Extreme Bond™
Interior/Exterior Bonding Primer
B51W01150 (US) B51WQ1150 (Canada)

CHARACTERISTICS
Extreme Bond Primer is a high quality, waterborne, urethane modified acrylic primer. Designed for coating hard, slick, glossy surfaces with minimal surface preparation. Because of the exceptional adhesion of this product, sanding may not be necessary for most clean, paintable surfaces.

Features:
• Promotes adhesion on hard to paint surfaces
• Tightly bonds to slick and glossy surfaces
• Assures uniform appearance of topcoats
• One coat application
• Fast dry
• Universal, will accept Hi-Performance coatings such as epoxies and urethanes
• Assures adhesion of the topcoat to slick, glossy surfaces

For use on these surfaces:
• PVC Piping • Plastics • Glass • Wall Laminates
• Glossy Surfaces • Aluminum • Kitchen Cabinets
• Fiberglass • Varnished Woodwork • Glazed Block
• Ceramic Wall Tile • Previously Painted
• Fluoropolymer Coatings

Color: White
Coverage: 450-500 sq.ft./gallon
Weight Solids: 47 ± 2%
Volume Solids: 52 ± 2%
Weight per Gallon: 10.75 lbs
Flash Point: N.A.
Vehicle Type: Urethane modified acrylic

COMPLIANCE
As of 01/08/2020, Complies with:
• OTC
• OTC Phase II
• SCAQMD
• CARB
• CARB SCM 2007
• Canada
• LEED® v4 & v4.1 Emissions
• LEED® v4 & v4.1 V.O.C.
• EPD-NSF® Certified
• MPI®

APPLICATION
When the air temperature is at 35°F (1.7°C) substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F (1.7°C) and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours. Air and surface temperatures must not drop below 35°F (1.7°C) for 48 hours after application.

Do not reduce.
Brush:
Use a nylon/polyester brush.
Roller:
Use a 3/8 inch nap soft woven roller cover.

Spray—Airless:
Pressure: 2000 p.s.i.
Tip: .015-.021 inch

APPLICATION TIPS
When spot priming on some surfaces, a non-uniform appearance of the final coat may result, due to differences in holdout between primed and unprimed areas. To avoid this, prime the entire surface rather than spot priming. See Exterior Use if priming pre-finished metal surfaces.

Must be topcoated within 14 days with oil/alkyd, latex, epoxy, urethane, and lacquer topcoats.

EXTERIOR USE: When priming larger exterior pre-finished metal surfaces where exterior maximum adhesion is needed, use DTM Bonding Primer.

SPECIFICATIONS

1 coat Extreme Bond™
2 coats Appropriate topcoat

Recommended Architectural Topcoats:
All Surface Enamels
A-100 Exterior Latex*
Duration Exterior® & Duration Home Interior
Emerald Exterior® & Interior
Emerald Urethane Trim Enamel
SuperPaint Exterior® & Interior
ProClassic Interior Enamels
ProMar Interior

Recommended Industrial Topcoats:
Acrolon 218
Macropoxy 646
Pro Industrial Pre-Cat Epoxy
Pro Industrial Pre-Cat Urethane
Pro Industrial Waterbased Catalyzed Epoxy
Steel Master 9500

* For a complete primer outside, use Exterior Latex Wood Primer or Exterior Oil-Based Wood Primer.

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**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazards associated with removal of paint requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Recognize that any surface preparation short of total removal of the old coating may compromise the service life of the system.

**Do not use** hydrocarbon containing solvents such as mineral spirits. When cleaning the surface use only a water-based emulsifying detergent.

**Testing:**

On hard, slick, glossy, or otherwise hard to paint surfaces, after preparing the surface, apply a test area of this primer, allow to dry properly and test for adhesion. Because of the exceptional adhesion of this product, sanding may not be necessary for most clean, paintable surfaces.

Sanding or dulling with an abrasive cleaner is recommended on glossy, extremely hard surfaces for maximum adhesion.

Stains from heavy water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer.

Due to the wide variety of substrates, surface preparation methods, application methods, and environments, one should test the complete system for adhesion, compatibility and performance prior to full scale application.

**Aluminum and Galvanized Steel:**

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, wire brush, or other abrading methods.

**Plastic/Vinyl/IVFC/Fiberglass/ Formica:**

After removing all surface contamination, the surface should be scuff sanded or scrubbed with an abrasive cleaner to dull the surface for best adhesion.

**Plastic:** Due to the diverse nature of plastic substrates, a coating or coating system must be tested for acceptable adhesion to the substrate prior to use in production. Reground and recycled plastics along with various fire retardants, flowing agents, mold release agents, and foaming/blowing agents will affect coating adhesion. Please consult your Sherwin-Williams Representative for system recommendations.

**CERAMIC TILE/ GLAZED BLOCK AND BRICK/ PORCELAIN:**

After removing all surface contamination, the surface should be scuff sanded or scrubbed with an abrasive cleaner to dull the surface for best adhesion.

**Tile:** Tile, laminate, ceramic and plastic tiles, and similar glossy surfaces, must be free of all oil, grease, and soap residue.

**Glass:** Apply Extreme Bond directly to glass that has been thoroughly cleaned.

**CAUTION:** Any opaque coating will block light, which then causes an increase in the surface temperature of the glass. Dark colors will get hotter than light colors. In lightly fitted glass, any increase in the temperature of the glass will cause some expansion of the glass, which may cause it to shatter.

**Mildew:**

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised. Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/ water solution.

**CAUTIONS**

Protect from freezing. Non-photochemically reactive.

Do not use this product in areas subject to excessive water, e.g., in showers, around sinks, or on tubs.

Not for use on floors.

For large exterior pre-finished metal surfaces such as siding, use DTM Bonding Primer.

Do not use on large surfaces of exterior wood.

Does not adhere to polypropylene, polyethylene, or thermoplastic polyolefins.

Before using, carefully read CAUTIONS on label

**CRYSTALLINE SILICA:** Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrasing the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer’s directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately.

**DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT INERNALLY. KEEP OUT OF THE RANGE OF CHILDREN.

**CLEANUP INFORMATION**

Clean spills, spatters, hands and tools with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer’s safety recommendations when using solvents.