

Stix® 6010

XL Brands®

WOOD FLOORING ADHESIVE

SELF-CROSSLINKING • NO ISOCYANATES/HEAVY METALS • LOW ODOR



Stix 6010 is formulated with tri-polymer technology for the installation of engineered and acrylic impregnated wood plank as well as approved finished and unfinished solid wood flooring over a variety of substrates including properly-prepared concrete, APA approved underlayment grade plywood, properly prepared sheet vinyl and VCT, and clean, abraded terrazzo. Do not install over perimeter bonded flooring or rubber flooring. Follow the flooring manufacturer's installation guidelines for complete substrate preparation requirements. Closely follow NWFA guidelines when installing solid wood flooring directly to concrete substrates. Use **Stix 6010** for all engineered flooring as well as standard domestic solid plank flooring and approved bamboo.

***For exotic species please use XL Brands Dyna-Stix WDU or Dyna-Stix STP for best results.**

SUBSTRATE CONDITIONS

- Use on concrete substrates, on or above grade with up to 85% RH and pH of 8.0–9.0 per ASTM F2170.
- Use on concrete substrates, on or above grade with up to 90% RH and pH of 8.0–9.0 for **engineered flooring only**.
- Wood substrates should test less than 12% moisture using a wood moisture meter.

USES

- All Engineered flooring
- Solid plank flooring should be 4" or less in width for thicknesses >1/2"–3/4", and 3" or less in width for thickness 1/2" or less.
- The following bamboo types: natural or carbonized bamboo in either vertical or horizontal (3-ply minimum) construction in widths 4" or less.

CERTIFICATIONS

- FloorScore® Certified
- LEED Credits: MR Credit 5, EQ 4, and EQ 4.3 ('zero' calculated VOC)
- Meets requirements of CA Section 01350 for indoor air quality
- CA SCAQMD Rule# 1168 Compliant

LIMITATIONS

- Do not allow product to freeze
- **Stranded or woven bamboo is not approved for use.**
- Never install wood floors unless the heat and air conditioning systems are operating.
- 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. In addition, substrate should be flat within 3/16" over a 10-foot span. Level substrate, fill all cracks, holes and low spots with a polymer-modified Portland cement patch or leveling compound. NOTE: "hollow spots" can occur when wood flooring is installed over an irregular substrate and are an installation issue NOT an adhesive issue. Site conditions must comply with ASTM F710 guidelines. If you have questions, contact XL Brands' Technical Department at 706-508-5907 Mon-Fri, 8:00am - 5:00pm EST before you begin.

SUBSTRATES AND FLOORING TYPES:

- Use on concrete substrates, on or above grade with up to 85% RH and pH of 8.0–9.0 per ASTM F2170 for solids, approved bamboo and engineered flooring.
- Use on concrete substrates, on or above grade with up to 90% RH and pH of 8.0–9.0 for engineered wood with multi-ply or rubberwood cores only.
- Below grade installations are limited to engineered flooring only, with a RH limit of 85%.

INSTALLATION:

1. After referring to the wood manufacturer's layout instructions for expansion space requirements, spread adhesive in a run that is approximately 24" wide or comfortable for your reach. Begin installing wood flooring when adhesive has been spread over a sufficient area. Never spread more adhesive than you can install in 45 minutes. It is recommended the adhesive be applied by trowel in one direction perpendicular to the wood direction.
2. Engineered plank, and solid wood flooring: >1/2"–3/4" thick, up to 4" wide: After spreading the adhesive, allow 10–20 minutes open time before placing flooring, depending on the porosity of the substrate and ambient temperature and humidity. Adhesive applied to concrete substrates with hard finishes, or that are non-porous will require extended open times.
3. Solid wood flooring: 1/2" thick or less, up to 3" wide (and approved bamboo): Allow the adhesive to set for a minimum of 20 minutes or longer depending on the ambient temperature, humidity and slab porosity, until it does not transfer to finger when lightly touched.
4. Working time can be up to 1 hour, under prescribed installation temperature and humidity. Pick up boards periodically to insure adequate adhesive transfer to the boards.

5. After the flooring is placed, roll the entire installation with a 75-100 lbs. smooth roller.
 6. Clean up with a white cloth and soap and water while adhesive is wet. Mineral spirits will remove dried adhesive.
 7. Allow the adhesive to cure for 24 hours before allowing foot traffic and 48 hours before moving heavy furniture. If unfinished boards are installed, allow the adhesive to cure for 72 hours before sanding and finishing.
- Note:** Growth in the width may cause cupping of solid wood floor, which is natural and may occur when moisture at the bottom of the board exceeds the moisture at the top of the board — cupping should not be considered an adhesive or labor defect. This is usually a temporary occurrence that will disappear when the board moisture returns to equilibrium. If all application instructions are followed, cupping will be minimized once the board moisture returns to equilibrium. Following installation instructions will minimize this condition.

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:

To clean up while wet, use soapy water. Dry residues may require the use of a solvent remover.

DISCLAIMER: Users should determine the suitability of this information or product for their own particular purpose or application. The use of an impedance meter is recommended reading no higher than 3.5% per ASTM F2659. The flooring manufacturer's installation instructions always supercede the RH and pH requirements stated in this document. 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 XL Brands, LLC. FloorScore is a registered trademark of The Resilient Floor Covering Institute.

APPLICATION

All engineered plank
 Solid plank >1/2"-3/4" thick, up to 4" wide
 Solid plank, 1/2" thick or less, up to 3" wide

TROWEL RECOMMENDATION

3/16" x 1/4" x 5/16" Flat V- notch
 3/16" x 1/4" x 5/16" Flat V- notch
 3/16" x 1/4" x 1/2" Flat V- notch

COVERAGE

200-240 square feet per 4 gallon pail
 200-240 square feet per 4 gallon pail
 300-340 square feet per 4 gallon pail

3/16" x 1/4" x 5/16"

3/16" x 1/4" x 1/2"

IMPORTANT: Only the above specified trowels and application methods are to be used with this adhesive; otherwise, the product performance warranties and liabilities will be made void.

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