

UV GUARD® EXTERIOR / INTERIOR WOOD FINISH

UV GUARD is an exterior or interior acrylic wood finish that contains highly advanced UV absorbers and stabilizers. These unique and effective additives give greater protection and longevity to wood surfaces that are continuously exposed to the harmful and destructive ultraviolet rays of the sun.



Manufacturing Facility:

106 Industrial Way
Charlestown, IN 47111
800-367-7068
Fax: 812-256-2344
www.weatherall.com

Distribution Centers:

Colorado: 800-430-7074
Georgia: 866-399-6553
Utah: 866-658-1312



USES

UV GUARD was developed for use as an exterior wood finish for log homes and quality wood siding. It is also very effective when used as a coating on fences, shingles and other vertical surfaces.

UV GUARD is also safe to use on interior wood surfaces and is especially good for areas that receive extra amounts of sunlight. Do not use on high density, high oil content or exotic woods.

Note: We do not recommend that clear UV GUARD be used as the only exterior coating. While UV GUARD will add longevity and protection to exterior wood surfaces, pigmented exterior finishes will provide even greater protection. In addition to the UV absorbers and stabilizers, the pigment particles themselves help to block the rays of the sun. Clear UV GUARD should only be applied as the "finish coat" after at least two (2) coats of a stain color have been applied, or as a "maintenance coat" to brighten and reseal a previous finish.

Stringent testing during which UV GUARD was subjected to high levels of sunlight, moisture and temperature extremes proved that UV GUARD lasted longer and provided greater protection than major competitors.

ADVANTAGES

- **UV Resistant**
- **Penetrates and Seals** the wood surface enriching the appearance of the natural wood and at the same time shielding and protecting the wood with a superior, longer lasting, weather-resistant finish.
- **Safe for Interior Use**
- **Odorless** when dry.
- **Low Flammability** in the liquid state and will also increase the kindling temperature/time of wood when dry.
- **Repels Moisture** while allowing the wood to breathe naturally.
- **Easily Applied** by brush, airless or pump style garden sprayer.
- **Provides Excellent Adhesive Surface** for chinking and virtually eliminates all debonding problems that are likely to occur.

TECHNICAL INFORMATION

Available Colors

UV GUARD is available in Aspenwood, Light Gray, Dark Gray, Light Brown, Cotswold Gray, Honey Brown, Dark Brown, Sunlight, Amber, Fawn, Bramble and Clear. Custom colors are also available.

Physical Properties

Viscosity	150 cps
Density	8.5 +/- 0.1 lbs./gal.
pH	8 +/- 0.5
VOC	46 g/l
% Solids	20%
Odor	Odorless when dry
Toxicity	Non-toxic/safe for interior
Shelf Life	2 years
Stability	Salt spray stable
Test Method	ASTM G-53

Coverage

Hand-Peeled Logs and Planed Lumber:
200-300 sq. ft./gallon on the first coat, and 400-500 sq. ft./gallon on subsequent coats.

Milled Logs and Rough Sawn Lumber:
150-250 sq. ft./gallon on the first coat, and 300-400 sq. ft./gallon on subsequent coats.

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

Drying Time

UV GUARD will be dry to the touch in 30 minutes to 1 hour and completely dry in 24 to 48 hours depending on temperature and relative humidity.

Packaging

UV GUARD is available in 5 gallon and 1 gallon pails.

Storage

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

Clean Up

Clean up immediately with soap and water. Dried brushes will require cleaning with lacquer thinner. Spray equipment should be cleaned immediately per the equipment manufacturer's recommendations for latex finishes. Dispose of excess materials and UV GUARD by following all local, state and federal environmental disposal regulations.

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 piece of log or wood to be used. If possible, apply the test stain in

the same manner that it will be applied on the wood surface. When the desired color is reached, add a coat of Clear UV GUARD. Heat the sample with a hair dryer to accelerate the drying and full color development. Standard shades of stains may also be diluted up to 50% with Clear UV GUARD for more transparency or lighter color.

NOTE: Never apply stains without first doing brush out samples.

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. 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

New Construction

On new construction, we recommend that the logs or other wood surface be thoroughly cleaned with light sanding or with any commercial non acid cleaner, being sure to follow all manufacturer's instructions for application and safety. If chemically cleaned, 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 UV GUARD.

Mill Glaze

Mill glaze, sometimes called planers glaze, which can be identified by a shiny appearance and/or cutter marks on the wood surface, is the cause of coating failure due to the lack of penetration of UV Guard through the compressed/glazed surface fiber. All mill glaze must be removed by lightly sanding the affected surface prior to application of the UV Guard.

Maintenance/Restoration

On previously coated surfaces, the wood surfaces must be thoroughly cleaned prior to the application of UV GUARD. This can be accomplished by sanding, pressure washing, media blasting or chemical stripping.

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.

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

Temperature

Prior to application of UV GUARD, check the temperature of the wood surface and the projected ambient temperatures. UV GUARD 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 temperatures below 40° F., or in continuing wet or humid weather. UV GUARD applied during colder, humid weather will take longer to dry. If rain is imminent, do not apply UV GUARD.

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 UV GUARD to hot surfaces. **Do not allow UV GUARD to freeze.**

Dispersion

Thoroughly stir the contents of the pail to redisperse the pigments evenly. Very slight color difference may occur from batch to batch, as well as when the finish is not thoroughly stirred. To avoid any variations, a good technique is to blend all containers with different batch numbers, then stir thoroughly prior to use. Continue to stir periodically during application. If greater transparency is desired, UV GUARD may be diluted up to 50% with Clear UV GUARD. **NEVER USE WATER TO DILUTE UV GUARD!**

UV GUARD can be easily applied by brush, airless sprayer or pump style garden sprayer. If spray application is used, back brushing is mandatory.

Hand-Peeled Logs and Planed Lumber

First Coat – The first coat should be a heavy saturation color coat. When using a pump or airless sprayer, work small areas thoroughly back brushing the work and maintaining a wet edge to prevent overlap marks. Check frequently for runs, especially from checks and split grain and back brush as required. If using a brush, try to work one continuous log or board length at a time, back brushing runs before they drain down to a lower log or board.

Second Coat – The second coat is another heavy saturation color coat and can be applied either wet-on-wet or wet-on-dry in the same manner as the first coat.

Third Coat – The third coat is normally a clear top coat and can be applied wet-on-wet or wet-on-dry up to six months after the application of the first two color coats. The clear third coat can also be lightly tinted if additional color is desired. Delaying the application of this third coat on new construction allows the logs time to dry out, check, and expose untreated surfaces.

NOTE: 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.

Log Ends

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

AVAILABILITY/SUPPORT

Weatherall products are available from the manufacturing plant in Charlestown, Indiana, distribution centers, as well as a national network of distributors. Weatherall Company will gladly provide technical support upon request. Visit our website to locate the distributor nearest you.

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.

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.