



# Product Data Sheet

## Woodwonder Waterborne Stain Series

### Product Description

A 100% Acrylic latex, solid-color stain for a wide variety of substrates.

### Where to Use

For use on properly prepared surfaces such as rough-cut lumber, siding, trim, masonry and galvanized.

### Product Characteristics

Color White and Custom Colors

Gloss Flat

Architectural and Industrial Maintenance Category Stains: Opaque

| <u>Drying Time</u> | <u>Temperature</u> | <u>To Touch</u> | <u>To Recoat</u> |
|--------------------|--------------------|-----------------|------------------|
|                    | 75°F / 55% R.H.    | 1 Hour          | 2 Hours          |

(Cooler temperatures and higher humidity will lengthen drying time)

### Preparation & Priming

Surface Preparation Paint only over clean and dry surfaces. Remove all loose paint, oil, grease, dirt, chalk or other contaminants that would hinder the performance of the coating. Mildew must be killed by scrubbing with a solution of a non-soapy detergent such as TSP (Tri-Sodium Phosphate), in a 10% solution of household bleach and warm water. Thoroughly rinse affected area and let dry prior to painting. Repair all damaged areas and repair any cracks or splits with appropriate caulk or filler. Glossy surfaces should be sanded. On unfinished porous surfaces such as concrete block, a block filler should be used prior to staining.

### Mixing & Application

Mixing Stir thoroughly, making sure no pigment remains on the bottom of the can.

Thinning Thin with water only if necessary up to one pint per gallon

Surface Temperature Minimum 50°F, Maximum 110°F – The surface should be dry and the relative humidity should be no greater than 85%.

Recommended Thickness 1.6-2.0 mils dry (Number of coats and thickness requirements will vary with substrate, application method and service equipment)

Theoretical Coverage 517 ft<sup>2</sup>/gallon at 1 mil dry, assuming no application losses. Coverage will vary depending on surface texture and application technique.

| <u>Coverage Rates per Coat</u> | <u>Dry Mils</u> | <u>Wet Mils</u> | <u>Ft<sup>2</sup>/gal</u> |
|--------------------------------|-----------------|-----------------|---------------------------|
| <u>Suggested</u>               | 1.8             | 5.6             | 287                       |
| <u>Minimum</u>                 | 1.6             | 5.0             | 323                       |
| <u>Maximum</u>                 | 2.0             | 6.2             | 259                       |

| <u>Application Equipment</u> |  |               |           |
|------------------------------|--|---------------|-----------|
| <u>Airless Spray</u>         | Pressure   | 1800-2400 psi |           |
|                              | Tip  | 0.015"        |           |
|                              | <u>Conventional Spray</u>                            | Air Pressure  | 40-70 psi |
|                              | Fluid Pressure                                       | 10-20 psi     |           |
| <u>Roller</u>                | 1/2" - 3/4" nap covers                               |               |           |
| <u>Brush</u>                 | Use high quality synthetic or nylon bristle brushes. |               |           |

Application Considerations Brush, Spray or roll. Strain material before spraying. Backroll after spraying. Always apply into rather than away from wet edge, overlapping each pass 50%. Avoid touching up, rolling or brushing back into paint more than ten minutes after applying. Touch up when paint is completely dry. Allow to cure ten days before cleaning newly painted surfaces.

# WOODWONDER WATERBORNE STAIN SERIES

## Mixing & Application Continued

Touch Up Proper touch-up is accomplished by applying a thin coat of this product over a well coated surface using the same method of application as used to apply the finish coat, that is, spray over spray, roller over roller. If the finish coat is sprayed, it is also possible to spray a small amount into an empty container and touch up using a foam brush. Touch up should be done within 5 °F of the original temperature.

## Technical Information

Solids by Volume 32.26% – Varies by Color

AIM Category VOC Limit 4.6 lb/gal (550 g/l)

Coating VOC 0.77 lb/gal (84 g/l) – Minus Water and Exempt Materials – Varies by Color

Material VOC 0.27 lb/gal (32 g/l) – Varies by Color

Density 10.71 lb/gal (1283 g/l) – Varies by Color

Packaging 55 Gallon drums, 5 gallon pails and 1 gallon cans

## Clean-up & Storage

Cleanup Use soap and water

Storage Temperature Minimum 35°F Maximum 110°F

Shelf Life Under Normal Conditions (Unopened) – Two Years

## Safety & Important Information

OVEREXPOSURE MAY CAUSE KIDNEY DAMAGE. CAUSES EYE IRRITATION. CONTAINS: ETHYLENE GLYCOL.

**Use only with adequate ventilation.** Avoid breathing vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes. Wash thoroughly after handling. **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 a 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). WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

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