



PRODUCT DATA SHEET

PROD. #80
**RICH WOOD SEMI-TRANSPARENT
 DECK & SIDING STAIN**



PRODUCT DESCRIPTION

Richard's Rich Wood Semi-Transparent Deck & Siding Stain is a rich semi-transparent wood stain specially designed and formulated to enrich and protect the natural beauty of all types of exterior wood, especially pressure treated wood (PTW). Formulated to penetrate deep into wood fibers, it seals the wood and protects the wood from extreme weathering, while enhancing the beauty of the wood grain, adding depth and elegance to the wood surface. It is easy to apply, provides excellent durability, color retention, is mildew resistant, scuff resistant, and repels water to protect from costly water damage. It is formulated to meet or exceed Federal Specification TT-W-572B for water repellency. Mildew Resistant – This paint contains agents that inhibit the growth of mildew on the surface of this paint film. For Exterior Use Only.



MEETS MPI STANDARD #33 OF THE MASTER PAINTERS INSTITUTE'S APPROVED PRODUCTS LIST.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
<ul style="list-style-type: none"> Rich Semi-Transparent Finish Penetrates & Seals Wood Fibers Repels Water Superior Coverage Fade Resistant Mildew Resistant Superior Durability Easy To Apply 	<p><i>Suitable for, but not limited to the following properly prepared surfaces:</i></p> <p>EXTERIOR</p> <ul style="list-style-type: none"> Decks & Porches Trim Siding Fencing PTW Shakes & Shingles Railings Plywood Clapboards <p>For Exterior Use Only!</p>	<p>Product Quality: Premium / Best</p> <p>Product Use: Exterior</p> <p>Application: Brush, Roller, Spray</p> <p>Product System: Solvent-Based</p> <p>Sheen: Low Sheen Natural Finish</p> <p>MPI Standards: MPI #33</p> <p>VOC Compliance: EPA AIM Only</p>

SURFACE PREPARATION

GENERAL: The entire surface area to be painted should be clean, dry, sound, and free from dirt, grease, oils, waxes, mildew and any other surface contaminants that may adversely affect the performance of this coating material. Wood moisture content should be below 15% and wood surfaces that have a mill glaze should be sanded to allow for proper stain penetration.

- New Wood Surfaces** – All new wood surfaces should be allowed to go through two (2) wet/dry cycles by rain or regular water rinsing to open wood grain and to remove excess surface tannins during cleaning.
- New Pressure Treated Wood** – New uncoated pressure treated wood, (PTW), should be allowed to weather for approximately 4 – 6 weeks or until water droplets can penetrate the wood surface within 20 seconds. Wood surfaces with a mill glaze or a slick, shiny appearance, must be scuff sanded or allowed to weather sufficiently to allow surface pores to open before staining.
- Old Wood Surfaces** – Thoroughly clean the entire surface area as stated above. It is recommended to power wash the surface area using a unit with a minimum of 1500 psi of pressure to sufficiently remove existing stain powder, and deteriorated wood fibers. Allow a minimum of 48 hours of good drying condition before application of sealer. Wood surfaces that are excessively gray or weathered should be cleaned with a restorative wood cleaner or brightener, rinsed thoroughly, and allowed to dry for 48 hours before sealing.
- Previously Stained Wood** – Previously stained and/or painted surfaces must be completely stripped to reveal the bare wood surface, and treated as a new wood surface. Repair/remove all damaged, deteriorated, and surface imperfections with the proper patching or building materials.
- MILDEW:** Surface areas affected by mildew should be treated with a commercial mildew removal and/or wash product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water, and allow a minimum of 24 hours to dry thoroughly.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how you can protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-Lead, or log onto www.epa.gov/lead.

TECHNICAL DATA

- COLORS:** Clear Tinting Base
- TINTING:** Universal Colorants
- VEHICLE TYPE:** Alkyd
- VISCOSITY:** 16 – 18 Sec. / #2 Zahn Cup
- GLOSS @ 60°:** N/A
- FLASH POINT:** 107° F
- COATING VOC:** Not to Exceed 550 g/l – 4.62 lb/gal
(Meets AIM Standards)
- SOLIDS BY VOLUME:** 32.90% ± 2%
- SOLIDS BY WEIGHT:** 41.57% ± 2%
- ESTIMATED COVERAGE:** 150 - 400 SFPG
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- RECOMMENDED MIL FILM:** (Estimated @ 300 SFPG)
Wet: 3.5 mils **Dry:** 1.2 mils
 (NOTE: This is a penetrating stain and should not build any appreciable surface film.)
- DRY TIME:** (@ 70° F & 50% Relative Humidity)
 To Touch: 2 – 4 hrs. | Recoat: Wet-on-Wet Only. Do not apply a second coat after the first coat is dry.
 Foot Traffic: 72 hrs.
 (Actual dry time may vary according to relative humidity, temperature, color, applied film build and air movement.)
- DRIES BY:** Oxidation / Solvent Evaporation
- CLEAN UP:** Mineral Spirits
- THINNING:** Not recommended
- WEIGHT/GAL:** 7.57 lbs.
- SHELF LIFE:** Unopened, 2 - 3 years on average.
- PACKAGING:** Qts. – 6/cs. | Gal. – 4/cs. | 5 Gal. - Each

RECOMMENDED PRIMER COATING

This penetrating wood stain is applied directly to properly prepared wood surfaces and requires no primer.

