



**SHERWIN  
WILLIAMS.**



108.51

# EXTREME BOND™ Interior/Exterior Bonding Primer

B51W00150 (US)  
B51WQ0150 (Canada)

As of 12/08/2016, Complies with:			
OTC	Yes	LEED® 09 NC, CI	Yes
OTC Phase II	Yes	LEED® 09 CS	Yes
SCAQMD	Yes	LEED® 09 H & S	Yes
CARB	Yes	LEED® v4 Emissions	Yes
CARB SCM 2007	Yes	LEED® v4 VOC	Yes
Canada	Yes	MPI	Yes

## CHARACTERISTICS

**Extreme Bond Primer** is a high quality, waterborne, 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.

- 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

### **Interior & Exterior for use on these surfaces:**

- PVC Piping
- Plastics
- Glass
- Wall Laminate
- Glossy Surfaces
- Aluminum
- Kitchen Cabinets
- Fiberglass
- Varnished Woodwork
- Ceramic Wall Tile
- Previously Painted Surfaces
- Glazed Block
- Fluoropolymer coatings

### **EXTERIOR USE**

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

## CHARACTERISTICS

**Color:** White Base

**Coverage:** 450-500 sq ft/gal (11.04-12.27 m<sup>2</sup>/L)  
@ 3.1 mils wet; .9 mils dry

**Drying Time, @ 77°F(25°C), 50% RH:**  
Drying and recoat times are temperature, humidity and film thickness dependent.

**Touch:** 30 minutes

**Recoat:** as a primer 1 hour

as a stain sealer: 4 hours

with a Hi-Performance Finish 24 hours

**Flash Point:** N/A

**Finish:** 0-5 units @ 60°

**Tinting with CCE only:**

**Base oz/gal Strength**

White 0 - 2 Sher-Color

**Vehicle Type:** Acrylic

### **B51W00150**

**VOC (less exempt solvents):**

<50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

**Volume Solids:** 30 ± 2%

**Weight Solids:** 47 ± 2%

**Weight per Gallon:** 10.93 lb (4.96 kg)

### **Tinting**

May be tinted with no more than 2 oz. of ColorCast Ecotoner® per gallon. Do not exceed 2 ounces per gallon of total colorant. Check color before use. For best topcoat color development, use the recommended "P"-shade primer.

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.

## 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 hazardous substances 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. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**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.



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### SURFACE PREPARATION

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**

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

#### **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 tightly fitted glass, any increase in the temperature of the glass will cause some expansion of the glass, which may cause it to shatter.

#### **Plastic/Vinyl/PVC/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.

### SURFACE PREPARATION

#### **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.

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

### 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 for stain blocking.**

No reduction necessary.

**Brush** - Use a nylon/polyester brush.

**Roller** - Use a 3/8" nap soft woven roller cover.

#### **Spray—Airless**

Pressure..... 2000 psi

Tip..... .015"-.021"

### 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.

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SP, FRC

### 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.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit [www.paintdocs.com](http://www.paintdocs.com) to obtain the most current version of the PDS and/or an SDS.