

PRODUCT DATA SHEET

WOODGUARD® XL

Oil-Based Wood Preservative

PRODUCT DESCRIPTION AND BASIC USE

- A highly-durable, one-coat, oil-based, transparent, wood-preservative stain designed for log homes, siding, roofs and fencing.
- Oil formula provides long-term protection and water repellency by penetrating deeply into the wood
- Contains several transparent ultra-violet (UV) blocking pigments, which protect the finish from damaging ultra-violet rays and improve water repellency.
- 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.
- 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.
- Very effective on Eastern White Pine, Southern Yellow Pine, Cedar, Cypress, and other porous wood surfaces.
- Exceeds National Wood Window and Door Manufacturers Association and Federal Spec. 572 Swellometer water repellency requirements.
- Will not chip, crack or peel. When applied as directed, it leaves a uniform, "streak-free" appearance.
- 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).
- Has a cumulative effect inside the wood with each application.

Clear Woodguard XL gives a deeper finish to the wood's natural color. It contains colorless titanium dioxide (TiO₂), Zinc Oxide and "trans iron oxides" UV blockers to resist damaging ultra-violet rays. Custom colors can be achieved with the addition of machine colorants (tint). See your dealer for custom tinting of Woodguard XL. Un-tinted Woodguard XL is a translucent liquid that dries clear, depending on the wood substrate. Woodguard XL Clear requires the addition of pigments for maximum resistance to UV light. 4 oz. per one gallon by weight of machine colorants need to be present to achieve 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. Film-forming coatings (particularly latex coatings) may not adhere to surfaces treated with Woodguard XL. We do not recommend coating Woodguard XL-treated surfaces with a film-forming product.

Woodguard® is a registered trademark of IBC Manufacturing Company.

COLOR

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.

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. Available from the factory in the following colors: Tawny Cypress, Honey 2000, Honey, Dark Walnut, Warm Pecan, and Iron Gray

Always “box” colors when using buckets with pigmentation to assure uniformity of color.

See the Woodguard Preparation and Maintenance Guide for photos of each factory color on Eastern White Pine.

AVAILABILITY

Woodguard XL is available in 1-gallon can and 5-gallon pail.

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

EXPERT ADVICE

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

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

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

SURFACE PREPARATION OF UNFINISHED WOOD

Before applying Woodguard XL, ensure that the surface is clean and the wood is free of mill glaze and dry to <18% moisture content. If the wood has been treated with another product, it must be removed with a chemical wash.

For best results, the preferred method for surface preparation is as follows:

1. Spray the surface with clean water, thoroughly wetting the wood.
2. Generously apply a solution of TSP and an outdoor strength bleach using a garden pump-up sprayer (One cup of TSP dissolved in up to 3 gallons of warm water then add one quart of outdoor bleach).
3. While the surface is still wet, scrub with a stiff-bristled, nylon brush, and keep the surface moist for 15-20 minutes. (Do not let the solution dry on the wood). This will clean and open the Wood pores to really accept the Woodguard XL treatment.
4. Rinse the surface with clean water from the top down using a low-pressure (<500 PSI) high water volume sprayer positioned one foot from the surface.
5. After the excess water has dripped off the wood, measure the pH of the water droplets on the bottom log or board. If the pH is the same as the rinse water, you may go to the next area. If the pH is greater than that of the rinse water, additional rinsing is necessary. Proper rinsing is a very important step.
6. Let surface dry completely (moisture content below 18%) – usually after 3 days. Lightly sand with a fine- grit paper to remove “fuzz” formed from scrubbing action, and wipe off dust.

Also see the Preparation & Maintenance Guide

APPLICATION

Do not apply if rain is expected within 48 hours.

Do not apply Woodguard XL if the overnight low temperature is below 55°F/12.5°C or the daytime high temperature is above 95°F/35°.

At temperatures between 55-60°F, thin the Woodguard XL with turpentine or mineral spirits 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. Do not over-dilute, or reduced performance may result.

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** (until Woodguard XL starts to run). The more Woodguard XL that is absorbed, the longer the treatment will last. Expected coverage on new wood will be 150-300 sq. ft. / gal. Expect less coverage on old, weathered, uncoated wood (75-100 sq. ft. / gal.).

Apply evenly, from the top down, back brushing or back rolling to remove drips and sags as necessary to create a smooth, uniform coating. This may be a two-person job. You will not have lapping marks if you overlap adjoining freshly painted areas.

Clean tools with paint thinner or mineral spirits.

This treatment will give a long-lasting finish of 3-5 years, along with decay protection.

Cure time: approximately two weeks at 75°F (less if warmer).

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.

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. 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.

Woodguard XL should be reapplied 3 – 5 years after construction. Apply as needed in subsequent years. 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.

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 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!)

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.

See the Woodguard Preparation and Maintenance Guide or consult with our Woodguard expert advisors for further information:

Blairstown Distributors @ www.Blairstowndistributors.com 1-800-524-1093
Twin Creeks Log Homes @ www.twincreeksloghomes.com 1-800-299-8981

HANDLING AND STORAGE

KEEP OUT OF REACH OF CHILDREN

Do not handle until all safety precautions have been read and understood. See product label and Safety Data Sheet for hazards and precautions.

Observe good personal hygiene practices. Change protective gloves/clothing when signs of contamination appear.

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Mix contents before using. Do not allow to freeze.

For product emergencies, call Chemtrec toll free at 1-800-424-9300.

DISPOSAL

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

PESTICIDAL ACTIVITY

Woodguard XL is an EPA-registered 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 reoccurrence 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.

TECHNICAL DATA

		INGREDIENTS	
Flashpoint	>110°F (>230°F) Cleveland Closed Cup		
Viscosity	80-400 cps at 70°F (21°C); (Brookfield #2 at 20 rpm)	IPBC	0.450%
Pour Point	Approximately 32°F (0°C)	Propiconazole	0.125%
Volatility	Very low at room temperature	Inert Ingredients	99.425%
Density	7.61 lbs/gal. (914 g/l at 68°F-20°C)		
Corrosivity	Non-corrosive		
Stability	Stable under normal handling and storage conditions		
Storage	At least two (2) years storage at normal temperatures (up to 80°F, 27°C)		
VOC	Meets all state VOC requirements. Volatile Organic Compounds 86 grams per liter		

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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