



ENDURO

WATER BASE WOOD STAIN



The industry leader in water based technology.

Classification:

Water Base Stain

Product Description:

General Finishes Water Base Wood Stains are the most advanced wiping stains on the market today. The unique semi-gel formula provides the user with controlled penetration and plenty of open time to work with the product. The unique semi-gel consistency prevents pigment settling. Yet the semi-gel structure breaks down easily when shaken or stirred to provide a smooth, creamy stain that can be applied and wiped with ease. These stains are a proprietary blend of pigments and dyes that provide both depth and clarity. General Finishes Water Base Wood Stains are formulated to <100 g / l VOC (excluding water).

Application:

May be applied via brush or spray. Stir well before application. Use a clean brush or paint pad applicator. Apply liberal amount of stain and allow to penetrate several minutes before wiping with a clean paper towel. A second coat may be applied to darken the color. HVLP: 0.43-0.51" fluid tip / medium cap; 0.051" fluid tip / medium cap. Air-Assisted Airless: 0.011-0.013" fluid tip, 300-600 psi fluid pressure, 10-30 psi air pressure.

Product Data:

- Density: 8.5 -9.4 lbs. / gal
- Weight Solids: 10 - 28% (color dependant)
- Volume Solids: 15 - 19%
- Viscosity: bodied liquid
- pH: 7.0 - 8.5
- V.O.C.: 77-99 g/l (0.64 0.83 lb/gal) excl water
- Material V.O.C: 13-20 g/l (0.11-0.19 lb/ gal)
- % VOC: 1.3 - 2.0%
- Storage: Protect from Freezing

Container:

Pints, Quarts, Gallons, Fives and Drums

Color:

Stock and custom colors available

Dry Time 70°F and 70% R.H:

- Dry: 1-2 hours
- To Topcoat: 1-2 hours

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Mixing and Application:

- Catalyst Ratio: None
- Pot Life: Not Applicable
- Shelf Life: 1 year, minimum
- Reducer/Thinner: EF Extender (10 -20%)

Sealer & Finish Recommendation:

Can be topcoated with most water base, oil base, and solvent base finishes, varnishes, & lacquers. Compatible with all General Finishes topcoats. Test adhesion and compatibility on all other systems. Color will vary dependent upon wood and dwell time before wiping

General Finishes Sanding Sealers are recommended if not using a self sealing finish for optimum build and smoothness. Topcoats: Water Base: PolyAcrylic, High Performance, Enduro Water Base Lacquer, Enduro Poly, Pre-Cat Urethane or EnduroVar. Oil Base: General Finishes Arm-R-Seal or GF Gel Stain. Solvent Base: Most pre-catalyzed lacquers and conversion varnishes.

Surface Preparation:

Surface must be clean, dry and free of dust, dirt, grease, wax, or contaminants. For Raw wood, start sanding with #150 grit recommended. Fill all nail holes or cracks using a water base filler or putty. Remove all dust by vacuuming or wiping with a damp cloth. Do not use tack cloths which contain linseed oils.

Application:

- Conventional Spray:
- Air Assisted Airless
- HVLP
- Brush
- Pad Applicator

Cautions:

- Mix container before use
- Protect from freezing
- Read MSDS for safety information

• Clean-up Information:

For best results, clean all equipment with General Finishes Brush and Gun Cleaner. General clean-up with soap and water recommended. Rinse thoroughly with clean water.

EF Water Base Wood Stains
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NOTICE: All of the above statements, recommendations, suggestions, and data concerning the subject material are based on laboratory results and believed to be reliable. We expressly do not represent, warrant, or guarantee the accuracy, completeness or reliability of same, or the material or the results to be obtained from the use thereof, neither do we warrant that any such use, either alone or in combination with other materials shall be free of the rightful claim of any third party by way of INFRINGEMENT or the like and (THE MANUFACTURER DISCLAIMS ALL WARRANTIES, EXPRESSED OR IMPLIED,) OF MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE.
