



AT-Series
Grain Stain
Exterior Solid Oil Stain

Product Data Sheet

PRODUCT DESCRIPTION

Grain Stain Solid Oil Stain is a fast drying high quality linseed oil-based stain that penetrates deep into the wood. It has good exterior durability and has excellent adhesion and hiding properties.

TYPICAL USES

Formulated for use on residential and commercial exterior new or weathered exterior wood. Suitable for use on siding, trim and fences. May be used as a finish coat or as a primer coat for use under Grain Stain Solid Latex Stain. When used as a finish coat, two coats are recommended for optimum performance and uniformity.

BASES & COLORS (tintable with ACS colorant)

AT-1301 Light Base	0-6 oz/gal
AT-1302 Dark Base	4-10 oz/gal
AT-9301 Black Base	0-6 oz/gal

PHYSICAL PROPERTIES (AT-1301)

Resin Type	Linseed oil
Clean-up Solvent	Mineral Spirits
Finish	0 – 5 @ 85°
Solids by Weight	73 %
Solids by Volume	55 %
Recommended Dry Film Thickness per Coat	1.5 – 2 mils
Wet Film to Achieve DFT	3 – 4 mils
Theoretical Coverage @ 1 mil	882 ft ² /gallon
Practical Coverage at Recommended DFT ¹	441 – 588 ft ² /gallon
<u>Dry Times</u> ² @ 70° F (21° C) and 50% R.H.	Touch 8 hours Recoat 24 hours
VOC's (Range from 345 – 351 depending on color and base)	350 grams/liter

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 AT-Series Grain Stain Solid Oil Stain
or
1 ct AT-Series Grain Stain Solid Oil Stain
2 ct BT-Series Grain Stain Solid Latex Stain

This product meets or exceeds Master Painters Institute (MPI) # 14 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.**

Wood Surfaces: Patch nail holes, cracks and imperfections with exterior spackling compound. Sand 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. 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 .013 to .015 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

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

CAUTIONS

For exterior use only
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.

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.