



PRODUCT CATEGORY: SPECIALTY

# Stix<sup>®</sup> 2199

TRANSITIONAL MULTI-USE ADHESIVE

Solvent Free | Firmer Set | Low Odor | Moisture Resistant

**DESCRIPTION:** Stix<sup>®</sup> 2199 is a solvent-free, transitional adhesive with aggressive tack designed for the installation of vinyl- and non-vinyl-backed modular carpet tile, luxury vinyl tile (LVT), luxury vinyl plank (LVP), VCT, vinyl sheet flooring, and fiberglass-reinforced vinyl sheet. Stix 2199 is made with MicroSept<sup>®</sup> Advanced Antimicrobial System to protect the adhesive from bacterial and fungal growth. When used with carpet tiles, this adhesive is formulated for releasing and re-bonding while permanently retaining its tack, allowing individual tiles to be lifted out and replaced without substantial loss of adhesive properties. When used with vinyl tile, vinyl plank, and vinyl sheet flooring, Stix 2199 provides a tenacious bond.

**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/technical-data/technical-bulletins/substrate-preparations](http://www.xlbrands.com/technical-data/technical-bulletins/substrate-preparations). If you have questions, contact XL Brands Technical Department at 706-508-5907, Mon-Fri, 8:00 am - 5:00 pm EST, before you begin.

**INSTALLATIONS:** Follow the flooring manufacturer's installation instructions and guidelines regarding adhesive application rate and method. Always roll the installation in both directions with a 75–100 lb., 3-section roller immediately after flooring is placed, ensuring complete contact with adhesive.

**INSTALLING PVC AND NON-PVC CARPET TILE:** Spread the adhesive with an appropriate trowel, and allow to dry completely before placing tiles for a releasable installation. Drying time is approximately 30–60 minutes depending on ambient humidity and temperature. Be sure to install flooring during the working time of the adhesive, up to 6 hours after it dries completely.

## USE CHARACTERISTICS

<b>Substrate Conditions</b>	Approved over bare concrete substrates with up to 99% RH for flooring installed on or above grade (per current ASTM F2170), and pH of 12.0 or less. <b>Limitations:</b> • For sheet vinyl, RH is limited to 90%, and pH of 10.0 or less. • For vinyl PVC modular carpet tile, RH is limited to 95%, and pH of 10.0 or less.
<b>Use With</b>	PVC modular carpet tile, with limitations Non-vinyl-backed modular carpet tile Luxury vinyl tile (LVT) Luxury vinyl plank (LVP) Vinyl sheet, with limitations Vinyl composition tile (VCT) Fiberglass-reinforced sheet vinyl
<b>Indoor Air Quality</b>	Low VOC Low odor VOC content is below that established by California SCAQMD Rule 1168.
<b>Limitations</b>	1. Do not allow product to freeze. 2. Do not use on substrates that have been chemically cleaned or over treated plywood. 3. Do not use to install vinyl-backed flooring over asphalt-based (cutback) adhesive residues. 4. Shelf life is two years from date of manufacture in unopened container. Store indoors at a temperature between 65–95°F.

## TROWEL

Floor Covering	Trowel Recommendation	Coverage
Modular carpet tile, luxury vinyl plank, sheet & tile	1/16" x 1/32" x 1/32" U-notch	220–260 square feet per gallon

IMPORTANT: Use the specified trowel, and replace the trowel blade when worn to ensure proper spread rate.

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

1.6mm x 0.8mm x 0.8mm

**INSTALLING OVER NONPOROUS 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. Be sure to install flooring during the working time of the adhesive, up to 6 hours after it becomes dry to the touch. Do not install flooring into wet adhesive over nonporous substrates.

**INSTALLING OVER POROUS SUBSTRATES:** Vinyl sheet flooring may be placed into adhesive after 10–20 minutes open time (flash-off) over a porous substrate. Be sure to install flooring during the working time of the adhesive, up to 6 hours after flash-off. 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.

**TRAFFIC:** Follow the flooring manufacturers' 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 nonporous substrate. Allow at least five days following the installation before conducting wet-cleaning procedures or initial maintenance.

**CLEANUP:** Use a clean, wet cloth to clean up adhesive while still wet. Dried adhesive may require the use of an appropriate solvent.

**DISCLAIMER:** This adhesive does not protect floor coverings from the effects of pH and moisture. Please follow manufacturer's installation instructions, paying special attention to moisture and pH limitations. Bostik / XL Brands manufactured adhesives are not moisture barriers and should not be installed/treated as such. This adhesive is not a substrate moisture sealer and does not form a protective barrier and is only warranted to maintain an adhesive bond when used over concrete substrates conforming within the specified restrictions of ASTM 2170 in-situ Relative Humidity and pH readings. A functional working moisture barrier/retarder under the existing slab must be in place to use this product. Always follow the flooring manufacturer guidelines for flooring moisture limitations. This product is not for use with moisture sensitive flooring. Bostik is not responsible for the misuse of this product. Always refer to the Safety Data Sheet (SDS) prior to use for proper handling, clean up and spill containment. SDS documents are available 24/7 at [www.xlbrands.com](http://www.xlbrands.com). FOR PROFESSIONAL USE ONLY. NOT LABELED FOR CONSUMER USE. KEEP OUT OF REACH OF CHILDREN. This Technical Data sheet and the information conveyed herein supersede all previous versions. XL Brands, MicroSept, and Stix are registered trademarks of Bostik, Inc.

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