



**SHERWIN  
WILLIAMS®**

As of 05/01/09, Complies with:			
OTC	Yes	LEED® Clv2.0	Yes
SCAQMD	Yes	LEED® NCv2.2	Yes
CARB	Yes	LEED® CSv2.0	Yes
MPI Spec #	17	LEED® H	Yes
NAHB	Yes		

# ADHESION PRIMER

## INTERIOR/EXTERIOR LATEX

### B51W8050

PREVIOUSLY PREPRITE® BONDING PRIMER

#### PROMOTES ADHESION ON HARD-TO-PAINT SURFACES

- Tightly bonds to slick and glossy surfaces
- Dries quickly to a smooth, even finish

#### 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
- Copper
- Glazed Block

**Adhesion Primer** is a high quality, water-borne, 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. Sanding or dulling with an abrasive cleaner is recommended on glossy, hard surfaces for maximum adhesion.

#### EXTERIOR USE

Adhesion Primer is recommended for adhesion promotion on small exterior architectural projects and details.

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

DTM Bonding Primer is recommended for siding, Butler™ Buildings, and Kynar™.

#### CHARACTERISTICS

**Color:** White  
**Coverage:** 350 - 400 sq ft/gal  
 @ 4 mils wet; 1.7 mils dry

#### **Drying Time, @ 77°F, 50% RH:**

Drying and recoat times are temperature, humidity and film thickness dependent.

**Touch:** 40 minutes  
**Recoat:** 4 hours

**Finish:** Flat  
**Flash Point:** N/A

**Tinting** - For best color development, use the recommended "P"-shade primer. If desired, up to 4 oz per gallon of Blend-A-Color Toner can be used to approximate the topcoat color. Check color before use.

**Vehicle Type:** Acrylic  
**B51W08050**

**VOC:** 42 g/L; 0.35 lb/gal

**Volume Solids:** 43% ± 2%

**Weight Solids:** 57% ± 2%

**Weight per Gallon:** 11.1 lb

Must be topcoated within 14 days with oil/alkyd, latex, epoxy, urethane, and lacquer topcoats or wallcovering. Apply wallcovering after 24 hours drying.

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.

#### 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.

**Always check for compatibility and adhesion to the surface by applying a test patch of 2 - 3 square feet of Adhesion Primer. Allow to dry thoroughly for 1 week before checking adhesion.**

**Adhesion Primer is extremely sensitive to hydrocarbon containing solvents such as mineral spirits. When cleaning the surface use only a water-based emulsifying detergent.**

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.

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, hard surfaces for maximum adhesion. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer.

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# ADHESION PRIMER

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**SHERWIN WILLIAMS**

#### SURFACE PREPARATION

##### **Aluminum, Copper, and Galvanized**

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, steel wool, or other abrading method.

##### **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.

##### **Glass**

Apply **Adhesion Primer** 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.

##### **Mildew**

Remove 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.

#### APPLICATION

Apply at temperatures above 50°F

No reduction necessary

##### **Brush**

Use a nylon/polyester brush

##### **Roller**

Use a 1/4" - 3/4" synthetic cover

##### **Spray—Airless**

Pressure ..... 2400 psi

Tip ..... .017" - .019"

#### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

#### CAUTIONS

Not for use on floors.

Do not use this product in areas frequently subjected to water, e.g.: in showers, on countertops, etc.

For large exterior surfaces such as siding, use DTM Bonding Primer.

Do not use on wood due to problems with flexibility.

##### LABEL CAUTIONS

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 abrading 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 TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. HOTW 05/13/2009 B51W08050 09 00

CAUTIONS

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 to obtain the most recent Product Data Sheet.