



PRODUCT DATA SHEET

PROD. #4730 - SMOOTH

FLEXDECK WOOD & CONCRETE DECK RESURFACER COATING



PRODUCT DESCRIPTION

Richard's FlexDeck Wood & Concrete Deck Resurfacer Coating - Smooth is a specially formulated 100% acrylic high build coating designed to resurface old, worn, damaged and weathered wood and concrete deck surfaces. It is formulated as a high performance coating offering excellent durability, scuff and wear resistance under heavy foot traffic. Locks down splinters on wood decks; fills cracks up to 1/4"; and forms an effective barrier against moisture that can damage exterior wood and concrete. FlexDeck Smooth Coating is easy to apply and dries to a low sheen, barefoot friendly finish. It resists fading, cracking, chipping, peeling and mildew. Available in a variety of colors. **For Exterior Use Only.**

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
<ul style="list-style-type: none"> 100% Acrylic Formula High Build Excellent Coverage Excellent Durability Waterproofs Locks Down Splinters Barefoot Friendly Mildew Resistant Easy To Apply 	<p><i>Suitable for, but not limited to the following properly prepared surfaces;</i></p> <p>INTERIOR/EXTERIOR</p> <ul style="list-style-type: none"> Decks Balconies Patios Porches Sidewalks Pool Decks Docks Railings Stained Decks Painted Decks Stairways Catwalks <p>For Exterior Use Only</p>	<p>Product Quality: Premium Best</p> <p>Product Use: Exterior</p> <p>Application: Brush, Roller & Airless Spray</p> <p>Product System: Water-Based</p> <p>Sheen: Matte / Eggshell</p> <p>VOC Compliance: AIM, CARB, LADCO/OTC</p> <p>Federal Standards: No</p> <p>MPI Standards: No</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.

- Concrete:** All new concrete and masonry deck surfaces should be allowed to properly dry/cure for approximately 30 days.
- The surface area to be painted should be porous. Non-porous or smooth concrete surface should be properly etched with a muriatic acid and water solution, or a pre-mix cleaning etching solution.
- On previously painted substrates, remove any loose, scaling, chalked, cracked and peeling paint by hand scraping, sanding, wire brushing, or by power tool cleaning methods, such as, pressure washers, electric sanders, grinders, etc.
- Feather sand smooth all rough paint edges. Repair/replace all damaged, delaminated and/or surface imperfections with the proper patching compounds or building materials. Glossy surfaces should be properly dulled.
- Wood:** For wood surfaces, remove all surface stains, dirt, oxidized stains, organic growth, and loose wood fibers.
- Remove loose splinters, and replace any severely rotted or damaged wood.
- New wood surfaces should be painted immediately after installation. Do not allow the wood to weather. Weathered wood surfaces should be sanded to a fresh wood surface before coating. Remove any grade stamps or pencil marks from new wood by lightly sanding. Wood moisture content should be below 15% and wood surfaces that have a mill glaze should be sanded to allow for proper adhesion.
- Fill cracks in the wood that are larger than 1/4" with an appropriate exterior wood filler, and secure or repair all raised nail heads, deck screws, and loose deck boards.
- On previously paint wood substrates, remove any loose, scaling, chalked, cracked and peeling paint by hand scraping, sanding, wire brushing, or by power tool cleaning methods, such as electric sanders, grinders, etc.
- Feather sand smooth all rough paint edges. Glossy surfaces should be properly 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.

