



## STEP 2: WOOD COATING

### Beautify and Protect

#### IV. Wood Preservatives

##### *Option 1: For Above Ground Applications*

### **WOODLIFE® CLASSIC** **Clear Wood Preservative**

**Finished Look:** Totally clear (colorless), flat finish. See-through quality exposes wood's natural grain and allows original color and character to show through and gray naturally from UV exposure.



**Purpose:** A fungicidal wood preservative, use in above ground applications to prolong the structural integrity of wood, especially non-pressure-treated varieties. Protects new or weathered wood from:

- rot and decay due to mold, mildew and other fungi attack,
- dimensional change like splitting, warping or end-checking caused by water absorption.

Especially suited for non-pressure-treated Pine, Cedar and Redwood: because these wood types are NOT pressure-treated, they will benefit most from the additional rot and decay protection provided by this preservative finish.

Use as a final top-coat or under a primer, paint or stain.

**Product Type:** Water-Base.

#### **Where to Use:**

**Installation Types:** Use on above ground installations only.

**Wood Types:** All types of untreated lumber, plywood or engineered wood items. Also recommended for pressure-treated wood in mildew-prone environments, exposed to excessively humid or wet conditions.

#### **Recommended Projects:**

**Pre-construction:** Use as a preservative primer for structural lumber, windows, doors, frames, trim and other millwork, plywood, hard board, flake board and other exterior wood intended to be top-coated with paint or stain.

**Installed structures:** Decks, porches, steps, doors, fences, shake, shingle, clapboard and log siding, outdoor furniture and décor, gazebos and arbors, storage sheds *and more.*



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#### Why was this Product Developed?

*WOODLIFE Clear Wood Preservative* was developed to meet the needs of builders, painters and wood care contractors who needed to protect outdoor wood millwork, trim, siding and decking from water damage and fungi attack during the storage and construction process, as well as AFTER the building project was completed.

Standard oil-base water repellents of the day did not contain enough mildewcide to ward off mold and mildew attack while the lumber sat for months outdoors in warehouse storage, and the VOC content of these products was typically greater than Southern California and certain New York municipal regulations would allow. *WOODLIFE Clear* is a water-base product that provides users with an effective water repellent *preservative* that contains more than twice the amount of mildewcide to control and prevent mold and mildew growth on the wood while meeting all VOC regulations throughout the U.S.

#### What Makes This Product So Unique?

##### Fungicidal Preservative

To make *WOODLIFE Clear Wood Preservative* a “preservative”, it was formulated with more than double the mildewcide of traditional “clear” water repellents or pigmented stains, which results in the best protection possible against mildew, mold and other fungi attack. The mildewcide type and quantity in *WOODLIFE Clear* makes it a “preservative” as defined by the federal EPA, and the potent protection that results requires it to be registered and approved for sale by the EPA and each of the 50 states, a time consuming and costly step that typical water repellent sealers and stains do not have to undertake.

The added fungicidal preservative protection in *WOODLIFE Classic* makes it a special type of water repellent sealer. It will give *non-pressure-treated* wood such as Pine, Cedar and Redwood that extra protection against rot and decay from mold and mildew that the standard clear water sealer cannot provide. **This preservative is ideal for protecting lumber during outdoor storage and in the initial stages of construction on the jobsite as well as guarding against mildew and water damage protection when the project is completed.**

##### Water Repellent

In addition to its wood preservative component, *Classic's* water repellent component gives it water resistance and beading power, allowing it to **exceed federal requirements for water repellency**, and provide deck, fence and siding owners effective water damage protection.



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#### Paintable and Stainable

Because *WOODLIFE Classic Clear Wood Preservative* is 100% clear and colorless, it does not have the ability to resist UV graying from sun exposure. However, if a paint or stain is desired to provide beauty and color to the wood surface, *Classic* can be top-coated with any paint or stain that the owner desires. In fact, **the U.S. Forest Products Laboratory has conducted research that has proven that paint/stain top-coats have actually resisted peeling or blistering longer when *Classic* was present underneath!** When looking to paint or stain *non-pressure-treated* siding, fencing, decking or other outdoor wood structure above ground that would be prone to significant moisture exposure (and probable mildew attack), *WOODLIFE Classic* is an ideal choice.

#### Product Description:

- *WOODLIFE Classic Clear Wood Preservative* is a **totally clear, EPA-registered, fungicidal wood preservative with water repellent** which protects exterior untreated or pressure-treated wood in above ground installations from decay-producing fungi growth and water penetration.
- Unlike standard water sealers and non-preservative finishes and stains, *WOODLIFE Classic* protects the **wood itself** from mold, mildew and other staining fungi, rather than just the “coating film”.
- *WOODLIFE Classic* exceeds Federal specification TT-W-572B, parag. 3.7 for water repellency on wood. Designed specifically for wood, *Classic* outperforms “all-purpose” water sealing products in the control and prevention of mold, mildew and other fungi growth.

