

WOODguard® XL

Oil-Based Wood Preservative

Product Data Sheet

PRODUCT DESCRIPTION AND BASIC USE:

- **WOODguard® XL** is a highly-durable, **one coat**, oil-based, transparent, wood-preservative stain designed for log homes, siding, roofs and fencing.
- **WOODguard XL** oil formula provides long-term protection and water repellency by penetrating deeply into the wood.
- **WOODguard XL** contains several transparent ultra-violet (UV) blocking pigments, which protect the finish from damaging ultra-violet rays and improve water repellency.
- **WOODguard XL** forms a semi-transparent polymer binder, which holds the pigments to the wood and allows the logs to breathe.
- Meets VOC standards in all 50 states.

FEATURES:

Exceptional water repellency on sloping and vertical surfaces. **One-coat** coverage. (Apply to the point of refusal.) Controls mold and decay as well as wood cupping and warping.

WOODguard XL is especially well suited for applications where environmental safety is needed.

WOODguard XL utilizes a dual active ingredient, synergistic biocide system of IPBC and Propiconazole to give wide-spectrum, longer-lasting protection against mold, mildew and decay.

Highly UV-stable, **WOODguard XL** bonds intimately with wood and remains intact to combat mold and decay.

WOODguard XL exceeds National Wood Window and Door Manufacturers Association and Federal Spec. 572 Swellometer water repellency requirements. **WOODguard XL** will not chip, crack or peel. When applied as directed, it leaves a uniform, “streak-free” appearance. **WOODguard XL** protects and extends service life by inhibiting UV rays, mold, decay, cupping and warping. For long-term, continuing protection, apply a second coat of **WOODguard XL** approximately 3 to 5 years after the initial treatment. Subsequent coats should be applied as needed. (See Preparation & Maintenance Guide, page 3). **WOODguard XL** has a cumulative effect inside the wood with each application.

Clear **WOODguard XL**, because of its light tan natural color, gives a deeper, cleaner finish to this wood’s natural color. It does contain colorless titanium dioxide (TiO₂), Zinc Oxide and “trans iron oxides” UV blockers to resist damaging ultra-violet rays. Wood tones can be maintained with the addition of machine colorants (tint). See your dealer for custom tinting of **WOODguard XL**. Untinted **WOODguard XL** is a light tan, translucent liquid that dries clear, depending on the wood substrate. **WOODguard XL** Clear requires the addition of pigments for maximum resistance to UV light. A minimum of 4 oz. per one gallon by weight of colored pigments need to be present for maximum UV protection.

Limitations: Horizontal and contact surfaces will require earlier retreating. It is recommended to not use tinted **WOODguard XL** for contact surfaces due to pigment rub-off. Latex coatings may not adhere to surfaces treated with **WOODguard XL**.

CUSTOM MACHINE TINTS:

Original Clear **WOODguard XL** or Honey Base may be used as a base for pigmentation with machine colorants. Our standard colors (Honey 2000, Tawny Cypress, Warm Pecan, Dark Walnut and Iron Gray) are also available. Consult your paint store or dealer for assistance in custom tinting **WOODguard XL**. Always “box” colors when using buckets with pigmentation to assure uniformity of color.

FACTORY PRE-TINTS AVAILABLE:

WOODguard XL pre-tints offer the convenience of a pre-tinted color option. To ensure even distribution of pigment, stir frequently during use.

- Tawny Cypress
- Honey 2000
- Dark Walnut
- Warm Pecan
- Iron Gray

See the **WOODguard Preparation and Maintenance Guide** for photos on Eastern White Pine.

TECHNICAL DATA:

Ingredients:

IPBC	0.450%
Propiconazole	0.125%
Inert Ingredients	99.425%

Flash Point: Above 212°F (100°C)
Cleveland Open Cup; 215°F (102°C) Closed Cup

Viscosity: 80-100 cps at 70°F (21°C); 400 cps at 65°F (18°C). (Brookfield #2 at 20 rpm)

Pour Point: Approximately 32°F (0°C)

Volatility: Very low at room temperature.

Density: 7.53 lbs./gal. (904 g/l at 68°F – 20°C)

Corrosivity: Non-corrosive.

Stability: Stable at ambient temperatures.

Storage: At least two (2) years storage at normal temperatures (up to 80°F, 27°C).

EPA REG. NO.: 1022-590-71581

VOLATILE ORGANIC CONTENT:

MEETS ALL STATE VOC REQUIREMENTS. Volatile Organic Compounds are 94 – 108 grams per liter.

SURFACE PREPARATION:

Before applying **WOODguard XL**, ensure that the surface is clean and the wood is free of mill glaze and dry to <18% moisture content. The preferred surface preparation is applying a solution of one cup of TSP and one quart of outdoor bleach to one gallon of water. **See Preparation and Maintenance Guide** for detailed instructions. Do not apply if rain is expected within 48 hours. **WOODguard XL** is very effective on Eastern White Pine, Southern Yellow Pine, Cedar, Cypress, and other porous wood surfaces.

