

SuStain Wood Finish 1-COAT SYSTEM

SuStain™ Wood Finish is an advanced, exceptionally strong and highly protective stain formulated to provide outstanding water resistance, ultraviolet protection and color retention. This translucent stain enhances the natural beauty of the wood and allows the grain to show through.



www.Weatherall.com

Manufacturing Facility:

106 Industrial Way
Charlestown, IN 47111

Distribution Centers:

Colorado: 877-275-2739
Indiana: 800-367-7068

Fax: 812-256-2344

USES

SuStain Wood Finish was developed for use over existing oil based finishes but can be used during new construction as well. SuStain Wood Finish beautifies and protects logs, wood siding, timbers or any other vertical wood surface. Additionally, it can be used on interior surfaces.

Do not use on high density, high oil content or exotic woods.

ADVANTAGES

- **A Single Coat Stain System**
- **Excellent Choice** for New Construction or Restoration Work
- **Long Lasting UV Protection**
- **Superior Color Retention**
- **Minimum Preparation.** May be applied directly over most existing oil based finishes.
- **Easy Maintenance**
- **Easily Applied** by brush, airless or pump style garden sprayer.
- **Safe** for Exterior or Interior Application
- **Mold and Mildew Protection.** Contains an effective biocide that resists decay and deterioration caused by mold and mildew.
- **Mild Odor**
- **Low VOC Formula**
- **Water Repellent Formula** does not allow water to penetrate and damage the wood.
- **9 Standard Colors** available in red, brown and yellow tones.
- **Compatible** with most oil or solvent based finishes.
- **Will NOT** crack, peel or blister when applied properly.
- **Natural and Beautiful Finish** that highlights the grain of your wood.
- **Convenient Sizes-** 1 and 5 gallon pails

TECHNICAL INFORMATION

Available Colors

SuStain Wood Finish is available in Natural, Classic Honey, Golden Aspen, Red Oak, Cinnamon, Sequoia, Brown Cedar, Chestnut and Walnut.

Physical Properties

Viscosity	30-40, #4 Ford cup
Density	8.3 +/- 0.1 lbs. /gal.
VOC	249 g/l
% Solids	45%
Odor	Mild Mineral Spirit
Toxicity	Low
Shelf Life	3 years

Coverage Rates

1st Coat: 150-300 sq. ft. per gallon
Additional Coats: 300-400 sq. ft. per gallon

**The above coverage rates are highly dependent upon the porosity of the wood or the condition of the existing stain. Do not thin or dilute product.

Dry Time

Drying times will vary depending on the temperature and relative humidity. SuStain Wood Finish may still be tacky after 12 hours. Allow 1-2 days for full curing.

Packaging

SuStain Wood Finish is available in 5 gallon and 1 gallon pails.

Storage

Store SuStain Wood Finish in a tightly sealed container in moderate temperatures (between 40° F and 90° F.) **DO NOT FREEZE.**

Clean Up

Clean up immediately with mineral spirits. Spray equipment should be cleaned immediately per the equipment manufacturer's recommendations. Dispose of excess materials by following all local, state and federal environmental disposal regulations.

Caution

Rags and any other materials soaked with SuStain Wood Finish may spontaneously catch fire if improperly discarded. Properly dispose of rags and other materials in metal containers filled with water.

WHY IT WORKS?

SuStain Wood Finish is loaded with UV absorbers and stabilizers that slow down the adverse effects of Mother Nature while providing for outstanding water resistance and long term color retention. SuStain Wood Finish contains a biocide that deters unsightly discoloration caused by mold and mildew.

APPLICATION GUIDELINES

READ AND FOLLOW ALL LABEL INSTRUCTIONS PRIOR TO APPLICATION OF THIS PRODUCT.

Color Check

Each wood species and even wood of the same species accepts stain differently. Apply the stain to a sample area on the project. If possible, apply the test stain in the same manner that it will be applied on the entire project. Heat the sample with a hair dryer to accelerate the drying and full color development. For full color development, allow to dry overnight.

NOTE: Never apply stains without first doing brush out samples. Some milled and all rough sawn lumber have more porous surfaces than planed logs or lumber and will absorb more stain during the first coat and some second coat applications. This will have a significant effect on the resulting finish color; therefore, it is imperative that a color brush out be performed on a sample of the wood to be stained.

Surface Condition

Make sure the moisture content $\frac{1}{2}$ " to 1" below the surface is 18% or less. It is recommended that the moisture content is verified with a penetrating lignometer.

