

UV GUARD® PREMIUM CAULK

UV GUARD Premium Caulk is a professional strength sealant that forms a powerful adhesive bond and remains amazingly flexible, water resistant and weather-tight for years.



Manufacturing Facility:

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USES

- **New Construction**
UV GUARD Premium Caulk may be used on log home joints, coated or uncoated wood, sheet metal, masonry, stucco, most foam boards, drywall and painted surfaces. It is also ideal for caulking window and door frames, baseboards, molding, siding and trim, corner joints, pipes and vents.
- **Restoration**
UV GUARD Premium Caulk is an excellent restoration/repair product for log checks, window and door replacement, and areas where extreme movement have occurred creating voids or gaps.

ADVANTAGES

- **Weather Barrier**
Provides an effective weather barrier that seals out moisture and air infiltration and significantly improves energy efficiency.
- **Excellent Adhesion**
Excellent adhesion to coated and uncoated wood, sheet metal, masonry, stucco, most foam boards, drywall and painted surfaces, steel, galvanized metal and aluminum.
- **Highly Flexible**
High elongation and flexibility characteristics.
- **Superior Durability**
Resists deterioration caused by extreme temperature cycling and contains highly effective UV blockers and stabilizers that protect from damaging ultraviolet degradation.
- **High Recovery**
Ideal for sealing joints with dynamic movement.
- **Easy to Apply**
Excellent tooling properties for superior appearance in visible joints such as log homes, window and door frames, siding and trim.
- **Non-Toxic**
Safe for interior and exterior use.
- **Excellent Paintable Surface**
Provides a paintable surface for acrylic latex paints.
- **Warranty**
Carries a limited lifetime warranty.

TECHNICAL INFORMATION

Available Colors

UV GUARD Premium Caulk is available in a variety of earth-tone colors. The colors are: White, Stone, Pine, Light Brown, Dark Brown, Golden Honey, Standard Gray, Light Gray, Standard Tan, Clear, Mocha and Western Tan. Custom colors are also available.

Texture

UV GUARD Premium Caulk has a smooth, satin finish when cured.

Recommended Thickness

UV GUARD Premium Caulk should not be applied over 1/4" thick. Refer to the application instructions and estimating guide for more information.

Physical Properties

Composition	Acrylic Latex
Viscosity	250,000-350,000 cps
Density	8.0 lbs. / gal ± .1
VOC	22 g/l
pH	8.5-9.0
% Solids	60 ± 1%
Elongation	300%
Temperature Range	-40° F. to 250° F.
Odor	Odorless when dry
Toxicity	Non-toxic
Shelf Life	2 Years
Stability	Salt spray stable
Test Procedure	ASTM C-834

Coverage

The guide on the back of this sheet is offered to assist in estimating coverage and quantities required.

Drying Time

UV GUARD Premium Caulk skins over within 30 minutes, will be surface dry in 8-10 hours and will be completely cured within 7-10 days under normal conditions. Actual times will vary depending on temperature, relative humidity and material thickness.

Packaging

UV GUARD Premium Caulk is available in 5 gallon pails, 30 oz. cartridges and 10.3 oz. cartridges.

Storage

UV GUARD Premium Caulk must be protected from freezing and stored in temperatures that do not exceed 90° F. Open containers may be stored by floating a thin film of water (1/16") on the surface of the material, covering it with plastic, and tightly relidding the container. Do not store in direct sunlight.

Clean Up

Clean uncured UV GUARD Premium Caulk immediately from tools, hands and equipment with soap and water. If the material is allowed to dry, it may need to be removed with a solvent.

APPLICATION GUIDELINES

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

Surface Preparation

The logs must be clean, structurally sound, dry (18% moisture content maximum) and free from any grease, paraffins, oils, petroleum distillates, urethanes or other surface contaminants that could inhibit the ability of the sealant to bond to the wood fibers. Any finish, whatever the composition, may be incompatible with the sealant system if the finish deposits a heavy film on the surface of the wood. The sealant must be able to bond to the wood fibers.

Note: If you are about to apply a preservative or wood finish not provided by Weatherall Company, Inc., or if you are in doubt as to the compatibility of UV GUARD Premium Caulk to a previously applied preservative or wood finish, please contact Weatherall technical support prior to application of UV GUARD Premium Caulk.

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 Premium Caulk 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 Premium Caulk.

Application Temperature/ Weather Conditions

UV GUARD Premium Caulk should not be applied when temperatures are below 40° F., or when subfreezing temperatures are expected within 48 hours of application. Avoid application in the rain or when rain is imminent. Do not apply UV GUARD Premium Caulk to hot surfaces. When applying in very hot weather, it is recommended that the sealant be applied to the shaded side of the house.

Note: There may be occasions when applying UV GUARD Premium Caulk in subfreezing or rainy weather is unavoidable. In such cases, you should contact your Weatherall representative for specific recommendations.

Application Method

UV GUARD Premium Caulk can be applied using a commercial pump or caulking gun (bulk loading, air-powered or standard gun). Hold nozzle at a 45° angle to apply bead. Apply uniform pressure to form a smooth, even bead. Tool the bead to a smooth finish. For best results, cured beads should be between 1/8" - 1/2" wide and 1/8" - 1/4" deep. For joints that exceed 1/4" width, install a polyethylene, closed-cell backer rod before caulking.

Note: Do not use in below-grade applications or below water line.

Application Guide

Weatherall Company, Inc. has prepared a detailed application guide for use in application of its products. This guide is free from your Weatherall representative and provides more detailed instructions.

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 LIFETIME WARRANTY

Warranty Statement:

Weatherall Company, Inc. warrants satisfactory results from the use of UV GUARD Premium Caulk when installed in accordance with the application instructions provided by Weatherall.



Exceptions: This warranty does not cover failures due to the following: Fire, flood, natural disaster or any other acts of God; improper storage, handling or installation; plumbing leaks, faulty construction or settling that would exceed the material's normal elasticity.

Claims Notification: Notification of claims must be made in writing to Weatherall Company, Inc. and accompanied by the sales receipt. If UV GUARD Premium Caulk is proved to have failed, Weatherall Company, Inc. at its own discretion, will replace failed material or refund the purchase price of the material only. Weatherall Company, Inc. reserves the right to inspect the jobsite by an authorized representative prior to settlement of any claims.

Weatherall's sole and complete responsibility for proved material failure is as set forth in this warranty. Weatherall Company, Inc. will not be held responsible for incidental, indirect or consequential damages including reinstallation labor. The user is solely responsible for determining the suitability of this product for its intended use prior to application. User assumes all risk and liability in connection therewith. Questions regarding this warranty should be directed to the nearest Weatherall representative.

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ESTIMATING GUIDE FOR UV GUARD PREMIUM CAULK

Finished Joint Width	Per 5 Gallon Pail	Per 30 oz. Cartridge	Per 10.3 oz. Cartridge
1/4" x 1/2"	2770'	136'	46'
1/2" x 1/4"	690'	33'	12'

Estimated numbers are actual mathematical conversions multiplied by 0.90 to give a 10% waste factor.