



# Technical Data Sheet

Wolman Wood Care Products  
ZINSSER Co., Inc.

An RPM Company

2110 William Pitt Way, Bldg. #A6, Pittsburgh, PA 15238

## DuraStain® Semi-Transparent Stain

### Description

**Wolman® DuraStain® Semi-Transparent Stain** is a premium performance, alkyd/acrylic, water-base exterior wood stain designed to provide long-lasting color retention, superior durability and protection against UV graying, water damage and mildew. Available in a Neutral Tint Base or premixed colors, all are short-filled for custom-tinting with universal colorants. DuraStain is fortified with a mildewcide and a powerful water-repellent system that enables it to exceed Federal requirements for water repellency and maximize resistance to wood cracking, checking, splitting and warping. Plus, the unique, highly rated alkyd/acrylic formula produces a durable, scuff-resistant finish while deeply penetrating new or weathered surfaces, renewing and conditioning wood for years of weather-beating endurance.

### Special Features

- **Alkyd/Acrylic Blend Penetrates Like Oil and Protects Like Acrylic** for the longest-lasting performance possible.
- **Neutral Tint Base covers full range of pastels to deep dark shades** - by adding up to 12 ounces of universal colorants.
- **Premix Colors can be Custom-Tinted** by adding up to 4 ounces of universal colorants.
- **Deeply Pigmented, One-Coat Coverage Resists Fading Longer and Requires Less Frequent Maintenance** - ideal for previously coated or old, weathered surfaces.

### Finished Look

**DuraStain Semi-Transparent Stain** beautifies wood with richly pigmented color, and dries to a matte finish.

Unlike traditional semi-transparent stains, DuraStain's deep, rich, more opaque color pigmentation prolongs color life, resists fading and protects against UV graying. Though strong in color saturation, it still exposes the wood's natural grain and texture.

### 3/5 Year Performance Guarantee

For a minimum of 3 years on decks, 5 years on siding, this product will:

- ◆ **Prevent Graying**
- ◆ **Prevent Water Damage**
- ◆ **Resist Peeling and Blistering**

DuraStain's exceptional formula prevents wood graying, water damage and significantly outlasts other semi-transparent coatings without peeling or blistering. As a result, **Wolman guarantees these performance properties under ALL weather and climate conditions.**

### Recommended Uses

**FOR EXTERIOR, ABOVE GROUND USE ONLY.**

**WOOD TYPES:** Use on all species of pressure-treated lumber, Cedar, Redwood, Poplar, Hickory and other North American hardwoods.



**PROJECTS:** Use to beautify and protect decks, porches, fences, shake, shingle & clapboard siding, boat docks, boardwalks, outdoor furniture & decor, spa cabinets, gazebos, arbors & trellises, storage sheds, play equipment/swing sets and more.

### Surface Preparation

The preparation process outlined below should be followed to ensure adequate penetration, coloration and optimum performance of this product.

#### Step 1 – Prepare the Surface:

Use **Wolman® DeckBrite™ (Powder Concentrate)**, **Deck & Fence Brightener (Liquid Concentrate)** or **DeckStrip®** products based on **WOOD CONDITION** instructions below. After preparation, conduct Splash Test on bare wood to confirm water absorption before applying this product.

**NOTE: Chlorine bleach cleaners alone are not recommended.** These products degrade the wood structure, interfering with penetration and adhesion of protective coatings.

#### Wood Condition:

**Previously Coated, Weathered Wood** – 1) For best results, strip **pre-existing weathered stains** to create a bare, sound surface for optimal stain adhesion and long-term durability. To remove oil, alkyd or latex, water base stains, use **Wolman DeckStrip® Stain & Finish Remover**; for 100% acrylic solid or semi-solid stains, use **DeckStrip®-ASR Acrylic Stain Remover**. 2) For **pre-existing stains in a sound condition**, and for **weathered transparent finishes, toners or clear sealers**, thoroughly clean with **Wolman DeckBrite** powder concentrate or **Deck & Fence Brightener** liquid concentrate to remove embedded dirt, mildew stains, residual coating material and water repellency. According to label guidelines, select the appropriate cleaning product for your wood type and rinse with a pressure washer for best results. When dry, scrape off and sand any remaining loose flaking or peeling coating.

**Uncoated, Weathered Wood** – Before staining, bare, weathered wood must be thoroughly cleaned to remove the grayed, UV-damaged wood surface, ground-in dirt, mildew and algae stains, and other surface contaminants. According to label guidelines, select the appropriate product for your particular wood type, either **Wolman DeckBrite** powder concentrate or **Deck & Fence Brightener** liquid concentrate. After wood is rinsed and dry, conduct a Splash Test (see Step 2).

