



STEP 2: WOOD COATING Beautify and Protect

II. Pigmented Finishes and Stains

Option 2: *A Richly Pigmented, Semi-Transparent, Matte Finish*

Wolman® DuraStain® Semi-Transparent Stain

Finished Look: Deeply pigmented, semi-transparent colors impart a beautiful matte finish to wood. Retains color longer than traditional semi-transparent stains due to its deep, rich, more opaque color pigmentation, which prolongs color life, resists fading, and prevents UV graying. **Though strong in color saturation, DuraStain Semi -Transparent colors still reveal wood's natural grain and texture.**

Purpose: Beautifies and protects new or weathered wood from:

- UV graying from moderate to severe sun exposure,
- mildew growth on the coating film,
- water damage caused by moisture absorption,

while offering superior durability, color longevity and ease of use.

Especially suited for wood exposed to severe sun or older wood that has not been maintained regularly, shows signs of wear and tear or is blemished, marred or gouged from heavy use and/or frequent pressure-washing.

Product Type: Unique Alkyd/Acrylic Blend; Water-Base.

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.

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

Why was this Product Developed?

The origin of the *Wolman DuraStain* formula goes back to the late 1980's, when a semi-transparent stain was added to the product line. Consumer demand in those days, much like it is today, sought a "stain" that would "last" as long as possible, while still allowing the wood grain and texture to show through. The *DuraStain* formula was built to provide





STEP 2: WOOD COATING

Beautify and Protect

maximum color retention for horizontal surfaces especially, since UV exposure on deck, porch, dock, and other walking surfaces is significantly more damaging than on siding, fencing and other verticals.

The penetrating alkyd formula was also boosted by an acrylic resin to give the stain scuff and abrasion resistance, so it would withstand heavy foot traffic and frequent furniture movement. Compared to other contemporary semi-transparent stains, *DuraStain's* **more opaque pigmentation and added acrylic durability make it a longer lasting, "best in class" product.** This fact has been supported by long-term outdoor exposure testing by an independent consumer organization, which **rated it the #1 semi-transparent stain performer four years in a row** as of this edition's printing.

What Makes This Product So Unique?

Color Fast, Fade Resistant

Highly UV-resistant, iron oxide pigments give *DuraStain* its deep color saturation and color fast, fade-resistant quality. **The rich pigmentation gives this "one coat" product tremendous hide**, especially over previously coated or old, weathered wood, **and allows for less frequent maintenance in severe sun climates** where typical semi-transparent can fade in as fast as a year.

In addition, *DuraStain* colors are made from "factory dispersed" pigments, which simply means that the pigment is ground into the product on the manufacturing line, rather than "post-added" at the retail store with tint colorants. **The benefit of factory dispersion is significant: it allows the stain to withstand UV degradation longer than if it was a "tint base" custom-tinted at a store!** Tint colorants are made differently than ground-in pigments, and simply cannot provide the same fade resistance to UV sun exposure. In contrast to other brands' tint bases, *DuraStain* premixed colors are short-filled 4 ounces to allow moderate custom-tinting to create additional shades. **With *DuraStain*, you get the "best of both worlds" – maximum color retention in a custom-tintable can! Plus, a 3 year guarantee against UV-graying from sun damage.**

Water-base, Alkyd/Acrylic Blend

As mentioned above, *DuraStain's* alkyd/acrylic blend also differs from traditional semi-transparent stains, nearly all of which are oil base products. To achieve a traffic-tough, highly durable stain for walking surfaces, **blending an acrylic into the predominantly alkyd formula – which is guaranteed for 3 years to resist peeling/blistering – gives *DuraStain* maximum durability underfoot.** Here too, we like to say *DuraStain* gives users the "best of both worlds" – it penetrates like oil and protects like acrylic for the longest lasting performance possible.

And because it uses a waterborne carrier, *DuraStain* is a **quick-drying, water clean up** product and can also be applied to "damp" wood, which allows it to be used just a few hours after cleaning, so a contractor can literally "clean and coat in one day".



