



STEP 2: WOOD COATING Beautify and Protect

III. Exotic Hardwood Treatment

Wolman® E-H-T® Exotic Hardwood Treatment

Finished Look: Translucent, natural wood color dries to a matte finish. Imparts a natural brown tone to bare wood. See-through color quality reveals exotic hardwood’s natural grain and texture, and complements the original wood color. Ideal for new wood installations.

Purpose: Beautifies and protects new or weathered wood from premature UV graying/silvering and water damage, including cracking and checking caused by water penetration. Provides a mildew-resistant coating – inhibits mildew growth on the coating film.

Maintains a “like-new” appearance on new wood and restores weathered wood to its original, natural look.

Product Type: Water-Base with modified oils.

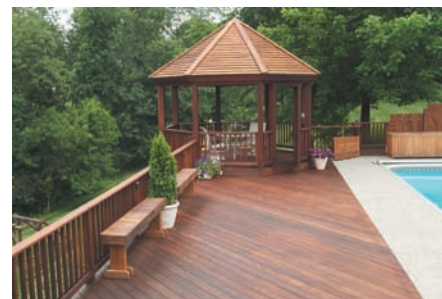
Where to Use:

Wood Types: All species of exotic hardwoods, including Mahogany, Ipe’, Ironwood®, Pau Lope®, Teak and others. May also be used on pressure-treated lumber, Cedar, Redwood and other North American hardwoods.

Recommended Projects: Decks, porches, boat docks, boardwalks and walkways, outdoor furniture and décor, spa cabinets, gazebos, arbors *and more*.

Why was this Product Developed?

The popularity of tropical, exotic hardwoods for deck, dock and boardwalk construction has grown substantially during the early years of the 21st century. Why? As importation of Central and South American hardwood species grew along U.S. coastal ports, builders discovered their inherent strength, stability and natural resistance to decay and insect attack, jump starting their use in commercial and residential deck construction. Demand is expected to continue to rise in the foreseeable future, especially among owners of custom-built homes and commercial properties like hotels, resorts and restaurants. Owners of these properties are able to afford “premium grade” lumber, and are particularly fond of the heavyweight, very dense, decay-resistant hardwoods. The appeal of exotics lies in the expectation that Mahogany, Ipe’, Ironwood® and other tropical hardwoods will be “maintenance-free” because they are rot and decay resistant and do not readily absorb moisture, which highly reduces the chance of cracking, splitting or warping from water penetration.





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However, owners of exotic hardwood decks have discovered that the surface still degrades from UV exposure, and in short order will turn silver-gray, sometimes in as few as 3 months. And, coating this lumber with traditional, transparent-colored, hardwood oil finishes does not alleviate the problem – these finishes usually fade away after the first season of UV exposure.

To solve the premature weathering phenomenon that traditional transparent oil finishes display on tropical hardwoods, *Wolman EHT Exotic Hardwood Treatment* was created to overcome premature fading and deliver the maximum durability possible on these highly dense, difficult-to-coat species. *EHT* restores the original, natural brown color to exotics, resists UV damage and adheres to the surface better than oil base alternatives, and delivers necessary mildew protection on the coating film. Finally, outdoor weathering of dense hardwoods makes them vulnerable to surface cracking and checking, so *EHT* provides water repellent protection in a water beading formula.

What Makes This Product So Unique?

Water-base/Oil Combination

Only *EHT* combines the adhesion-promoting benefit of a waterborne coating with penetrating, modified oils!

Together the fast drying, water-base/oil combination provides optimum compatibility with tropical hardwood – the modest film stands up to UV weathering while the oils penetrate and condition. Plus, because *EHT*

is a waterborne coating treatment, deck care contractors inherit a finish that dries in 1-2 hours and can be applied to “damp” wood. Why is that so special? Because, unlike most “hardwood finishes” that are oil base and require wood to dry a minimum 24 hours after cleaning/stripping, *EHT* can, in all likelihood, be applied just a few hours after cleaning, so a contractor can literally “clean and coat in one day”. Combined with easy soap and water cleanup, this product maximizes efficiency, reducing the time and effort required to complete the maintenance project.

Superior Color Retention in a Natural Wood Tone

In addition, **UV blocking pigment boosted with a concentrated UV absorber helps maximize color retention far beyond that of traditional oil finishes**, a feature homeowners expect for the major investment made in these hardwoods. Side-by-side exposure results show that *EHT*'s coating color lasts a full year (and beyond in many cases) without showing significant color change, as opposed to traditional oil finishes, which can literally disappear in as little as 4 months in moderate sun zones, such as the mid-atlantic U.S. Homeowners have stated that *EHT* actually returns their hardwood to its brand-new “wet” look, which they are reminded of after a rain shower. The dark brown “wet” look of unweathered Mahogany and Ipe’ were inspiration for the natural brown tone that *EHT* imparts to exotic hardwoods. When dry, translucent *EHT* beautifully reveals the wood’s grain and complements its original color. Even Teak furniture looks professionally stained and “like new” with one coat of *EHT*.





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Product Description:

- *EHT Exotic Hardwood Treatment* is a premium performance, **lightly pigmented, waterborne coating treatment** designed to protect difficult-to-coat exotic hardwoods from premature UV graying/silvering, water damage and mildew growth on the coating film.
- **UV absorber and blocking pigment combination helps resist UV graying/silvering and color fading longer** than traditional oil finishes made for hardwood.
- Its **long-term water beading and repellent qualities** helps it perform longer than traditional water sealers.
- Unlike oil base sealers, it is a **one coat, fast drying, water clean up** coating.

