



PRODUCT DATA SHEET

PROD. #900 SERIES

RICH WOOD TIMBER TUFF

100% ACRYLIC SOLID BODY WOOD STAIN



PRODUCT DESCRIPTION

Rich Wood Timber Tuff 100% Acrylic Solid Body Wood Stain is a specially formulated, 100% acrylic solid body wood stain that incorporates the qualities of a low temperature stain coating, approved to be applied at temperatures down to 35°F, along with the benefit of being a paint and primer in one. Formulated with advanced resin technology, it promotes superior durability, excellent color retention, and excellent weather resistance. It is easy to apply, provides excellent one coat coverage while enhancing the wood grain, and resists streaking, and fading. It is non-yellowing, mildew resistant, formulated to withstand variable temperature changes allowing for application in different climate types, making it ideal for both interior and exterior applications. Mildew Resistant - This paint contains agents that inhibit the growth of mildew on the surface of this paint film.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES	VOC COMPLIANCE																												
<ul style="list-style-type: none"> 100% Acrylic Formula Low Temp Application 35° F Self Priming One Coat Coverage Excellent Durability Excellent Weather Resistance Mildew Resistant Easy To Apply 	<p><i>Suitable for the following properly prepared surfaces;</i></p> <p>INTERIOR / EXTERIOR</p> <table> <tr> <td>Wood Doors</td> <td>Fencing</td> </tr> <tr> <td>Wood Trim</td> <td>Decks & Railings</td> </tr> <tr> <td>Shutters</td> <td>Beams & Furniture</td> </tr> <tr> <td>Siding</td> <td>Shelves</td> </tr> <tr> <td>Shakes & Shingles</td> <td>Assorted Masonry</td> </tr> </table> <p>Greta For Both Interior & Exterior Use!</p>	Wood Doors	Fencing	Wood Trim	Decks & Railings	Shutters	Beams & Furniture	Siding	Shelves	Shakes & Shingles	Assorted Masonry	<p>Product Quality: Premium / Best</p> <p>Product Use: Interior / Exterior</p> <p>Application: Brush, Roller Cover, Airless Spray</p> <p>Product System: Water-Based</p> <p>Finish: Flat</p>	<table> <tr> <td>AIM</td> <td>Yes</td> </tr> <tr> <td>OTC</td> <td>Yes</td> </tr> <tr> <td>CARB</td> <td>Yes</td> </tr> <tr> <td>SCAQMD</td> <td>Yes</td> </tr> <tr> <td>MPI #</td> <td>N/A</td> </tr> <tr> <td>LEED® 09CI</td> <td>N/A</td> </tr> <tr> <td>LEED® 09NC</td> <td>N/A</td> </tr> <tr> <td>LEED® 09CS</td> <td>N/A</td> </tr> <tr> <td>LEED® H</td> <td>N/A</td> </tr> </table>	AIM	Yes	OTC	Yes	CARB	Yes	SCAQMD	Yes	MPI #	N/A	LEED® 09CI	N/A	LEED® 09NC	N/A	LEED® 09CS	N/A	LEED® H	N/A
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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 Timber Tuff is 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 #7-22, PPS Universal Alkyd Primer/Sealer Enamel Undercoater.
- 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 #7-44, PPS 100% Universal 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.

PRODUCT ANALYSIS DATA

PIGMENT: 25.60%

VEHICLE: 74.40%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

TECHNICAL DATA

- COLORS:** White & Tint Bases

900 White	901 Tint Base
902 Deep Base	903-A Accent Base
- TINTING:** Universal Colorants
- VEHICLE TYPE:** Acrylic
- VISCOSITY:** 90 KU ± 2
- GLOSS @ 60°:** Flat / 0 – 5 units
- FLASH POINT:** N/A
- VOC:** Not to Exceed 250 g/l – 2.10 lb/gal
(Meets AIM, OTC, CARB, & SCAQMD Standards)
- SOLIDS:** By Volume: 31.25% ± 2%
By Weight: 45.58% ± 2%
- COVERAGE:** 200 – 400 Sq. Ft. / Gal.
(Depending on Application & Surface Porosity.)
- MIL FILM:** Estimated @ 300 Sq. Ft. / Gal.
Wet: 5.3 mils **Dry:** 1.7 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 2 – 4 Hours
Recoat: 4 – 6 Hours, or after overnight dry.
- CLEAN UP:** Warm Soapy Water
- THINNING:** Clean Water

RECOMMENDED PRIMER COATINGS

Although formulated to be self-priming on most properly prepared new and previously painted wood surfaces in good condition, the following Richard's products are recommended primer coatings for this finish coating material.

- **New Wood:**
 - Self-Priming
 - 7-22, PPS Universal Alkyd Primer/Sealer Enamel Undercoater
 - 7-44, PPS 100% Acrylic Universal Primer/Sealer Stain Killer
- **New Wet Woods**
 - 7-22, PPS Universal Alkyd Primer/Sealer Enamel Undercoater
 - 7-44, PPS 100% Acrylic Universal Primer/Sealer Stain Killer
- **Previously Painted Surfaces:**
 - Self-Priming
 - 7-44, PPS 100% Acrylic Universal Primer/Sealer Stain Killer

APPLICATION EQUIPMENT

- **Brush Application:** Apply using a quality nylon, polyester, or combination nylon/polyester bristle brush.
- **Roller Application:** Apply using a 1/2" - 1" nap synthetic or lamb's wool roller cover, depending on the texture and surface porosity.
- **Spray Application:**
 - **Pump:** Gas or Electric Airless Sprayer
 - **Tip:** 0.017" - 0.019" Reversible
 - **Pressure:** Minimum 2000 psi
 - **Hose:** 1/4 inch (6.3 mm) - 3/8 inch (10 mm)

PACKAGING & WEIGHT PER GALLON

- **Packaging:**

Quarts - 6/case	Gallons - 4/case
2 Gallons - N/A	5 Gallons - Each
- **Weight Per Gallon:** 10.58 lbs.

CLEAN UP & THINNING INSTRUCTIONS

Clean Up: Clean up any minor spills and splatters immediately with warm soapy water, 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. However, if thinning is required, you may add clean water up to 1/2 pint per gallon.

WARRANTY & LIMITATIONS

The technical information contained herein is accurate to the best of our knowledge. All warranties are excluded, whether expressed or implied, by operation of law or otherwise, including all implied warranties of merchantability or fitness for a particular purpose. Seller shall not be liable, directly or indirectly, under any circumstances for consequential, incidental, special or any other type of damages arising or resulting for any reason under the sale, handling, or use of goods sold. Seller's liability hereunder, and buyer's exclusive remedy hereunder, for negligence or any other reason, is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. Notice of any alleged failure or defect in the material must be given to the seller in writing by certified U.S. mail within 15 days of noticing the problem. Failure to give the required notice within the time provided constitutes a waiver of any claim. The Manufacturer is not responsible for any misrepresentation made by the Dealer.

REV 07-13

PRODUCT APPLICATION - General

Rich Wood Timber Tuff 100% Acrylic Solid Body Wood Stain may be easily applied with a quality brush, roller cover, or airless 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 0.017" - 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. **Note: Deep & Accent bases must be applied at temperatures above 50° F.**

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.
- Deep & Accent Bases must be applied at temperatures above 50° 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!