#### Key Performance Features:

- **EPA-registered, fungicidal wood preservative** protects against rot and decay.
  - Inhibits surface growth of mold, mildew and staining fungi.
  - Ideal as a preservative primer under a paint or stain top-coat.
- **Water repellent** resists moisture damage, including dimensional change like swelling, shrinking, warping, splitting and end-checking.
- **Anti-wicking property** helps stop moisture absorption through surface sides and end cuts.
- **100% Clear** – allows natural wood color to show through and gray naturally.
- **Paintable and stainable** after just 24 hours.
  - Add a pigmented top-coat to beautify wood and provide UV protection.
  - Preservative primer extends top-coat service life by inhibiting peeling and blistering.
- **Easy-to-use, quick drying, one coat coverage** saves time and effort.
  - 1-2 hour dry time means you can **clean and coat in one day!**
  - Cleans up quickly with water – no mineral spirits necessary!



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#### In-Can Characteristics:

The product is a milky-white solution in the can, and a whitish-wet appearance when first applied, but dries to a **colorless, clear finish**.

#### Usage Guidelines:

##### Where to Use:

**Installation Types:** Use on above ground installations only.

**Wood Types:** All types of untreated lumber, plywood or engineered wood items. Also recommended for **pressure-treated wood in mildew-prone environments**, exposed to excessively humid or wet conditions.

**Any Species:** Pine, Hemlock, and Fir, softwoods like Cedar and Redwood, and domestic hardwoods, such as Poplar, Hickory, etc.

##### Recommended Projects:

**Pre-construction:** Use as a preservative primer for structural lumber, windows, doors, frames, trim and other millwork, plywood, hard board, flake board and other exterior wood intended to be top-coated with paint or stain.

**Installed structures:** Decks, porches, steps, doors, fences, shake, shingle, clapboard and log siding, outdoor furniture and décor, gazebos and arbors, storage sheds *and more*.

##### How to Use:

**Before You Start:** All cutting, gluing and sanding should be done before applying this product. DO NOT use steel wool. Replace rotted, extremely weathered or warped boards. Make sure surface is completely dry and free of dust, dirt and debris. Cover surrounding landscaping and exposed brick, glass and aluminum or vinyl siding with cardboard, plastic or cloth tarps to protect from overspray.

**Weather Conditions:** Use product when outside air temperature is between 50° F and 90° F., and when no precipitation is expected for 24 hours. If surface is in direct sunlight and hot to the touch, dampen with fresh water to cool. Remove any standing water before beginning application.

**Product Preparation:** Mix thoroughly before use and stir occasionally during application. **Do not tint, dilute or mix with any other product.**



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#### Application Methods:

**DIP TREATMENT** prior to project construction is recommended. See “Coats Required” below and follow directions.

**AIRLESS SPRAYER** is recommended for existing wood installations, or when dipping is not possible.

- Use a .011-.021 inch tip; 250-500 psi.
- Adjust pressure when necessary to minimize over-spray and fogging.
- For best results, back-brush along grain any drips, runs, uneven coverage or puddles before product dries.

Also can be applied by pump-style sprayer, synthetic bristle brush, or short nap roller.

- Always work from end to end on a few boards at a time, and maintain a wet edge.

#### Coats Required:

**Pre-treat by dip method before construction.**

- **IMMERSE WOOD** in product for **three (3) minutes** or longer.
- Any surface cut after first treatment should be retreated.

**If dipping is not possible:**

- **APPLY ONE (1) LIBERAL COAT** by spray, brush or roller.
- **COAT END CUTS** with **three (3) or more consecutive coats** to give full protection.
- Allow at least one (1) hour between applications.  
Clean up overspray, drips or spatters as soon as possible.

**Dry Time:** At 75° F, 65% relative humidity:

**Touch:** 1 hour. **Walk-on:** 6 hours.

- Allow a **minimum 24 hours before installation** or using the treated surface.
- Allow a **minimum 24 hours before over-coating** with a primer, paint or stain. On humid days, longer initial drying time may be required.

**Coverage Per Gallon:** Approximately 150-250 sq. ft., depending on wood age and species, surface porosity and method of application.



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#### Clean Up:

**Wet Product: Soap and Water.**

- **Over-spray, coating spatters or spills** – wipe up with fresh water before they dry.
- **Tools and equipment** - clean immediately after use with warm, soapy water.

**Dried Product: Lacquer Thinner or Mineral Spirits.**

- **Over-spray, spatters or spills** - clean up with mineral spirits or lacquer thinner. *Caution: Never use lacquer thinner on plexiglass or vinyl. Use in a well-ventilated area, and wear heavy rubber gloves.*
- **Tools and equipment** - will require mineral spirits.

**Storage: Do not store near excessive heat. Keep container tightly closed when not in use.** Store in originally labeled container and in a storage area located in a cool place. Do not contaminate water, food or feed by storage or disposal. See container label for more details on storing and handling pesticides.

#### Other Technical Data and Precautions:

See Technical Data Sheet and container labeling for further information.