



STIX[®]

WATERBORNE BONDING PRIMER

SXA-110

Features

- Strongly Bonds to Glossy Surfaces
- Unparalleled Adhesion to the Most Challenging Surfaces.
- Excellent Holdout
- Low Odor
- Soap & Water Clean-up
- Cures as low as 35 °F (1.7 °C)

Recommended For

Interior and Exterior surfaces. Drywall, Plaster, Ceiling, Acoustical Tile, Wood Trim & Doors, Formica, Ceramic Tiles, Glossy Surfaces, PVC Plastic, Masonry Walls, Wood, Trim, Shutters, Masonry, Stucco, Concrete, Cement Block, Galvanized Metal, Aluminum, etc.

General Description

Stix[®] Waterborne Bonding Primer is a premium quality, waterborne, acrylic urethane primer/sealer with unparalleled adhesion to the most challenging surfaces, including PVC, Vinyl, Plastic, Glass, Tile, Glazed Block, Glossy Paints, Pre-Coated Siding, Fiberglass, and Galvanized Metals. Stix is also ideal for use on plaster, drywall, wood, and non-ferrous metals, where a low ambient or surface temperature would present a problem for conventional primers. Offers an extremely hard film when cured. Use it on interior and exterior surfaces and topcoat with almost any type of coating including Alkyd, Acrylic Latex, Urethane, Epoxy, and Lacquer Finishes. Stix levels to a smooth surface and cleans up with soap and water.

Limitations

- Apply when air and surface temperatures are above 35 °F
- Do not apply in direct sunlight or on a hot surface. Avoid rain, moisture or high humidity for the first 24 hours of curing
- Not intended for immersion service or continuous water contact. Not for below grade applications
- Not recommended for use over polyethylene or polypropylene. Stix[®] must be top coated for exterior use
- Not recommended over Kynar[®] (and similar finishes) unless tested and approved by the buyer
- Not recommended as a whole house exterior primer over wood

Product Information																																																																									
<p>Colors — Standard: SXA-110, White</p> <p>— Tint Bases: N/A Can be Tinted With a Maximum of 2 oz. Universal Colorant per gallon</p> <p>— Special Colors: Contact your dealer.</p> <p>Certifications & Qualifications: All products supported by this data sheet contain a maximum of 100 grams per liter VOC/VOS (.83 lbs. /gal.) excluding water & exempt solvents. Qualifies for LEED[®] v4 Credit Qualifies for CHPS low emitting credit (Collaborative for High Performance Schools) CDPH v1 Emission Certified</p> <p>Technical Assistance: Available through your local authorized independent Insl-x dealer. For the location of the dealer nearest you, call 1-866-708-9180 or see www.insl-x.com</p>	<table border="1"> <thead> <tr> <th colspan="2">Technical Data[◇]</th> <th>White</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td colspan="2">Urethane Modified Acrylic</td> </tr> <tr> <td>Pigment Type</td> <td colspan="2">Titanium Dioxide</td> </tr> <tr> <td>Volume Solids</td> <td colspan="2">40.0 ± 1.0%</td> </tr> <tr> <td>Coverage per Gallon at Recommended Film Thickness</td> <td colspan="2">300 – 400 Sq. Ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet</td> <td>4.0 - 5.5 mils</td> </tr> <tr> <td></td> <td>– Dry</td> <td>1.6 - 2.2 mils</td> </tr> <tr> <td colspan="3">Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.</td> </tr> <tr> <td>Dry Time @ 77 °F (25 °C) @ 50% RH</td> <td>– Tack Free</td> <td>30 Minutes</td> </tr> <tr> <td></td> <td>– To Recoat</td> <td>3 – 4 Hours</td> </tr> <tr> <td></td> <td>– Full Cure</td> <td>3 – 4 Days</td> </tr> <tr> <td colspan="3">High humidity and cool temperatures will result in longer dry, recoat and service times.</td> </tr> <tr> <td>Dries By</td> <td colspan="2">Coalescence</td> </tr> <tr> <td>Viscosity</td> <td colspan="2">70 – 80 KU</td> </tr> <tr> <td>Flash Point</td> <td colspan="2">200° F or greater (TT-P-141, Method 4293)</td> </tr> <tr> <td>Gloss / Sheen</td> <td colspan="2">Flat</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>35 °F</td> </tr> <tr> <td></td> <td>– Max.</td> <td>90 °F</td> </tr> <tr> <td>Thin With</td> <td colspan="2">Do not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td colspan="2">Warm, Soapy Water</td> </tr> <tr> <td>Weight Per Gallon</td> <td colspan="2">11.0 lbs.</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min.</td> <td>45 °F</td> </tr> <tr> <td></td> <td>– Max.</td> <td>95 °F</td> </tr> <tr> <td colspan="3">Volatile Organic Compounds (VOC) 87.6 grams/liter .73 lbs./gallon</td> </tr> </tbody> </table>	Technical Data [◇]		White	Vehicle Type	Urethane Modified Acrylic		Pigment Type	Titanium Dioxide		Volume Solids	40.0 ± 1.0%		Coverage per Gallon at Recommended Film Thickness	300 – 400 Sq. Ft.		Recommended Film Thickness	– Wet	4.0 - 5.5 mils		– Dry	1.6 - 2.2 mils	Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.			Dry Time @ 77 °F (25 °C) @ 50% RH	– Tack Free	30 Minutes		– To Recoat	3 – 4 Hours		– Full Cure	3 – 4 Days	High humidity and cool temperatures will result in longer dry, recoat and service times.			Dries By	Coalescence		Viscosity	70 – 80 KU		Flash Point	200° F or greater (TT-P-141, Method 4293)		Gloss / Sheen	Flat		Surface Temperature at Application	– Min.	35 °F		– Max.	90 °F	Thin With	Do not Thin		Clean Up Thinner	Warm, Soapy Water		Weight Per Gallon	11.0 lbs.		Storage Temperature	– Min.	45 °F		– Max.	95 °F	Volatile Organic Compounds (VOC) 87.6 grams/liter .73 lbs./gallon		
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◇ Reported values are for White. Contact dealer for values of other bases or colors.

