

## Product Data Sheet

### PRODUCT DESCRIPTION

Sure-Block II Alkyd Stain Blocking Primer is for interior and exterior applications where enhanced stain blocking and adhesion characteristics are desired. Sure-Block II promotes adhesion to a variety of surfaces such as alkyd enamel paints, varnishes, paneling, ceramic tile, and laminates.

### TYPICAL USES

Sure-Block II Alkyd Stain Blocking Primer is formulated for use on both commercial and residential projects where the use of a stain blocking primer is necessary. Seal water, fire, and smoke damage to wood, walls, and plaster. Holds back tough stains including grease on bare or previously painted drywall, cured plaster, and woodwork. Use on metal (including aluminum, steel, and copper), vinyl, PVC, and masonry where stain blocking and adhesion are a concern. Sure-Block II is also suitable for use as an exterior wood primer to seal water-soluble tannin stains.

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

CU-1622 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 (CU-1622)

Resin Type	Alkyd
Clean-up Solvent	Mineral Spirits
Finish	5–10 @ 85°
Solids by Weight	64 %
Solids by Volume	41 %

Recommended Dry Film Thickness per Coat	1.5–2 mils
Wet Film to Achieve DFT	3.5–5 mils
Theoretical Coverage @ 1 mil	657 ft <sup>2</sup> /gallon
Practical Coverage at Recommended DFT <sup>1</sup>	329–438 ft <sup>2</sup> /gallon
<u>Dry Times</u> <sup>2</sup> @ 70° F (21° C) and 50% R.H.	Touch 10 minutes Dry through 1½ hour
VOCs	450 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

#### Interior Wood

1 ct Sure-Block II  
2 cts Most Diamond Vogel Interior Latex, Alkyd, or Water-borne Epoxy Finishes.

#### Interior Plaster

1 ct Sure-Block II  
2 cts Most Diamond Vogel Interior Latex, Alkyd, or Water-borne Epoxy Finishes.

#### Interior Drywall

1 ct Sure-Block II  
2 cts Most Diamond Vogel Interior Latex, Alkyd, or Water-borne Epoxy Finishes.

#### Interior Metal

1 ct Sure-Block II  
2 cts Most Diamond Vogel Interior Latex, Alkyd, or Water-borne Epoxy Finishes.

#### PVC

1 ct Sure-Block II  
2 cts Most Diamond Vogel Interior Latex, Alkyd, or Water-borne Epoxy Finishes.

#### Exterior (wood, metals, PVC, vinyl)

1 ct Sure-Block II  
2 cts Most Diamond Vogel Exterior Latex or Alkyd Finishes.

This product meets or exceeds Master Painters Institute (MPI) #136 approval standard.

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.**

**Wood Surfaces** Patch nail holes, cracks, and imperfections with spackling compound. Sand and wipe clean.

**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.

**Drywall Surfaces** Fill nail holes and imperfections with spackling compound and allow to dry. Sand tape joints and spackled areas and remove dust. Sure Block II may raise the nap of unprimed drywall.

**Metal Surfaces** Clean as needed with an appropriate cleaner. For best results scuff and wipe clean.

**PVC or Vinyl Surfaces** Clean as needed with an appropriate cleaner. For best results scuff and wipe clean.

### 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.

### 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 mineral spirits or turpentine.
- Apply by brush, roller, or spray. A good quality natural bristle brush will make application easier. Select a roller cover suited for the texture of the surface to be coated. Airless tip sizes of .013 to .015 are recommended.
- Apply the product in full even coats and maintain a wet edge.
- Do not thin.

## ENVIRONMENTAL VARIABLES

Minimum surface and air temperature required for application is 40° F (4° C) and at least 5° F (3° C) above the dew point. While this product is not subject to freezing, 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 and equipment immediately with mineral spirits.

**Alkyd coatings are not recommended for direct application to unprimed galvanized surfaces.**

## CAUTIONS

Do not apply below 40° 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 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.