/substrate-preparations). If you have questions, contact XL Brands Technical Department at 706-508-5907 Mon-Fri, 8:00am - 5:00pm EST before you begin.

### USAGE:

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.

### POROUS SUBSTRATES:

- Vinyl sheet flooring may be placed into adhesive after 10–20 minutes open time (flashoff) 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.

### 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, MicroSept and Stix are registered trademarks of Bostik, Inc.. FloorScore is a registered trademark of SCS Global Services. CRI is a registered trademark of The Carpet and Rug Institute.

### FLOORCOVERING

LVT, LVP & Vinyl sheet flooring

### TROWEL RECOMMENDATION

1/16" x 1/32" x 1/32" U-notch

### COVERAGE

220-260 square feet per gallon

1/16" x 1/32" x 1/32"

**IMPORTANT:** 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.

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