

SuSTAIN® EXTERIOR WOOD FINISH

SuStain 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.



Manufacturing Facility:

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Distribution Centers:

Colorado: 800-430-7074

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Utah: 866-658-1312



USES

SuStain is a premium semi-transparent penetrating oil based exterior stain developed for use over existing oil based finishes. It beautifies and protects logs, wood siding or any other vertical wood surface. SuStain can be used on new wood and interior surfaces.

ADVANTAGES

- **Water Repellent**
Does not allow water to penetrate and damage the wood.
- **Translucent Finish**
Allows the beauty of the wood grain to show through.
- **UV Resistant**
Resists ultraviolet degradation and has superior color retention.
- **Easily Applied**
Easily applied by brush, airless or pump style sprayer.
- **Durable**
Will not crack, peel or blister when properly applied.
- **Compatible**
Can be used on many different species of wood including cedar, pine, fir, spruce and more.
- **Renews Old Finishes**
This product can be used on projects previously stained with oil or solvent based finishes.

TECHNICAL INFORMATION

Available Colors

Standard colors are: Brown Cedar, Red Oak and Golden Aspen.

SuStain is also available in natural clear and can be tinted using universal tints from a quality paint store to match almost any color.

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

250-300 sq. ft. /gallon on previously coated surfaces. 150-250 sq. ft. / gallon on new wood.

NOTE: Coverage will vary depending on type and texture of wood surface.

Drying Time

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

Packaging

SuStain is available in 5 gallon and 1 gallon pails.

Storage

Store product in a tightly sealed container in moderate temperatures (between 40° F. and 90° F.).

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 may spontaneously catch fire if improperly discarded. Properly dispose of rags and other materials in metal containers filled with water.

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. For full color development, allow to dry over night.

NOTE: Some milled and all rough sawn lumber have more porous surfaces than planed lumber and will absorb more stain during the first coat and some second coat applications. This may have an effect on the resulting finish color if pigment is added; therefore, it is imperative that a color brush out be performed on a sample area first.

Surface Condition

It is recommended that the moisture content is verified with a penetrating lignometer. With a moisture content of 18% or less, there is less chance of mold or microbial growth in the wood and better penetration into the wood pores.

Surface Preparation

All traces of dirt, mildew, loose wood fibers or flaking stain must be removed. Pressure wash the surface to be stained using a wood cleaning product if necessary. Thoroughly rinse the cleaned surface with water to remove all traces of cleaning solution. Lightly sand or buff with an Osborn "cup" brush areas where the previous finish still looks intact to blend the area to be stained. Some color "touch up" may be required if there are areas that are so badly weathered that the previous color is gone. This can usually be accomplished with a localized application of one of the pre-tinted stains or by having the clear tinted.

Temperature and Weather

Prior to application of SuStain, check the temperature of the wood surface and the projected ambient temperatures. SuStain 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 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 best to work around the house so you are always in the shade. Do not apply SuStain to

hot surfaces. Best when applied between 40-90 degrees.

Dispersion

Thoroughly stir the contents of the pail to disperse any added 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 Method

SuStain can be easily applied by natural bristle brush, airless sprayer or pump style 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 additional coats may affect the final color. Apply second coat within 12 hours of the first coat for best results. Over application of this product may result in a glossy appearance, extended drying times or sagging. **Do not thin.**

Maintenance and Recoating

Inspect your logs or other wood surfaces at least once a year. Consider recoating every 3-5 years. Check for damage to areas where there has been severe exposure due to weather and sun degradation. These areas may need a maintenance coat of SuStain more frequently.

NOTE: Weatherall Company, Inc. provides an excellent EPA registered mildewcide that may be added directly to the pail (Stay-Clean 1/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.

AVAILABILITY/SUPPORT

Weatherall products are available from a national network of distributors. Visit our website at www.weatherall.com to locate the distributor nearest you. Weatherall Company will gladly provide technical support upon request. Call 800-367-7068 M-F 8-5 EST.

LIMITED WARRANTY

Weatherall Company, Inc. guarantees the contents of the container only. 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.

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