APPLICATION EQUIPMENT

- **Brush Application:** Apply using quality nylon, polyester or combination nylon/polyester, or a quality natural china bristle brush.
- **Roller Application:** Apply using a ¾" - 1¼" nap synthetic, lamb's wool or mohair roller cover, depending on texture or surface porosity.
- **Spray Application:**
 - **Pump:** Gas or Electric Airless Sprayer
 - **Pressure:** Minimum 1500 – 2000 PSI
 - **Tip:** 0.011 – 0.013 Reversible
 - **Hose:** ¼ inch (6.3 mm) - ⅝ inch (10 mm)

PRODUCT LIMITATIONS

- Not for use over painted or sealed surfaces.
- Not for use in corrosive or chemical environments.
- Not for use in areas subject to intense heat.
- Not for use on below grade substrates.

CLEAN UP & THINNING INSTRUCTIONS

- **Clean Up:** Clean up any minor spills and spatters immediately with **Mineral Spirits**, as well as all painting tools and airless equipment. More serious paint spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.
- **Thinning:** Stir thoroughly and apply as it comes from the container. Thinning is not necessary. Do Not Thin.

PRODUCT APPLICATION – General

Rich Wood Semi-Transparent Deck & Siding Stain may be easily applied with a quality brush, roller, or spray equipment as follows;

- Stir thoroughly in a spiral up and down motion before and during application.
- For best results, it is recommended to apply by brush, pad or roller to effectively work sealer into wood pores.
- To assure color uniformity intermix multiple containers of stock colors, and apply a small test area to verify color.
- When applying by brush or roller, apply an even and generous coat with the direction of the wood grain.
- When sealing vertical wood siding, start at the top, applying sealer to two or three boards, and work down to the bottom of the boards or until you come to a natural break in the surface, such as a corner or edge.
- When sealing horizontal wood siding, start at the top corner, applying sealer to two or three boards, and work across to the other end of the boards or until you come to a natural break in the surface, such as a corner or edge.
- When applying by low-pressure pump up sprayer, prime the tank by pumping until resistance is met. The tip should be adjusted to achieve an even and continuous fan spray of approximately 4" – 6" inches. Begin spraying material in a continuous manner, saturating the surface area but avoiding any puddling. If puddling occurs, use a brush, roller or pad to distribute excess material evenly.
- When applying by airless spray equipment use a unit with a minimum of 1500 - 2000 psi of pressure with a 0.011" – 0.013" fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to ensure an even coat application, and to effectively work sealer into wood pores.
- To assure coating uniformity, always paint/seal to a natural break in the surface, such as a corner or edge, and maintain a wet edge during application.
- Avoid exterior coating application when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on wet coating.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.

PRECAUTIONARY & SAFETY INFORMATION

CAUTIONS: COMBUSTIBLE! Keep away from heat, sparks and open flames. **INSURE PROPER CROSS-VENTILATION UNTIL COATING HAS DRIED!** Where ventilation is inadequate, use a suitable respirator. Turn off main gas valve until after coating has dried, then have pilot lights re-lighted by a responsible person. Avoid prolonged contact with skin and breathing of vapors and/or spray mists. When spraying this material, use an **OSHA** approved cartridge respirator. Use chemical safety glasses, goggles, or a face shield for proper eye protection. Wash thoroughly after handling and before eating or smoking. Close container after each use. **DO NOT TAKE INTERNALLY!**

FIRST AID: In case of skin contact, wash thoroughly with plenty of warm soapy water. For eye contact, flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents herein may be harmful or fatal.

KEEP OUT OF REACH OF CHILDREN!

LIMITED WARRANTY

Richard's Paint Mfg. Co., Inc. warrants our products to meet the application, appearance and performance properties stated on the label. This Limited Warranty shall not apply to any defect or damage resulting from improper surface preparation, structural defects, failure of a previous paint or improper application of the coating, as described in the directions on the label of this container. If this product is found not to perform as specified, Richard's Paint will, at its option and upon presentation of proof-of-purchase (the original receipt), either furnish an equivalent amount of new product or refund the original purchase price of this product to you. **ALL OTHER WARRANTIES ARE EXCLUDED BY RICHARD'S PAINT MFG. CO., INC., EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

LIMITATIONS

Seller's liability for any reason is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. **THIS WARRANTY EXCLUDES (1) LABOR AND COSTS ASSOCIATED WITH LABOR FOR THE APPLICATION OR REMOVAL OF ANY PRODUCT, AND (2) ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OR RESULTING FOR ANY REASON UNDER THE SALE, HANDLING, OR USE OF GOODS SOLD.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. This Limited Warranty may not be transferred or assigned.

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