Key Performance Features:

- **“Universal” translucent, natural brown tone:**
 - Reveals original wood grain and texture.
 - Complements original wood color,
 - Maintains that brand-new, “wet” look.
- **Concentrated UV-blocker/absorber combination:**
 - Prolongs coating color retention,
 - Resists premature fading,
 - Reduces necessary maintenance to once-a-year or less.
- **Immediate application to new wood prevents premature UV damage.**
- **Mildew-resistant coating film keeps wood free of mildew stain.**
 - Protects against cracking, checking and other dimensional damage.
 - Beads water and stops moisture penetration longer than traditional water “sealers”.
- **Penetrating oils** optimize adhesion and durability, and renew weathered wood.
- **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.

Other Important Characteristics:

- **Max. 250 g/l V.O.C.** - compliant in all 50 states, including CA.
- **Can be applied to damp wood** – so you can “clean and coat in 1-day”.

Usage Guidelines:

Where to Use:

Wood Types: All species of exotic hardwoods, including Mahogany, Ipe[®], Ironwood[®], Pau Lope[®], Teak and others. May also be used on pressure-treated lumber, Cedar, Redwood and other North American hardwoods.

Recommended Projects: Decks, porches, boat docks, boardwalks and walkways, outdoor furniture and décor, spa cabinets, gazebos, arbors *and more.*



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How to Use:

Before You Start: Prior to project start date, perform a trial brushout in several inconspicuous areas to ensure the desired look is achieved. (Color appearance varies depending on wood age, species, surface porosity and method of application). Make sure surface is dry and free of dust, dirt and debris. Cover all surrounding areas not intended to be coated. Intermix multiple gallons of the same product in a separate container to ensure a uniform color.

Important: If the surface is in direct sunlight and hot to the touch, it must be cooled down before coating application. Liberally dampen with fresh water to cool, then remove standing water before beginning application.

Surface Preparation: Due to the very dense nature of Mahogany, Ipé, Ironwood® and other exotic hardwood species, it is critical to clean the surface and open the pores of the wood prior to sealing or staining for proper coating penetration, adhesion and long term performance. For example, water puddles that remain intact for 20 minutes or more indicate the wood surface is not porous enough to allow the coating to penetrate or adhere properly.

To properly prepare the surface, use *Wolman Deck & Fence Brightener liquid concentrate* or *DeckStrip Stain & Finish Remover* based on WOOD CONDITION instructions below. Use product(s) as described on label. For best results, scrub surface with *Wolman WoodWorx Deck Brush* and follow with power-washing. After surface preparation, perform a "Splash Test" to confirm adequate water absorption before applying this product.

Wood Condition:

Uncoated, New Wood – To open wood pores before coating, prepare exotic hardwood with *Wolman Deck & Fence Brightener liquid concentrate*.

Uncoated, Weathered Wood – Before coating, weathered wood must be thoroughly cleaned to remove ground-in dirt, mildew, mold and algae stains, black tannin stains, gray or silver, UV-damaged wood fibers, and any other surface contaminants. To clean exotic hardwood, use *Wolman Deck & Fence Brightener liquid concentrate*.

Previously Coated, Weathered Wood – Previous coatings should be removed before application of this product.

- If coated with a clear water sealer, *Wolman Deck & Fence Brightener liquid concentrate* should be used to restore the surface and remove residual coating/water repellency.
- If a pigmented oil or latex coating exists, use *Wolman DeckStrip Stain & Finish Remover* to strip away coating. (After stripping, exotic hardwoods may exhibit black tannin stains on the surface, giving wood an overall darkened appearance. If this occurs, use *Wolman Deck & Fence Brightener liquid concentrate* according to label directions to remove tannin stains.



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Weather Conditions: Use product when outside air temperature is between 50° F and 90° F, and when no precipitation is expected for 24 hours. **Reminder: DO NOT coat exotic hardwood that is in direct sunlight and hot to the touch – work earlier or later in the day when surface temperature is cooler, OR, dampen with fresh water to cool,** then remove standing water before coating.

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

Application Methods:

- **For quick application, use airless sprayer.** Use a 4-5 inch fan; 013-.015 inch tip; 250-500 psi. Using a stain pad, back-pad along grain uneven coverage or puddles.
- **Also can be applied by short nap stain pad, especially on railing and spindle/post surfaces.** A stain pad is recommended over a brush, because it leaves no “brush marks” on the very dense surface that prohibits the typical, quick absorption of coating. **When using a pad, make long, even strokes in one direction, avoid back and forth movements, and maintain a wet edge.** Work from dry surface into wet coating to help avoid lap marks. **Cut in with synthetic bristle brush where pad will not reach.**

Coats Required: One (1) coat is sufficient. DO NOT OVER-APPLY OR PUDDLE. Clean up overspray, drips or spatters as soon as possible.

Coverage Per Gallon: Approximately 300-350 sq. ft., depending on wood age and species, surface porosity and method of application.

Dry Time: At 75° F, 65% relative humidity: **Touch:** 1-2 hours. **Walk-on:** 6 hours. Because temperature and humidity fluctuates, **allow a minimum 24 hours** before placing furniture or allowing seating or heavy foot traffic on horizontal surfaces. Avoid dragging furniture across surface.

Clean Up: Wet: Fresh water. **Dry:** Mineral spirits. Clean up overspray, drips or spatters on surrounding surfaces before they dry. Clean up tools and equipment immediately after use.

Storage: KEEP FROM FREEZING. Keep container closed when not in use.

Other Technical Data and Precautions:

See Technical Data Sheet and container labeling for further information.