

# Stix<sup>®</sup> 5850

XL Brands<sup>®</sup>

## FIRM-SETTING ADHESIVE FOR VINYL AND RUBBER FLOORING

WITH MINIMUM 20% PCC (POST CONSUMER CONTENT) • EXTENDED INSTALLATION TIME



**Stix 5850** 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 5850** 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. **Stix 5850** contains recycled Post Consumer Content (PCC). **Stix 5850** is CRI<sup>™</sup> Green Label Plus approved by The Carpet and Rug Institute for Indoor Air Quality, FloorScore<sup>®</sup> Certified and Certified at the PLATINUM Level for Material Health.



### SUBSTRATE CONDITIONS

- Use on concrete substrates with up to 85% 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
- Linoleum
- Rubber sheet & tile

### CERTIFICATIONS

- Certified<sup>™</sup> at the PLATINUM Level for material health
- CRI<sup>™</sup> Green Label Plus
- FloorScore<sup>®</sup> certified
- LEED Credits:
  - IEQ Credit 2.1, 2.2
  - MR Credit 4.1
  - MR Credit 3.2

### 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:

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.

### 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.. CRI is a registered trademark of The Carpet and Rug Institute. FloorScore is a registered trademark of SCS Global Services.

### FLOORCOVERING

Over non-porous substrates  
Over porous substrates, textured backings, linoleum or rubber

### TROWEL RECOMMENDATION

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

### COVERAGE

220-260 square feet per gallon  
160-180 square feet per gallon

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

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

**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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