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PREPRITE®

BONDING PRIMER

INTERIOR/EXTERIOR ADHESION PROMOTING PRIMER

B51W50

CHARACTERISTICS

PrepRite Bonding Primer Adhesion Promoting 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. Sanding or dulling with an abrasive cleaner is recommended on glossy, hard surfaces for maximum adhesion.

PrepRite Bonding Primer can be top-coated with oil/alkyd, latex, epoxy, urethane, and lacquer topcoats.

This can be used on most interior surfaces as well as many small, exterior, architectural details such as hard, glossy, prefinished doors or shutters.

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

Drying Time, @ 77°F, 50% RH:
temperature and humidity dependent
Touch: 40 minutes
Recoat: 4 hours

Finish: Flat
Flash Point: N/A

Tinting - For better hiding of deeper colors, use up to 2 oz per gallon of Blend-A-Color Toner to approximate the topcoat color. Check color before use.

Vehicle Type: Acrylic
B51W50

VOC: 41 g/L; 0.34 lb/gal
Volume Solids: 42% ± 2%
Weight Solids: 57% ± 2%
Weight per Gallon: 11.1 lb

APPLICATION

Apply at temperatures above 50°F
No reduction necessary

Brush

Use a nylon/polyester brush

Roller

Use a 3/8" - 3/4" synthetic roller cover

Spray—Airless

Pressure 2400 psi

Tip017" - .019"

Use on these surfaces:

- Old, glossy paint
- Galvanized Metal
- Aluminum
- Steel (for repaint)
- Copper
- Drywall (previously painted)
- Tile
- Glass
- Glazed Block
- Porcelain
- Formica
- PVC
- Fiberglass
- Ceramic Tile
- Vinyl
- Plastic
- Masonry (previously painted)
- Concrete (previously painted)

EXTERIOR USE

PrepRite Bonding 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™.

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.

PrepRite Bonding Primer Exterior/Interior Adhesion Promoting Primer is extremely sensitive to hydrocarbon containing solvents such as mineral spirits. When cleaning the surface use only an emulsifying detergent such as ProClean Prep Wash Concentrated Cleaner.

Remove all surface contamination by washing with ProClean™ Prep Wash Concentrated Cleaner or other appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. 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 PrepRite ProBlock Primer Sealer.

Aluminum, Copper, and Galvanized
Wash with a ProClean Prep Wash Concentrated Cleaner to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, steel wool, or other abrading method.

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SURFACE PREPARATION

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 PrepRite Bonding 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.

Steel

Rust and mill scale must be removed using sandpaper, steel wool, or other abrading method. Bare steel must be primed the same day as cleaned with a rust-inhibiting primer. PrepRite Bonding Primer does not contain any rust inhibitors, do not use on bare steel.

Mildew

Remove before painting by washing with ProClean™ Mildew Eliminator or 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.

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturers 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

CAUTION contains CRYSTALLINE SILICA and ZINC. 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.**

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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.