Surface Preparation

General – All surface areas to be painted should be clean, dry, sound and free of all dirt, grease, oils, waxes, mildew and any other surface contaminants that can cause paint failure. Dirt and chalk should be thoroughly removed by scrubbing with warm soapy water. Surface wax should be removed with a commercial wax stripper. Grease residue should be removed with a grease and oil emulsifier. Remove all loose chipping, cracking and peeling from previously painted surfaces by hand scraping, sanding, wire brushing and/or by use of power tool cleaning methods such as electric sanders, grinders, etc. Remove any loose rust, mill scale, rust deposits from metal surfaces by hand or power tool cleaning according to SSPC Standards. Repair/replace any seriously damaged and/or delaminated surface areas. Use over most glossy surfaces without sanding.

Mildew – Surface areas affected by mildew should be thoroughly hand scrubbed with a soft to medium bristle scrub brush and a solution of one cup Tri-Sodium Phosphate or a nonammoniated detergent cleaner mixed with one-part household bleach* and three parts warm water, per gallon solution. Allow solution to stand on the affected surface areas for approximately 10 – 20 minutes, then rinse thoroughly with clean water and allow 24 – 48 hours to dry.

*Follow bleach manufacturer's instructions for safe handling and use of bleach solution.

SPECIAL NOTE ON SURFACE PREPARATION:

Glossy Surfaces – Although Stix® is formulated to be applied to hard to coat surfaces without the need for sanding, it is recommended that proper surface preparation still be completed to enhance adhesion properties. Surfaces such as Formica, ceramic tile and glossy painted surfaces should be properly deglossed. Once applied, allow Stix® to cure for approximately 3 to 4 days to achieve maximum resistance to scrape off. However, Stix® may be topcoated with a quality latex or oil-based finish within 1 to 2 hours, depending on overall drying conditions.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead

Application

Stix® may be applied by brush, roller, pad applicator, or airless spray. Use a high quality nylon brush or a ¼" – ½" synthetic nap roller cover. Do not thin. Do not apply when surface, air, or product temperature is below 35 °F. Do not paint in direct sun or on a hot surface. If possible, plan your painting to avoid rain, moisture, or high humidity for the first 24 hours of curing. Stop application a minimum of two hours before rain or dew is expected. Do not paint if surface temperature is within 5 °F of the dew point.

When top coating with two component paints, allow 24 hours dry time before painting. Always test questionable substrates such as plastics, composites, Kynars, and polyester surfaces by applying a small area for adhesion and top-coat compatibility before proceeding with the entire job.

Airless Spray: Tip range between .013 and .017. Total fluid output pressure at the tip should not be less than 2200 PSI. Preferred pressure is 2500 PSI.

Clean Up

Clean brushes, rollers and other equipment with warm, soapy water immediately after use. If dry, clean with lacquer thinner.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry empty containers may be recycled in a can recycling program. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.**

Environmental Health & Safety Information

Cancer Hazard. Contains Crystalline Silica which can cause cancer when in respirable form (spray mist or sanding dust).

Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

IN CASE OF SPILL – Absorb with inert material and dispose of as specified under "Clean Up".

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

**Refer to Safety Data Sheet for
additional health and safety information.**