**Uncoated, New Wood** – It is important to open wood pores and remove any surface barrier which would prevent the proper penetration or adhesion of a new coating. If pressure-treated lumber, excess surface wax or excessive internal moisture content may be present. If new Cedar or Redwood, “mill glaze” on the surface is a common condition. Eliminate these barriers by using either *Wolman DeckBrite* powder concentrate or *Deck & Fence Brightener* liquid concentrate. According to label guidelines, select the appropriate product for your particular wood type. After wood is rinsed and dry, conduct a Splash Test (see Step 2).

### Step 2 – Perform a Splash Test:

To conduct a Splash Test, sprinkle several handfuls of water on a few distinct areas of the bare wood surface. If the water absorbs rapidly, the surface is ready to be coated. If the water beads, puddles or is not absorbed, an internal or external barrier exists, and must be eliminated before staining can begin. Repeat use of the wood cleaner and conduct Splash Test again.

### Recommended Application Method

#### **Homeowner/DIY'er:**

**Brush** – Nylon or synthetic bristle. Always work from end to end on a few boards at a time, and maintain a wet edge.

**Stain/Paint Pad** – Short nap style.

#### **Professional Contractor:**

**Airless Sprayer** – Use a .015-.022 inch tip and 100-mesh filter screen; 250-500 psi. Back-brush along grain any drips, runs, uneven coverage or puddles.

### Application Instructions

**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 and surface porosity). Replace rotted, extremely weathered or warped boards. Make sure entire wood 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 color in a separate container to ensure a uniform color. Do not dilute or mix this product with any other product. Mix product thoroughly before use and stir occasionally during application.

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

**Recommended Number of Coats – APPLY ONE (1) LIBERAL COAT.** If a second coat is desired, wait a minimum 72 hours to allow first coat to adequately cure. Clean up over-spray, drips or spatters with water as soon as possible.

**CAUTION: BARE WOOD OR COATED SURFACES CAN BECOME SLIPPERY WHEN WET.** Use caution when walking on wet surfaces.

**Coverage Rate** – Actual coverage will vary depending on wood age and species, surface porosity, method of application.

**ROUGH WOOD:** Approx. 150-250 sq. ft. / gallon

**SMOOTH WOOD:** Approx. 300-350 sq. ft. / gallon

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

**TOUCH:** 2 hours

**WALK-ON:** 6 – 12 hours

Because temperatures and humidity fluctuate, **allow a minimum 24 hours** before allowing seating or heavy foot traffic on decks, docks, boardwalks, outdoor furniture or play equipment. **Wait 72 hours to return/reposition furniture** on deck or porch floor, and avoid dragging across surface.

**Clean Up** – Clean tools and equipment immediately after use with water; for dried product, use mineral spirits. Clean up over-spray, drips or spatters on surrounding surfaces with fresh water before they dry. If dried, use mineral spirits or lacquer thinner.

**Storage – KEEP FROM FREEZING.**

### Water Repellency

**Guaranteed to Prevent Water Damage for 3 to 5 Years**, in particular warping or splitting. (See Limited Warranty below or on container for more details).

### Packaging

Available in 1-gallon cans and 5-gallon pails.

### Technical Data

**Weight per Gallon:** 8.8 – 9.2 lbs.

**Solids by Weight:** 24 – 28 %

**Solids by Volume:** 19 – 21%

**Viscosity Range:** 50 –54 KU

**V.O.C. Content:** Max. 2.1 lbs./gal. 250 g/l

Meets federal AIM regulations and all state V.O.C. requirements (except SCAQMD counties in CA).

**Flash Point:** None

**Compatibility:** Do not apply over a painted, stained or sealed surface. Do not apply oil/alkyd coatings over this product.

### Precautions

**CAUTION: May cause eye and skin irritation.** Prevent eye contact. May cause skin irritation. Avoid prolonged or repeated contact with skin. Avoid breathing vapors and spray mist. Wear appropriate eye protection and protective clothing. Wash thoroughly after handling. Use only with adequate ventilation. Do not take internally. Warning: This product contains a chemical known to the state of California to cause cancer. **KEEP OUT OF THE REACH OF CHILDREN.**

### Limited Warranty – 3/5 Year Performance Guarantee

The Company warrants for three (3) years after date of purchase on horizontal surfaces, and five (5) years after date of purchase on vertical surfaces, **Wolman® DuraStain® Semi-Transparent Stain (Product) will prevent graying from UV exposure, prevent warping or splitting damage caused by water penetration, and resist peeling or blistering of the coating film.** This warranty does not apply to wood that was splitting or warping prior to application of the Product, or to pressure-treated wood that cracks, splits or warps after Product application due to escape of internal moisture. This warranty applies to Product applied to newly installed or pre-existing wood surfaces only if the surface has been properly prepared and the Product has been properly applied in accordance with directions on the Product Label. Label directions are as complete as possible but cannot encompass all conditions, applications and/or surfaces, all of which are beyond manufacturer's and seller's control. **This warranty does not apply to use of the Product in combination with other materials.** See Product label for warranty remedy instructions.

**For additional Technical Information, call 1-800-556-7737 or visit [www.wolman.com](http://www.wolman.com).**

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