Surface Preparation for New Construction

On new construction, we recommend that the logs or other wood surface be thoroughly cleaned with any commercial non acid cleaner, being sure to follow all manufacturers' instructions for application and safety. Pressure wash the surface thoroughly with water to remove all traces of cleaning solution. Test the wood surfaces with Litmus paper to verify the pH neutral surface. (pH should be between 6 and 8). Allow wood surfaces to dry completely before application of SuStain Wood Finish. Make certain that your wood surface has a consistent texture pattern to allow for a single coat application. It may be necessary to apply 2 light coats if the surface texture is uneven. The second light coat will even out the first light coat.

Maintenance/Restoration

Once your existing finish starts to look dull then simply clean the surface and apply another coat of SuStain Wood Finish. Expect to re-apply every 2 to 4 years on the southern exposure and every 3 to 5 years on the other sides of your structure. Back brushing your stain into the pores of your wood is a must. Please remember that the overall durability of your stain is dramatically affected by the preparation of your wood prior to staining and how good of a job you do during the stain application process.

To provide added protection to logs and/or other wood surfaces, caulk all cracks and checks with UV GUARD® Premium Caulk or UV GUARD® Textured Caulk after the initial application of SuStain Wood Finish.

NOTE: Weatherall Company, Inc. provides an excellent EPA registered mildewcide that may be added directly to the pail (Stay-Clean I/E™), and it is recommended for use in areas of high humidity where the wood is more susceptible to mildew. It is also recommended for fences, railings, etc.

Temperature

Prior to application of SuStain Wood Finish, check the temperature of the wood surface and the projected ambient temperatures. SuStain Wood Finish should not be applied to wet or frozen wood, in subfreezing temperatures or when subfreezing temperatures are expected within 24 hours of application. We do not recommend application in continuing wet weather. SuStain Wood Finish applied during colder, humid weather will take longer to dry. If rain is imminent, do not apply product. After heavy rain, wood surfaces should be given several days to dry before application. If weather is hot and sunny, it is always best to work around the house so you are always in the shade. Do not apply SuStain Wood Finish to hot surfaces. Best when applied between 40 to 90 degrees.

Dispersion

Thoroughly stir the contents of the pail to redisperse the pigments evenly. If pigments are added, a very slight color difference may occur from pail to pail as well as when the finish is not thoroughly stirred. To avoid any variations, a good technique is to blend all pails of the same color then stir thoroughly prior to use. Continue to stir periodically during application.

Application

SuStain Wood Finish can be easily applied by natural bristle brush, airless sprayer or pump style garden sprayer. **If spray application is used, back brushing is mandatory.**

When using a pump or airless sprayer, work small areas thoroughly back brushing the work to insure proper penetration. Look frequently for runs, especially from checks and split grain and back brush as required. Although a one-coat application is normally sufficient, a second coat may be necessary depending on the condition of the previous finish and the porosity of the wood. Keep in mind that an additional coat may affect the final color. A second coat can be applied after 12 hours. **Over application of this product may result in a glossy appearance, extended drying times or sagging. Do not thin.**

Log Ends

Treat all log ends (or other exposed wood ends) with several coats of SuStain Wood Finish until the surface is completely sealed and protected from water absorption, mildew and fungus.

AVAILABILITY/SUPPORT

Weatherall products are available from the Manufacturing Plant and Distribution Centers, as well as a national network of distributors. Weatherall Company will gladly provide technical support upon request.

3 & 5 Year WARRANTY

A 3 and 5 year warranty program is available for SuStain Wood Finish when it is applied according to the label directions to bare wood on vertical wood surfaces such as walls or posts. Inquire with a Weatherall Company representative for complete details.

LIMITED WARRANTY

Weatherall Company, Inc. guarantees the contents of the container only exclusive of the aforementioned warranty. If the product is proved to be defective, replacement material will be furnished free of charge, FOB the nearest Weatherall distribution point, or the material cost will be refunded at Weatherall's option. Due to the fact that Weatherall Company, Inc. has no control over the surface preparation, application methods, weather or wood characteristics, no guarantee as to the results is offered, expressed or implied. Labor cost, freight cost and loss of time or benefits are specifically not covered by this warranty. Responsibility for claims of any kind is strictly limited to the purchase price of the material. Neither Weatherall Company, Inc., nor the seller makes any representations or warranty, expressed or implied, concerning the use of this material other than that stated herein and on the product label. Neither shall be held responsible in any personal injury, property damage or other loss resulting from improper handling, storage or use of this material. The buyer accepts and uses this material under these conditions. The user is solely responsible to determine the suitability of this product for its intended use prior to application. User assumes all risk and liability in connection therewith.