

## Product Data Sheet

### PRODUCT DESCRIPTION

Vantage Primer is a high quality, interior latex primer sealer that offers excellent hold out for latex, alkyd and oil base finishes. Vantage Primer is developed to provide superior application characteristics as well as excellent hiding capabilities that deliver a uniform substrate.

### TYPICAL USES

Vantage Primer is formulated for use on properly prepared and cured interior drywall, plaster, masonry and wood surfaces while meeting the rigorous requirements for residential or commercial projects.

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

DU-1511 White 0–4 oz/gal

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

### PHYSICAL PROPERTIES (DU-1511)

Resin Type	Vinyl Acrylic
Clean-up Solvent	Water
Finish	< 5 @ 85°
Solids by Weight	43 %
Solids by Volume	26 %

Recommended Dry Film Thickness per Coat	2–3 mils
Wet Film to Achieve DFT	7.5–11.5 mils

Theoretical Coverage @ 1 mil	417 ft <sup>2</sup> /gallon
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Practical Coverage at Recommended DFT <sup>1</sup>	139–208 ft <sup>2</sup> /gallon
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<u>Dry Times</u> <sup>2</sup> @ 70° F (21° C) and 50% R.H.	Touch 1 hour Recoat 3 hours
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VOCs	<50 grams/liter
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Vantage Primer meets or exceeds the criteria set forth by the U. S. Green Building Council LEED-NC 2009 and OTC requirements. All results have been verified by our ISO9001 certified Laboratory.

<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

#### Interior Drywall

1 ct Vantage Interior Latex Primer  
2 cts Any Diamond Vogel Interior Latex, Alkyd or Waterborne Epoxy finish.

#### Interior Plaster

\*1 ct Vantage Interior Latex Primer  
2 cts Any Diamond Vogel Interior Latex, Alkyd or Waterborne Epoxy finish.

#### Interior Masonry, Concrete or Cement

\*1 ct Vantage Interior Latex Primer  
2 cts Any Diamond Vogel Interior Latex or Waterborne Epoxy finish.

#### Interior Wood

1 ct Vantage Interior Latex Primer  
2 cts Any Diamond Vogel Interior Latex, Alkyd or Waterborne Epoxy finish.

**\*Note: Uncured or “green” plaster, masonry, concrete or cement can cause alkali burn due to elevated pH levels.** Because acrylic primers offer a higher level of tolerance, Diamond Vogel recommends using one of the following acrylic primers when these conditions exist.

Diamond Prime Interior/Exterior Primer

This data sheet provides general recommendations and not intended to limit the use of this product. Test areas are always recommended to confirm results. 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.**

**Drywall Surfaces** Fill nail holes and imperfections with spackling compound and allow to dry. Sand tape joints and spackled areas and remove dust.

**Plaster Surfaces** New Plaster must cure for a minimum of 30 days at 72° F (22° C) prior to coating application. Sand smooth and dust. Fill cracks with spackling compound, allow to dry and sand smooth. Remove sanding dust.

**Masonry, Concrete Cement Surfaces:** New concrete and mortar should cure for a minimum of 30 days (preferably 90 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. Curing and release agents must be removed prior to coating. The moisture content of the concrete must be 15% or lower and the pH level should be between 5 and 9. Surfaces that are porous must be filled with an appropriate block filler prior to the application of this primer.

**Wood Surfaces** Sand smooth any exposed wood surfaces. Patch nail holes and any imperfections with wood filler or putty and sand smooth. Remove sanding dust and residue. Wood that has the potential for tannin or knot bleeding, use Diamond Prime instead

### 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 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 and spot prime.

### 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 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 clean water.
- 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 .021 are recommended.
- Apply the product in full even coats and maintain a wet edge. Allow the product to dry between coats.
- 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; cold temperatures will greatly increase the dry time. 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 interior use only  
Do not apply below 50° F  
Not intended for use on floors  
Protect from freezing  
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 does not control the application of its products, or the condition of the surfaces to which they are applied, Diamond Vogel's liability will under no circumstances exceed replacement of the product.