



STIX®

WATERBORNE BONDING PRIMER SXA-110

Features

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

Recommended For

Interior and Exterior surfaces. Drywall, Plaster, Ceiling, Acoustical Tile, Wood Trim & Doors, Formica, Ceramic Tiles, Glossy Surfaces, PVC, Most Plastics, 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, Most Plastics, 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, surface and product temperature are above 1.7 °C (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		Technical data for white	
Standard Colours	SXA-110, White	Vehicle Type	Urethane Modified Acrylic
Tint Bases	NA	Pigment Type	Titanium Dioxide
Colorant System	Up to 60 mL of universal colorants	Volume Solids	40 ± 2%
Certifications & Qualifications: VOC compliant in all regulated areas Qualifies for LEED® v4 Credit Qualifies for CHPS low emitting credit (Collaborative for High Performance Schools) CDPH v1 Emission Certified		Coverage per 3.79 L at	37.2 – 41.8 sq. m.
Technical Assistance Available in the UK through Benjamin Moore UK showrooms and Authorized Stockists. See www.benjaminmoorepaint.co.uk/stores for contact information. Benjamin Moore corporate customer service +1 855-724-6802 or info@benjaminmoore.com		Recommended Film Thickness	(300 – 400 sq. ft.)
		Recommended Film Thickness	– Wet 101.6 – 134.6 µm (4.0 – 5.3 mils)
		Recommended Film Thickness	– Dry 40.6 – 53.3 µm (1.6 – 2.1 mils)
		Dry Time @ 25 °C	– To Touch 30 Minutes
		(77 °F) @ 50 % RH	– To Recoat 3 – 4 Hours
		High humidity and cool temperatures will result in longer dry, recoat and service times.	
		Dries By	Coalescence
		Viscosity	93 ± 5 KU
		Flash Point	93.2 °C (200 °F) or greater (TT-P-141, Method 4293)
		Gloss / Sheen	Flat
		Surface Temperature at Application	– Min. 1.7 °C (35 °F) – Max. 32.2 °C (90 °F)
		Thin With	Do Not Thin
		Clean Up Thinner	Clean Water
		Weight Per 3.79 L	5.0 kg (11.0 lbs.)
		Storage Temperature	– Min. 4.4 °C (40 °F) – Max. 32.2 °C (90 °F)
		Volatile Organic Compounds (VOC) EU Limit for this product is (Cat. A/g) 30 g/L MAX VOC 23 g/L	

Surface Preparation

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 237 ml Tri-Sodium Phosphate or a non-ammoniated detergent cleaner mixed with one part household bleach* and three parts warm water per 3.79 L 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 de-glossed. Once applied, allow Stix® to cure for approximately 3 to 4 days to achieve maximum resistance to scrape off. However, Stix® may be top-coated with a quality latex or oil-based finish within 3 to 4 hours, depending on overall drying conditions.

Application

Stix® may be applied by brush, roller, pad applicator, or airless spray. Use a high quality nylon brush or a 6.4 mm – 12.7 mm (¼" – ½") synthetic nap roller cover. Do not thin. Do not apply when surface, air, or product temperature is below 1.7 °C (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 degrees 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 topcoat 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

Wash painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting. If the material has started to dry, clean with lacquer thinner.

Hazard statements

H412 - Harmful to aquatic life with long lasting effects. EUH208 - Contains (2-Methyl-4-isothiazolin-3-one). May produce an allergic reaction. EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. EUH210 - Safety data sheet available on request

Precautionary Statements - EU (§28, 1272/2008)

P273 - Avoid release to the environment. P501 - Dispose of contents/container to industrial incineration plant.

PROTECT FROM FREEZING