TECHNICAL DATA

- COLORS:** Clear Tinting Base
- TINTING:** Universal Colorants
- VEHICLE TYPE:** Proprietary Acrylic
- VISCOSITY:** 123 KU ± 2
- GLOSS @ 60°:** Matte/Eggshell / 0 – 10 units
- FLASH POINT:** N/A
- COATING VOC:** Not to Exceed 100 g/l – 0.84 lb/gal (Meets AIM, CARB & LADCO/OTC Standards)
- SOLIDS:** (Averaging ± 2%)
 - By Volume: 50.69%
 - By Weight: 59.36%
- ESTIMATED COVERAGE:** 50 – 150 SFPG (Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- RECOMMENDED MIL FILM:** (Estimated @ 100 SFPG)
 - Wet: 16.0 mils
 - Dry: 8.1 mils
- ESTIMATED DRY TIME:** (@ 70° F & 50% Relative Humidity)
 - To Touch: 2 - 4 hrs. | Recoat: 6 – 8 hrs.
 - Light Foot Traffic: 12 hrs. minimum (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 PER GALLON:** 10.58 lbs.
- SHELF LIFE:** Unopened - 2 to 3 years
- PACKAGING:**
 - Quarts: N/A
 - Gallons: 4 per case
 - 2 Gallons: N/A
 - 5 Gallon: Each

RECOMMENDED PRIMER COATINGS

4710 FlexPrime Clear Deck Primer is required on all bare surfaces, old and new, due to the high build, high performance nature of this deck resurfacing system.

New Concrete

- 4710 Deck Guard FlexPrime Wood & Concrete Deck Conditioner

Painted & Poor Condition Concrete

- 4710 Deck Guard FlexPrime Wood & Concrete Deck Conditioner

New Wood

- 4710 Deck Guard FlexPrime Wood & Concrete Deck Conditioner

Painted & Poor Condition Wood

- 4710 Deck Guard FlexPrime Wood & Concrete Deck Conditioner

PRODUCT LIMITATIONS

- Not for use on composite deck substrates.
- Not for use on smooth or floated concrete.
- Not for recommended for application to driveways, garage floors, or any other areas with vehicular traffic.
- Not recommended for application to vertical surfaces such as, stucco or wood siding.
- Not for use in corrosive or chemical environments.
- Not for use in areas subject to intense heat.
- Not for use on below grade substrates.

APPLICATION EQUIPMENT

- **Brush Application:** Apply using a quality nylon, polyester, or combination nylon/polyester bristle brush.
- **Roller Application:** Apply using a 3/8" - 1/2" 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 2200 - 2500 PSI
 - **Tip:** 0.019 – 0.025 Reversible
 - **Hose:** 1/4 inch (6.3 mm) - 3/8 inch (10 mm)

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 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 nor is it recommended.

PRODUCT APPLICATION – General

Richard's FlexDeck Wood & Concrete Deck Resurfacer Coating - Smooth may be easily applied with a quality brush, roller, or airless spray equipment, as follows;

NOTE: Pre-painted surfaces should be tested for adhesion, product compatibility, and to ensure desired color and appearance.

- Stir thoroughly in a spiral up and down motion, before and during application.
- For best results, apply two finish coats.
- To assure color uniformity intermix multiple containers of custom tinted and stock colors. Apply a small test area to verify color.
- When applying by brush, dab a heavily loaded brush into any deep cracks, knots, nail or screw holes, gaps, and rough areas until filled and before rolling. Apply a smooth and even coat on smaller surfaces, such as painting step areas, trim or cutting-in larger surface areas.
- When applying by roller, use a 3/8" to 1/2" nap cover and apply an even and smooth coat application in a "W" or crisscross, avoiding any excessive respreading or reworking on large surfaces.
- On wood deck surfaces, start at a top corner, applying 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.
- When applying by airless spray equipment use a unit with a minimum of 2200 to 2500 psi of pressure, with a 0.019" – 0.025" fluid spray tip.
- During spray application, back-roll the surface area to ensure proper adhesion and an even coat application.
- To assure coating uniformity, always paint to a natural break in the surface, such as a corner or edge. Maintain a wet during application by brushing, rolling, or spraying into previously applied coating area.
- Allow to dry thoroughly between coats.
- Avoid exterior paint application when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on wet paint.
- 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!

WARRANTY

The Richard's Paint Mfg. Co., Inc. warrants our products to be free from manufacturing defects in accord with applicable Richard's Paint quality control procedures. Liability for product proven to be defective, if any is limited to the replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Richard's Paint Mfg. Co., Inc.

NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE 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.

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