



## STEP 2: WOOD COATING Beautify and Protect

### II. Pigmented Finishes and Stains

#### *Option 1: A Transparent ("Clear"), Rich Oil Finish*

#### **Wolman® F&P® Finish And Preservative**

**Finished Look:** Transparent, natural wood colors impart a rich oil finish to wood. Transparent iron oxide pigments enhance wood's original color and reveal its natural grain and texture while protecting against graying from UV exposure.



**Purpose:** Beautifies and protects new or weathered wood from:

- rot and decay due to mold, mildew and other fungi attack,
- premature graying from UV exposure,
- water damage caused by moisture absorption.

Especially suited for new Cedar and Redwood, which, because it is not pressure-treated, will benefit most from the **rot and decay protection** provided by this **preservative** finish.

**Product Type:** Deep Penetrating Oil-Base.

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

**Wood Types:** All types of exterior wood, including naturally durable softwood species like Cedar and Redwood, pressure-treated lumber like Pine, Hemlock, and Fir, and domestic hardwoods, such as Poplar, Hickory, etc.

**Recommended Projects:** Decks, fences, shake, shingle and log siding, roofing shakes and shingles, boat docks, boardwalks and walkways, landscape timbers, outdoor furniture and décor, gazebos, arbors and trellises, storage sheds, spa cabinets, play sets *and more*.

#### **Why was this Product Developed?**

Wolman F&P Finish And Preservative was developed in the early 1990's to meet the needs of paint and wood care contractors who wanted a high quality, long-lasting, easy to apply "clear" oil finish for wood siding as well as decking.





## STEP 2: WOOD COATING

### Beautify and Protect

In the '90's, developing a transparent ("clear") oil stain that would protect wood siding meant considering what unique types of wood damage to control or prohibit. Unlike pressure-treated wood decking that is internally protected from insect and fungi attack, **modern day Cedar and Redwood is not pressure-treated, and is often harvested decades before it can build up its natural resistance to rot and decay, making it more vulnerable to surface decay from fungi attack.** Adding a wood preservative to a transparent oil finish could prolong the outer beauty of Cedar siding, and inhibit fungi growth (ie. black mildew staining) that could otherwise occur, especially on the north side of a house that never sees the sun, and in humid, well-shaded or habitually wet areas.

### What Makes This Product So Unique?

#### Wood Preservative

To make *Wolman F&P* a "preservative", it was formulated with more than double the mildewcide of traditional "clear" oil stains, which results in the best protection possible against mildew, mold and other fungi attack. The mildewcide type and quantity in *F&P* makes it a "preservative" as defined by the federal EPA, and the potent protection that results requires *F&P* to be registered and approved for sale by the EPA and each of the 50 states, a time consuming and costly step that typical clear oil finishes and stains do not have to undertake.

The added fungicidal preservative protection in *F&P* makes it a "premium" clear wood finish ideally suited for Cedar and Redwood siding and roofing as well as decking lumber. But no matter what type of wood species or project it is used on, even pressure-treated decks, *F&P's* unique wood preservative system ensures the best possible wood protection against surface rot and decay caused by mold and mildew.

#### Water Repellent

In addition to its wood preservative component, *F&P's* water repellent components give it long-term water resistance and beading power, allowing it to **exceed the federal requirements for water repellency**, and provide deck, fence and siding owners long-lasting water damage protection. In fact, *F&P* is **guaranteed to prevent water damage for 3 years!**

#### UV-Resistant

And, to withstand UV attack, which tends to fade even the most opaque stains and paints over time, *F&P* incorporates UV- blocking transparent iron oxide pigments coupled with advanced UV absorbers to resist premature color fading and prevent wood graying.





## STEP 2: WOOD COATING

### Beautify and Protect

To summarize, *F&P* was formulated to provide the MAXIMUM protection possible in a clear, transparent wood finish. It protects against sun and water damage, *plus* rot and decay caused by fungi organisms, making *F&P* a COMPLETE protective finish for ANY outdoor wood project, as shown in the chart below:

	EPA Registered Preservative Protects Against Rot and Decay	EPA Registered Preservative Protects Against Mildew Growth on the Wood Surface	Superior, Long-Term Water Repellency	Ultraviolet Light Damage Protection
<b>Wolman F&amp;P</b> Finish And Preservative	YES  Federal EPA Registration number must appear on the can. <b>Check the label!</b>	YES  EPA registered protection means no unsightly mildew growth.	YES  Meets Federal Water Repellency Specification TT-W-572-B	YES  "Dual Action" UV Blockers & Absorbers Resist Color Fade And Wood Graying
<b>Other Leading Clear Oil Finishes/ Stains</b>	NO	NO	NOT ALL – Check the label!	YES

### Product Description:

- *F&P Finish And Preservative* is a premium performance, oil-base, natural wood colored exterior wood finish and preservative which provides exceptional UV protection, water repellency and prevention of decay-producing fungi growth on the wood surface.
- Unlike standard water sealers and non-preservative finishes and stains, *F&P* protects the wood itself from mold, mildew and other staining fungi, rather than just the "coating film".
- *F&P* exceeds Federal specification TT-W-572B, parag. 3.7 and WDMA Specification M-2-81 for water repellency on wood. Designed specifically for wood, *F&P* outperforms "all-purpose" water sealing products.

### Key Performance Features:

- **GUARANTEED Performance for 3 Years:**
  - Protects against rot and decay,
  - Prevents water damage like splitting and warping,
  - Resists peeling and blistering.
- **Transparent, natural wood colors:**
  - Beautify new wood and renew weathered wood.
  - Reveal and enhance original wood grain and texture, especially on new wood.



