



**BU-Series**  
**Weather-Plate**  
**Exterior 100% Acrylic Latex Primer**

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## Product Data Sheet

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### PRODUCT DESCRIPTION

Weather-Plate Primer is a high quality 100% acrylic exterior latex primer with outstanding adhesion to a variety of surfaces. It exhibits excellent flexibility when used on surfaces which expand and contract with weather condition changes.

### TYPICAL USES

Weather Plate Primer is formulated for use as an exterior primer coat on residential or commercial bare or previously painted wood, exterior gypsum board, hardboard, aluminum, vinyl siding, cement siding and masonry surfaces. Ideal for use on siding, trim, doors and foundations.

### BASES & COLORS (tintable with ACS colorant)

BU-1510 White 0-4 oz/gal

BU-1512 Deep Base 4-10 oz/gal

With the addition of ACS colorant, both can be shaded to approximate the color of the finish coat.

### PHYSICAL PROPERTIES (BU-1510)

Resin Type 100% Acrylic Latex

Clean-up Solvent Water

Finish 5 – 10 @ 85°

Solids by Weight 49 %

Solids by Volume 34 %

Recommended Dry Film Thickness per Coat 1.5 – 2 mils

Wet Film to Achieve DFT 4.5 – 6 mils

Theoretical Coverage @ 1 mil 543 ft<sup>2</sup>/gallon

Practical Coverage at Recommended DFT<sup>1</sup> 272 – 362 ft<sup>2</sup>/gallon

Dry Times<sup>2</sup>  
@ 70° F (21° C) Touch ½ to 2 hours  
and 50% R.H. Recoat 2 to 4 hours

VOC's 150 - 155 grams/liter

<sup>1</sup> Spread rates are estimates based on products volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, surface porosity and texture.

<sup>2</sup> Dry times may vary depending upon temperature, humidity and degree of air movement.

### SPECIFICATIONS

#### Galvanized and Aluminum Metal

1 ct BU-Series Weather-Plate Primer

2 cts B-Series Exterior Latex Finish

#### Exterior Wood

1 ct BU-Series Weather-Plate Primer

2 cts B-Series Exterior Latex Finish

#### Aluminum

1 ct BU-Series Weather-Plate Primer

2 cts B-Series Exterior Latex Finish

#### Block (smooth)

Smooth

1 ct BU-Series Weather-Plate Primer

2 cts B-Series Exterior Latex Finish

#### Poured Concrete

1 ct BU-Series Weather-Plate Primer

2 cts B-Series Exterior Latex Finish

#### Cement Siding

1 ct BU-Series Weather-Plate Primer

2 cts B-Series Exterior Latex Finish

#### Vinyl Siding

1 ct BU-Series Weather-Plate Primer

2 cts B-Series Exterior Latex Finish

This product meets or exceeds Master Painters Institute (MPI) # 6 approval standard.

For more detailed recommendations, please contact your local Diamond Vogel Sales Representative.

**SURFACE PREPARATION**

All surfaces must be cured, clean, sound, dry and free of all dirt, dust, efflorescence, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. **Bare surfaces must be properly prepared prior to application of this product.**

**Masonry Surfaces-Poured Concrete, Concrete Block:** New concrete and mortar should cure for a *minimum* of 30 days at 72° F (22° C) prior to coating application. Level all surface projections and mortar spatters by stoning. Rake mortar joints clean and remove all soluble salts.

**Wood Surfaces:** Patch nail holes, cracks and imperfections with exterior spackling compound. Sand and wipe clean. Woods subject to tannin bleeding should be primed with a stain blocking primer.

**New Galvanized/Aluminum Metal Surfaces:** Solvent wipe to remove surface contamination, then use an etching solution or abrade the surface by sanding.

**Weathered Galvanized/Aluminum Surfaces:** Power or hand wash with detergent and rinse thoroughly. The surface must be dull and slightly rough; use an etching solution or sand if needed.

**Vinyl Surfaces:** Power or hand wash with detergent and rinse thoroughly. All chalk residue must be removed from the surface.

**Cement Board:** Be sure surface is clean and free of all contaminants.

**Previously Painted Surfaces**

- Power or hand washing is recommended to remove contamination. If oil or grease is present, use of a cleaner/degreaser is required. All cleaning residue must be completely rinsed from the surface. Allow to dry.
- Remove all loose coatings, deteriorated wood fibres and corrosion by scraping, sanding or other abrading method. Dull glossy, slick and/or non-porous surfaces with sandpaper.
- Patch and fill areas as needed. Spot prime bare areas with appropriate primer.

**Mildew**

Remove by using a solution of one (1) part household bleach and three (3) parts water. Apply to mildewed area and scrub. Allow solution to remain on the surface for 3 to 5 minutes then rinse completely and allow to dry before coating application. Do not add detergents or ammonia to the bleach/water solution.

**APPLICATION**

- Stir material prior to application. Intermix tinted containers to ensure color uniformity of all material.
- Equipment must be clean prior to start. Flush airless lines with mineral spirits.
- Apply by brush, roller or spray. A good quality synthetic brush will make application easier. Select a roller cover suited for the texture of the surface to be coated. Airless tip sizes of .015 to .017 are recommended.
- Apply the product in full even coats and maintain a wet edge.
- Do not thin

**ENVIRONMENTAL VARIABLES**

Protect product from freezing prior to and during application. Minimum surface and air temperature required for application is 50° F (10° C) and at least 5° F (3° C) above the dew point. Curing is affected by temperature, humidity and air movement. The minimums must be maintained for at least eight (8) hours in order to achieve proper film formation. Application at elevated temperatures, wind conditions, and/or low humidity may require special application procedures to achieve proper film formation.

**CLEAN-UP**

Clean up spills 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.

**CAUTIONS**

For exterior use only  
Do not apply below 50° F  
Not intended for use on floors  
Do not take internally  
Use with adequate ventilation  
**KEEP OUT OF REACH OF CHILDREN**

\*WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the national Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**Limited Warranty**

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Diamond Vogel Paints does not control the application of its products, or the condition of the surfaces to which they are applied, Diamond Vogel Paint's liability will under no circumstances exceed replacement of the product.