



TAB #10
Stix®
Waterborne Bonding Primer
SXA-110
Rev. 03/09

Stix® Waterborne Bonding Primer SXA-110

Type	Sheen	Theoretical Spread Rate	Recommended Application	Thinner	Clean Up
Acrylic Urethane	Flat	300 - 400 Sq. Ft. Per Gallon*	Brush, Roller or Spray	Clean Water	Warm Soapy Water
Dry Time:		Tack Free: 30 Min.	Recoat: 3 – 4 Hrs.	Full Cure: 7 Days	

PRODUCT NAME: SXA-110 Stix® Waterborne Bonding Primer	<p>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. It cures in temperatures as low as 35°F and 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® is a low VOC primer, which levels to a smooth surface and cleans up with soap and water.</p> <p>Not intended for immersion service or continuous water contact. Not for below grade applications. Not recommended for use over polyethylene, polypropylene or Kynar. Stix® must be top coated for exterior use. Use as a spot primer only on exterior wood. On bare cedar or redwood, use a tannin blocking primer.</p>	
WHERE TO USE:	Interior & Exterior	Drywall, Plaster, Ceiling, Acoustical Tile, Wood Trim & Doors, Formica, Ceramic Tiles, Glossy Surfaces, PVC Plastic, Masonry Walls, Wood Siding, Cedar & Redwood, Wood Fences, Trim, Shutters, Masonry, Stucco, Concrete, Cement Block, Galvanized Metal, Aluminum, Vinyl Siding, etc.
SURFACE PREPARATION:	<p>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 INSL-X® Citri-Clean. 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 the same methods described above in accordance with SSPC – (Steel Structures Painting Council) specifications for the proper surface preparation of metal surfaces. Repair/replace any seriously damaged and/or delaminated surface areas. Lightly feather sand all rough paint edges to adjacent surface area. All glossy surface areas should be lightly sanded to effectively dull any existing sheen and create a more suitable surface for painting.</p> <p>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 non-ammoniated 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.</p>	

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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
*NOTE ON SPREAD RATE:	Actual spread rate will vary based upon numerous factors, including texture of the substrate, application method, waste, surface porosity and thinning. The Theoretical Spread Rate listed on this document has not taken into account these factors and is only based upon the volume solids of this product and the recommended wet film thickness when applied to a smooth substrate.
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.
RESIN TYPE:	Acrylic Urethane
SOLIDS:	Weight – 55.0 ± 1.0% Volume – 40.0 ± 1.0%
WEIGHT PER GALLON:	11.0 lbs.
VISCOSITY:	70 – 80 KU (Krebs Units)
FLASH POINT:	200° F or greater (TT-P-141, Method 4293)
SPECULAR GLOSS:	5 – 10 units @ 60 degrees
SAG RATING:	N/A
REC. FILM THICKNESS:	Wet: 4.0 to 5.3 mils Dry: 1.6 to 2.1 mils
CAUTIONS:	CAUTION Use only with adequate ventilation. Contains Glycol Ether. Ensure fresh air during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. First Aid: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced get medical attention immediately. If swallowed, get medical attention immediately. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Obtain and read the MSDS prior to using this product. KEEP OUT OF REACH OF CHILDREN
VOC/VOS STATEMENT:	This product contains a maximum of 150 grams VOC/VOS per liter of coating. (1.25 pounds per gallon).
OTC CATEGORY:	This product is compliant under the Ozone Transport Commission regulations as a Specialty Primer/Sealer/Undercoater in all container sizes.