## STEP 2: WOOD COATING

### Beautify and Protect

- **“Dual Action” UV protection:**
  - Uses blockers and absorbers to prolong color, resist fading and premature wood graying.
  - Keeps new wood looking new, not weathered.
- **EPA-registered preservative** prevents surface mold and mildew growth, rot and decay.
- **Long-term water repellency** protects against cracking, splitting, warping.
- **Deep penetrating oil formula:**
  - Delivers mildewcide and water repellent deep into the wood.
  - Gives wood a warm, attractive glow.
  - Will not peel or blister.
- **Easy to use** - brush or spray on, soap and water clean up.\*

\* clean wet product off tools and unintended surfaces immediately with soap and water. If dry, see “Clean up” instructions.

### Other Important Characteristics:

- **Max. 350 g/l V.O.C.** - compliant in all states except SCAQMD counties in CA.
- **High solids formula** - avg. 70% solids by weight.

### Usage Guidelines:

#### Where to Use:

**Wood Types:** All types of exterior wood, including **pressure-treated lumber** like Pine, Hemlock, and Fir, **highly resinous softwoods** like Cedar and Redwood, and **domestic hardwoods**, such as Poplar, Hickory, etc.

**User Tip on new pressure-treated wood:** New generation (non-CCA) pressure-treated lumber, when initially installed, may develop pronounced mildew growth during the first few months of weathering. To reduce or avoid mildew stain on the coating film and immediately protect against water damage:

- 1) pre-treat with *RainCoat® Clear Water Repellent – Oil-Base Formula* for the first season (minimum 6 months or more), or
- 2) allow wood to season/dry out for 1 to 3 months before applying this product.

**Recommended Projects:** Decks, fences, shake, shingle and log siding, roofing shakes and shingles, boat docks, boardwalks and walkways, landscape timbers, outdoor furniture and décor, gazebos, arbors and trellises, storage sheds, spa cabinets, play sets and more.



## STEP 2: WOOD COATING

### Beautify and Protect

#### How to Use:

**Before You Start:** Prior to project start date, perform a trial brush out in several inconspicuous areas to ensure the desired color is achieved. (Color appearance will vary depending on wood species, age, surface porosity and application method). Replace rotted, extremely weathered or warped boards. Make sure surface is completely dry and free of dust, dirt and debris. Cover all areas not intended to be coated. Thoroughly rinse these areas before and after application.

**Reminder:** Before applying *F&P*, or any oil-base product, wait at least 24 hours after cleaning, stripping or powerwashing to allow water-soaked wood to dry out sufficiently. Oil-base finishes will not properly penetrate wood that is water-saturated.

**Weather Conditions:** Use product when outside air temperature is between 50° F and 90° F., and when no precipitation is expected for 24 hours. DO NOT apply to wood that is in direct sunlight and/or hot to the touch to prevent premature evaporation.

**Product Preparation:** Intermix (“box”) multiple gallons of the same product in a separate container to ensure a uniform color. Mix thoroughly before use and stir occasionally during application. **Do not tint, dilute or mix with any other product.**

#### Application Methods:

**For quick application, use airless sprayer or HVLP sprayer.**

- Use a .011 inch tip; 250-500 psi.
- Adjust pressure when necessary to minimize over-spray and fogging.
- **Use caution – do not over-saturate surface** or allow to puddle to prevent shiners, tackiness, excessive dry time or uneven appearance when dry.
- For best results, back-brush any drips, runs, uneven coverage or puddles.

Also can be applied by **pump-style sprayer, natural or synthetic bristle brush, or short nap stain pad.**

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



## STEP 2: WOOD COATING

### Beautify and Protect

#### Coats Required:

**Horizontal Surfaces: One (1) liberal, uniform coat** on decks and other horizontal surfaces.

- Thoroughly coat all exposed surfaces until wood will not absorb additional product, and avoid puddling.
- **Only if wood is highly porous is a second coat recommended.** (To test for this condition, check the penetration rate of the first 30 sq. ft. area coated. If the coating is dry to the touch in 15 minutes or less, then another light coat may be applied no later than one hour after first coat. Only half the amount of product is necessary for the second coat.)

**Vertical Surfaces: Apply two (2) wet-on-wet coats** on shake, shingle, log or lap siding, roofing, fencing and other vertical surfaces.

- Do not allow product to dry fully between coats.
- Apply second coat within 6 hours of the first coat.

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

	<u>Horizontal Surface</u>	<u>Vertical Surface</u>
<b>1st Coat:</b>	2-6 hours	6-8 hours
<b>2nd Coat:</b>	10-18 hours	24 hours

- Because temperature and humidity fluctuates, allow a **minimum 24-48 hours** before allowing seating or foot traffic on horizontal surfaces, outdoor furniture or play equipment.
- **Wait 72 hours** to return/reposition furniture and appliances on deck or porch floor, and avoid dragging across surface.

**Coverage Per Gallon:** Actual coverage will vary depending on wood age, species, surface porosity and method of application:

**Rough Wood:** Approx. 150-200 sq. ft./gallon

**Smooth Wood:** Approx. 200-300 sq. ft. /gallon

If surface requires two coats, second coat will cover 50-100 sq. ft. more per gallon than first coat.



## STEP 2: WOOD COATING

### Beautify and Protect

#### Clean Up:

**Wet Product:** Soap & Water or Mineral Spirits.

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

**Dried Product:** Lacquer Thinner/Paint Stripper or Mineral Spirits.

- **Over-spray, spatters or spills** - clean up with lacquer thinner or paint stripper. *Caution: Never use lacquer thinner on plexiglass or vinyl.*
- **Tools and equipment** - will require mineral spirits.

**Storage:** Keep container tightly closed when not in use. Store in originally labeled container and in a storage area located in a cool place. Keep container and freshly treated articles away from high temperature areas, sparks, fire or open flame. Remove sources of ignition if this product is released or spilled. 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.