

Product Data Sheet

PRODUCT DESCRIPTION

Grain Stain Solid Latex Stain is a high quality exterior 100% acrylic stain that dries to a durable, blister resistant, breather type finish. Its excellent fade resistance allows colors to remain beautiful for years.

TYPICAL USES

Formulated for use as a finish coat on a variety of residential and commercial exterior surfaces. These include previously stained or painted exterior wood, hardboard, cement board and masonry surfaces. Suitable for use on siding, trim and fences. Grain Stain Solid Latex Stain is self priming on bare exterior wood surfaces. Two coats are recommended for optimum performance and uniformity.

BASES & COLORS (tintable with ACS colorant)

BT-1504 Light Base	0–6 oz/gal
BT-1503 Dark Base	4–10 oz/gal
BT-9502 Black Base	0–6 oz/gal

PHYSICAL PROPERTIES (BT-1504)

Resin Type	100% Acrylic
Clean-up Solvent	Water
Finish	0–5 @ 85°
Solids by Weight	49 %
Solids by Volume	38 %

Recommended Dry Film Thickness per Coat	1.5–2 mils
Wet Film to Achieve DFT	4–5 mils
Theoretical Coverage @ 1 mil	610 ft ² /gallon
Practical Coverage at Recommended DFT ¹	305–407 ft ² /gallon

<u>Dry Times</u> ² @ 70° F (21° C) and 50% R.H.	Touch ½–2 hours Recoat 2–4 hours
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VOCs 126 grams/liter
(Range from 93–126 depending on color and base)

¹ 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.

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

SPECIFICATIONS

Exterior Wood/Plywood

2 cts Grain Stain Exterior Solid Latex Stain
or
1 ct Grain Stain Exterior Solid Oil Stain
2 cts Grain Stain Exterior Solid Latex Stain

Block

Smooth
2 cts Grain Stain Exterior Solid Latex Stain
Or
1 ct Any BU-Series Acrylic Latex Primer
2 cts Grain Stain Exterior Solid Latex Stain

Porous

1 ct Any BF-Series Exterior Block Filler
2 cts Grain Stain Exterior Solid Latex Stain

Poured Concrete

1 ct Any BU-Series Acrylic Latex Primer
2 cts Grain Stain Exterior Solid Latex Stain

Cement Siding

Pre-primed
2 cts Grain Stain Exterior Solid Latex Stain
Unprimed
1 ct Any BU-Series Acrylic Latex Primer
2 cts Grain Stain Exterior Solid Latex Stain

This product meets or exceeds Master Painters Institute (MPI) #16 approval standards.

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 exterior spackling compound. Sand and wipe clean. Woods subject to tannin bleeding should be primed with a stain blocking primer (BU-Series Sure Grip or AU-Series Alkyd Primer).

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.

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 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 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 .017 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. 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.

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.