



# PRODUCT DATA SHEET

PROD. 5900.0 (5-900)

## BARN & FENCE ACRYLIC LATEX SOLID BODY WOOD STAIN



### PRODUCT DESCRIPTION

Richard's Barn & Fence Latex Solid Body Wood Stain is a professional quality latex wood stain developed for application to a variety of both new and previously stained interior and exterior wood surfaces. It provides a solid opaque finish to the wood hiding the wood grain while allowing the texture of the wood to show through. Easy to apply, it is self-priming on most wood surfaces, provides excellent coverage, has superior fade resistance, resists chalking, mildew and resists tannic acid bleed. It provides superior durability and resists weathering, while accenting the natural beauty of the wood by highlighting its rustic texture.

**MILDEW RESISTANT** - This paint contains agents which inhibit the growth of mildew on the surface of this paint film.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
<ul style="list-style-type: none"><li>Professional Quality</li><li>Excellent Coverage</li><li>Self-Priming</li><li>Fade Resistant</li><li>Weather Resistant</li><li>Mildew Resistant</li><li>Product Versatility</li><li>Easy To Apply</li></ul>	<p><i>Suitable for, but not limited to the following properly prepared surfaces;</i></p> <p><b>INTERIOR/EXTERIOR - WOOD</b></p> <ul style="list-style-type: none"><li>Fencing</li><li>Siding</li><li>Trim</li><li>Shutters</li><li>Shakes</li><li>Shingles</li><li>Railings</li><li>Soffits</li><li>Patio Furniture</li><li>Weathered Stained Wood</li></ul> <p><b>Great For Interior &amp; Exterior Use!</b></p>	<p><b>Product Quality:</b> Professional</p> <p><b>Product Use:</b> Interior / Exterior</p> <p><b>Application:</b> Brush, Roller &amp; Airless Spray</p> <p><b>Product System:</b> Water-Based</p> <p><b>Sheen:</b> Flat</p> <p><b>MPI Standards:</b> No</p> <p><b>VOC Compliance:</b> AIM, CARB, LADCO, OTC I &amp; II</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.

- New Wood Substrates** – Remove any grade stamps or pencil marks by lightly sanding. Pressure treated wood – (PTW), should be allowed to weather for approximately 3 – 6 months or until water droplets can penetrate the wood surface within 20 seconds. Wood surface that have a mill glaze, or a slick shiny appearance, must be scuff sanded to allow stain to penetrate wood pores.
- Although formulated to be self-priming on most woods, some wet woods, such as Cedar and Redwood, should be allowed to weather sufficiently for up to 6 months prior to painting or staining, otherwise prime the surface with Richard's #722.101 (7-22), HOLZTITE Alkyd Enamel Undercoat Primer/Sealer.
- Previously Painted/Stained Wood Substrates** – As stated above, the entire surface area to be painted should be thoroughly cleaned. Remove any loose, scaling, chalked, cracked or peeling paint by hand scraping, sanding, wire brushing or by power tool cleaning methods, such as pressure washers, electric sanders, etc. Repair/replace any damaged, deteriorated and surface imperfections with the proper patching compounds and/or building materials. Normally, priming is not necessary unless the surface is chalking or showing signs of deterioration. Surfaces displaying these conditions should be primed with Richard's #26.101 (26), HOLZOUT 100% Acrylic Primer/Sealer Stain Sealer. Glossy surfaces should be dulled.
- 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](http://www.epa.gov/lead).