If the wood has been treated with another product, it must be removed with a chemical wash.

Consult our **WOODguard** Expert Advisors for the best advice for your situation.

Blairstown Distributors @
www.Blairstowndistributors.com
1-800-524-1093

Twin Creeks Log Homes @
www.twincreeksloghomes.com
1-800-299-8981

APPLICATION:

Do not apply if the overnight low temperature is below 55°F/12.5°C or the daytime high temperature is above 95°F/35°C. At temperatures below 60°F, thin the **WOODguard XL** with turpentine or mineral spirits (0.25 quarts or 1 cup) to 1 gallon **WOODguard XL**. If **WOODguard XL** is not diluted, a heavier coat of **WOODguard XL** will be applied than desired and a darker color will result. Cure time: approximately two weeks at 75°F (less if warmer).

Avoid contact with plants, shrubs and trees. Apply liberally to log homes, siding, roofs and fences. Simply wet down the surface as follows:

- **Spray** – Low-pressure spray or “pump-up spray” equipment is suitable. Set nozzle to deliver a low-pressure, coarse spray. **Do not** use airless spray equipment.
- **Brush** – A regular paintbrush is fine for most surfaces. For uneven or rough surfaces, use a stiff-bristle brush.
- **Roller** – Use a long nap for rough surfaces.

Whichever application technique is used, **WOODguard XL should be applied to the point of refusal.**

Apply evenly, back brushing or back rolling to remove drips and sags as necessary. The more **WOODguard XL** that is absorbed, the longer the treatment will last.

Be aware that warm logs / wood will absorb more **WOODguard XL** than will cold logs / wood. Old weathered wood will absorb more than new unseasoned wood. If possible, plan treatment accordingly for maximum results and longevity.

Retreat when the surface discolors and darkens when sprinkled with water OR when

colors need refreshing from years of sun exposure. The south and west sides may need treatment before the north and east sides.

CLEAN-UP:

WOODguard XL cleans up with mineral spirits or paint thinner.

MAINTENANCE:

One and a half years after construction, inspect your log home carefully for cracks (checks) in the logs that have formed due to drying since construction. Apply **WOODguard XL** liberally in these cracks. A plastic ketchup bottle that will squirt a moderate stream of **WOODguard XL** when squeezed works well. Brush the **WOODguard XL** into the cracks to assure a uniform coverage. If the cracks are very deep (>1 inch) a caulk should be used. See **WOODguard Preparation and Maintenance Guide** or consult with our **WOODguard** expert advisors for further information:

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Twin Creeks Log Homes @
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Year 3 – 5 after construction: 1 coat of approximately 150 – 200 sq. ft./gal.

Apply as needed in subsequent years.

Old Weathered Uncoated Wood: 1 coat to the point of refusal. Approximately 75 – 100 sq. ft./gal.

Surfaces subjected to standing water, chlorine, sprinkler systems, concrete flashback, water runoff from roof valleys or

other harsh conditions may require earlier retreating or spot treatments.

Once you are on the **WOODguard XL** system, you will no longer need to remove the finish before reapplication of future treatments. (It cannot be removed because it is in the wood!)

PESTICIDAL ACTIVITY:

WOODguard XL is a registered US EPA pesticidal product, and under normal conditions, will control the growth of fungal organisms on treated areas. **WOODguard XL** is only approved for above-ground use. **WOODguard XL** cannot prevent the re-occurrence of mold and mildew on extremely dirty surfaces or inadequately ventilated areas.

If the exposure conditions are going to be very hot and humid (tropical environment) or otherwise adverse, additional mildewcide can be added to provide extended mildew control.

When tinted to a semi-transparent stain, the color in **WOODguard XL** will weather and fade naturally, particularly on unshaded areas with a southern exposure. The rate of color fade will depend on the degree of sunlight or exposure, the depth of color produced by the amount of pigment added, and the porosity of the wood when coated. **WOODguard XL** does contain colorless titanium dioxide (TiO₂) UV blockers and micronized trans iron oxides.

AVAILABILITY:

1-gallon can and 5-gallon pail

Visit our website www.WOODguard.com or call 800-238-2523 for the dealer nearest you.

WARRANTY AND LIMITATION OF DAMAGES:

Seller warrants to those persons lawfully acquiring title to this product that at the time of the first sale of this product by seller this product conformed to its chemical description and that it was reasonably fit for the purposes stated on the product label when used both in accordance with the Directions for Use appearing on the product label and under normal conditions of use. Buyers and users of this product assume the risk of all loss or damage from use or handling of this product that results from their failure to read and comply with the Directions for Use of this product, which appear on the product label. **SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO.** Unless expressly prohibited by state law, the liability of seller for any breach of warranty shall not exceed the purchase price of the product as to which a claim is made.

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