

Stix® 1100



SOLVENT FREE INDOOR/OUTDOOR ADHESIVE

EXCELLENT WATER RESISTANCE WHEN DRY • HIGH BOND STRENGTH

Stix 1100 is the original patented high solids adhesive developed to withstand outdoor environments, as well as demanding indoor applications. **Stix 1100** is a solvent-free, low odor adhesive designed for the permanent installation of rubber backed and urethane backed artificial grass carpet, outdoor unitary latex and marine back carpets, carpet with synthetic secondary backings, cork underlayment and flooring. **Stix 1100** is also recommended for indoor installations of most commercial carpets except for those with vinyl backings. **Stix 1100** is made with MicroSept™ Advanced Antimicrobial System to protect the adhesive from bacteria and fungal growth. **Stix 1100** is CRI™ Green Label Plus approved for indoor air quality, and Cradle to Cradle Certified™ at the Silver level. Cradle to Cradle Certified™ products are evaluated for material health, material reutilization, renewable energy use and carbon management, water stewardship, and social fairness.



SUBSTRATE CONDITIONS

- Use on interior concrete substrates with up to 90% RH (per current ASTM F2170), and pH of 8.0–9.0. When used outdoors, no visible moisture should be present.

USE WITH

Rubber backed carpet
 Urethane backed artificial grass
 Outdoor unitary latex
 Marine backed
 Synthetic secondary backing
 Cork underlayment and flooring
 Most commercial carpets

CERTIFICATIONS

- Cradle to Cradle Certified™ at the SILVER Level
- CRI™ Green Label Plus
- LEED® v4 Credits: MR Credit 2.1, MR Credit 4.1,4.2, and 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
- Not recommended for carpet with vinyl backing
- 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-for-adhesives. If you have questions, contact XL Brands Technical Department at 706-508-5907 Mon-Fri, 8:00am - 5:00pm EST before you begin.

USAGE:

Do not use over treated lumber or plywood or over substrates that have been chemically cleaned.
 Outdoor Installations: Do not use on outdoor installations if rain is expected within 24 hours after the installation, or if the substrate temperature is below 60° F. For outdoor temperatures above 95° F, shading may be required to lower the site and substrate temperature. Higher ambient temperatures will shorten open time. All substrates must be sound, dry and clean.

Indoor Installations: Indoor installation procedures for preparing and testing concrete substrates must comply with the flooring manufacturer's requirements, as well as appropriate CRI 104 guidelines. With permanent HVAC in operation, the floor and room temperature, as well as the flooring materials and adhesive, must be maintained at 65°–85°F and the humidity between 45%- 65% for 48 hours prior to, during, and after the testing and installation. Follow floor-covering manufacturer's installation instructions and proper adhesive application rate. For indoor installations of carpet with permeable backing only.

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.

OPEN TIME:

No open time required for porous substrates; 10–20 minutes for non-porous substrates, depending on site conditions. Open time will vary with changes in temperature and humidity. Lay carpet into adhesive that is still wet enough to ensure 100% transfer to the carpet backing, and roll with a 75–100 lbs. roller. When installing over a nonporous surface, let adhesive become tacky. For cork installations, let adhesive become tacky, dry to the touch before placing tiles.

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. Cradle to Cradle Certified is a certification mark licensed by the Cradle to Cradle Products Innovation Institute. CRI is a registered trademark of The Carpet and Rug Institute. LEED is a trademark owned by the U.S. Green Building Council.

FLOORCOVERING

Cork Underlayment & Flooring
 Smooth back carpets
 Most commercial backings
 Rough back and double stick (carpet to pad)

TROWEL RECOMMENDATION

1/16" x 1/16" x 1/16" Square notch
 3/32" x 3/32" x 3/32" V-notch
 1/8" x 1/8" x 1/16" V-notch
 1/8" x 1/8" x 1/16" U-notch

COVERAGE

18-20 square yards per gallon
 10-15 square yards per gallon
 8-10 square yards per gallon
 5-8 square yards per gallon



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