### TECHNICAL DATA

- COLORS:** White, Black & Barn Red
- TINTING:** Universal Colorants - (Pastel Colors Only!)
- VEHICLE TYPE:** Latex Acrylic
- VISCOSITY:** 80 KU  $\pm$  3
- GLOSS @ 60:** Flat / 0 – 5 units
- FLASH POINT:** N/A
- COATING VOC:** Not to Exceed 250 g/l – 2.09 lbs./gal  
(Meets AIM, CARB, LADCO, & OTC I & II Standards)
- SOLIDS BY VOLUME:** 38.00%  $\pm$  2%
- SOLIDS BY WEIGHT:** 58.58%  $\pm$  2%
- ESTIMATED COVERAGE:** 200 – 400 SFPG  
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- RECOMMENDED MIL FILM:** (Estimated @ 300 SFPG)  
**Wet:** 5.3 mils **Dry:** 2.0 mils
- ESTIMATED DRY TIME:** (@ 70° F & 50% Relative Humidity)  
**To Touch:** 30 min. - 1 hr. | **Recoat:** 4 – 6 hrs. - Overnight  
(Actual dry time may vary according to relative humidity, temperature, color, applied film build and air movement.)
- DRIES BY:** Coalescence / Solvent Evaporation
- CLEAN UP:** Warm Soap & Water
- THINNING:** Clean Water
- WEIGHT/GAL:** 11.34 lbs.
- SHELF LIFE:** 2 - 3 years unopened.
- PACKAGING:** | Gal. – 4/cs. | 5 Gal. - Each

## RECOMMENDED PRIMER COATINGS

Although formulated to be self-priming on sound and properly prepared painted surfaces, the following Richard's primers are recommended for use on new or bare substrates;

- **New Wood:**
  - Self-Priming
  - 722.101 (7-22), HOLZTITE Alkyd Enamel Undercoat Primer/Sealer
  - 26.101 (26), HOLZOUT 100% Acrylic Primer/Sealer Stain Sealer
- **New Wet Woods**
  - 722.101 (7-22), HOLZTITE Alkyd Enamel Undercoat Primer/Sealer
  - 26.101 (26), HOLZOUT 100% Acrylic Primer/Sealer Stain Sealer
- **Previously Painted Surfaces:**
  - Self-Priming
  - 26.101 (26), HOLZOUT 100% Acrylic Primer/Sealer Stain Sealer

## APPLICATION EQUIPMENT

- **Brush Application:** Apply using a quality nylon, polyester, or combination nylon/polyester bristle brush.
- **Roller Application:** Apply using a  $\frac{3}{8}$ " -  $1\frac{1}{4}$ " nap synthetic or lamb's wool roller cover, depending on the texture and surface porosity.
- **Spray Application:**
  - **Pump:** Gas or Electric Airless Sprayer
  - **Pressure:** Minimum 2000 PSI
  - **Tip:** 0.015 – 0.019 Reversible
  - **Hose:**  $\frac{1}{4}$  inch (6.3 mm) -  $\frac{3}{4}$  inch (10 mm)

## PRODUCT LIMITATIONS

- 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 warm soapy water, as well as all painting tools and airless equipment. More serious 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. However, if thinning is required, you may add clean water up to  $\frac{1}{2}$  pint per gallon.

## PRODUCT APPLICATION – General

Richard's Barn & Fence Latex Solid Body Wood 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 or roller to effectively work stain into wood pores.
- To assure color uniformity intermix multiple containers of custom tinted and 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 staining vertical wood siding, start at the top, applying stain 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 staining horizontal wood siding, start at the top corner, applying stain 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 airless spray equipment use a unit with a minimum of 2000 psi of pressure, and a 0.015" – 0.019" 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 stain into wood pores.
- To assure coating uniformity, always paint to a natural break in the surface, such as a corner or edge, and maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area.
- Avoid exterior paint application when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on newly painted surfaces.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.

## PRECAUTIONARY & SAFETY INFORMATION

**CAUTIONS:** Avoid prolonged contact with skin, and breathing of dust, vapors and/or spray mists. Causes eye irritation. **USE WITH ADEQUATE VENTILATION!** Ensure fresh air entry during application and drying. If you experience eye water, headache or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriately fitted respirator, (NIOSH approved), during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. 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.

**KEEP OUT OF REACH OF CHILDREN!**

## LIMITED WARRANTY

Richard's Paint 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, 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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