STEP 2: WOOD COATING

Beautify and Protect

Water Repellent/Mildew Resistant

Since *DuraStain* was originally created for use on decks and docks, rather than strictly siding or other verticals, **the same mildewcide and water repellent components that make *Wolman RainCoat Water Base* so effective against mildew staining and water penetration are present in this stain.** The benefit? Long-term mildew resistance, water resistance and beading power. Like *RainCoat*, *DuraStain* **exceeds federal requirements for water repellency**, providing deck, fence and siding owners with long-lasting water damage protection. **And like *RainCoat* and *F&P*, *DuraStain* is guaranteed to prevent water damage for 3 years!**

Product Description:

- *DuraStain Semi-Transparent Stain* is a premium performance, alkyd/acrylic, water base exterior wood stain which provides exceptional color retention, superior durability and maximum protection against UV graying, water damage and mildew growth on the coating film.
- Its deep, rich pigmentation allows it to retain color and resist fading longer than typical "semi-transparent" stains.
- It exceeds Federal requirements for water repellency.

Key Performance Features:

- **GUARANTEED Performance for 3 Years:**
 - Prevents graying from UV sun exposure,
 - Prevents water damage, such as splitting and warping,
 - Resists peeling and blistering of the coating film.*
 - **Richly pigmented, high saturation colors:**
 - Resist fading, prolong color retention and provide greater UV protection than traditional semi-transparent stains.
 - Help hide weathered wood flaws, but still reveal original wood grain and texture.
 - **Premix colors are tintable up to 4 ozs.:**
 - Allows creation of custom shades from premixed shelf colors.
 - Colors last longer than traditional "tinted bases", due to higher concentration of factory dispersed pigments.
 - **High-hiding, one coat coverage:**
 - Eliminates need to add second coat to achieve strong color saturation.
 - Ideal for coating old, weathered surfaces or recoating previously, semi-transparent stained wood.
 - **Unique alkyd/acrylic formula blend:**
 - Penetrates like oil and protects like acrylic!
 - Provides superb adhesion to problematic or previously coated surfaces.
 - Beautifies new wood and renews weathered or reconditioned wood.
 - Weathers slowly by erosion – will not peel or blister.*
- *Surface must be prepared per label instructions prior to stain application.
- **Durable, scuff-resistant finish** withstands heavy foot traffic and furniture abrasion.



STEP 2: WOOD COATING

Beautify and Protect

- **Long-term water repellency** protects against water damage:
 - Prevents **splitting and warping**; minimizes cracking and checking.
 - **Beads water and stops moisture penetration** longer than traditional semi-transparent stains.
 - **Exceeds Federal requirements** for water repellency on wood.
- **Mildew-resistant** coating film keeps wood free of mildew stain.
- **Easy to use, quick drying formula:**
 - 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 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, porches, fences, shake, shingle and clapboard siding, boat docks, boardwalks and walkways, outdoor furniture and décor, gazebos, arbors and trellises, storage sheds, spa cabinets, play sets *and more*.

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 dry and free of dust, dirt and debris. Cover all areas not intended to be coated.



STEP 2: WOOD COATING

Beautify and Protect

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 application.

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 dilute or mix with any other product.

Application Methods:

For quick application, use airless sprayer.

- Use a .015-.022 inch tip; 250-500 psi.
- Adjust pressure when necessary to minimize over-spray and fogging.
- For best results, back-brush any drips, runs, uneven coverage or puddles.

Also can be applied by **nylon 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.

Coats Required:

- **One (1) liberal coat is sufficient.** Clean up overspray, drips or spatters with water as soon as possible.
- **If a second coat is desired, wait a minimum 72 hours** to allow first coat to adequately cure.

Dry Time: At 75° F, 65% relative humidity: **Touch:** 2 hours. **Walk-on:** 6-12 hours.

- Because temperature and humidity fluctuates, **allow a minimum 24 hours** before allowing seating or heavy foot traffic on horizontal surfaces.
- **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. 150-250 sq. ft. / gallon

Smooth Wood: Approx. 300-350 sq. ft. / gallon

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

Clean Up: Wet: Fresh water. **Dry:** Mineral spirits. Clean up over-spray, drips or spatters as soon as possible on surrounding surfaces before they dry.

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.