



PRODUCT DATA SHEET

PROD. #4710

FLEXPRIME 100% ACRYLIC WOOD & CONCRETE DECK CONDITIONER



PRODUCT DESCRIPTION

Richard's FlexPrime 100% Acrylic Wood & Concrete Deck Conditioner is a specially formulated 100% acrylic sealer designed for use with our FlexDeck Wood & Concrete Deck Resurfacer Coatings. Excellent for use on exterior wood and concrete decks, patios, docks and walkways that are worn, weathered and previously sealed, painted or stained. This primer/sealer conditions the surface for finish coat application and exhibits tenacious adhesion to properly prepared surfaces. For exterior use only.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES		
<ul style="list-style-type: none"> 100% Acrylic Formula Seals & Conditions Excellent Coverage Promotes Adhesion Excellent Product Versatility Easy To Apply 	<p><i>Suitable for, but not limited to the following properly prepared surfaces:</i></p> <p>EXTERIOR WOOD & CONCRETE</p> <table border="1"> <tr> <td> <ul style="list-style-type: none"> Decks Balconies Patios Porches Sidewalks Pool Decks </td> <td> <ul style="list-style-type: none"> Docks Railings Stained Decks Painted Decks Stairways Catwalks </td> </tr> </table> <p>For Exterior Use Only</p>	<ul style="list-style-type: none"> Decks Balconies Patios Porches Sidewalks Pool Decks 	<ul style="list-style-type: none"> Docks Railings Stained Decks Painted Decks Stairways Catwalks 	<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: Low Lustre</p> <p>VOC Compliance: AIM, CARB, LADCO/OTC, & SCAQMD</p> <p>Federal Standards: No</p> <p>MPI Standards: No</p>
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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.

- Concrete:** All new concrete and masonry 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.
- 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 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:** Wet – Milky White | Dry – Clear
- TINTING:** Universal Colorants
- VEHICLE TYPE:** Proprietary Acrylic
- VISCOSITY:** 73 KU ± 3
- GLOSS @ 60°:** Low Lustre / 10 units
- FLASH POINT:** N/A
- COATING VOC:** Not to Exceed 50 g/l – 0.42 lb/gal (Meets AIM, CARB, LADCO/OTC & SCAQMD Standards)
- SOLIDS:** (Averaging ± 2%)

By Volume: 41.12%	By Weight: 53.92%
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- ESTIMATED COVERAGE:** 250 – 450 SFPG (Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- RECOMMENDED MIL FILM:** (Estimated @ 350 SFPG)

Wet: 4.6 mils	Dry: 1.9 mils
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- ESTIMATED DRY TIME:** (@ 70° F & 50% Relative Humidity)

To Touch: 30 min. - 1 hr. Recoat: 1 - 2 hrs.
<i>(Actual dry time may vary according to relative humidity, temperature, color, applied film build and air movement.)</i>
- DRIES BY:** Coalescence / Solvent Evaporation
- CLEAN UP:** Warm Soap & Water
- THINNING:** Not Recommended
- WEIGHT PER GALLON:** 10.91 lbs.
- SHELF LIFE:** Unopened – 3 to 5 years
- PACKAGING:**

Quarts: N/A	Gallons: 4 per case
2 Gallons: N/A	5 Gallon: Each

RECOMMENDED FINISH COATINGS

The following Richard's products are recommended finish coatings for this primer coating material. However, recommended Richard's finish coatings are not limited to the products listed below;

- **TEXTURE FINISH**
 - 4720 FlexDeck Wood & Concrete Deck Texture Resurfacer Coating
- **SMOOTH**
 - 4730 FlexDeck Wood & Concrete Deck Smooth Resurfacer Coating

APPLICATION EQUIPMENT

- **Brush Application:** Apply using a quality nylon, polyester, or combination nylon/polyester bristle brush.
- **Roller Application:** Apply using a ¾" - 1½" 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 1500 – 2000 PSI
 - **Tip:** 0.015 – 0.017 Reversible
 - **Hose:** ¼ inch (6.3 mm) - ⅝ inch (10 mm)

PRODUCT LIMITATIONS

- Not for use on composite deck surfaces.
- Not for use under clear, transparent, or semi-transparent penetrating deck stains.
- Not for use on driveways, garage floors or other areas with vehicular traffic.
- 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. Do not thin.

PRODUCT APPLICATION – General

Richard's FlexPrime 100% Acrylic Wood & Concrete Deck Conditioner 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 to keep product completely mixed.
- When applying by brush, apply a smooth and generous coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.
- When applying by roller cover, apply an even and generous coat in a "W" or crisscross motion on large surface areas, avoiding any excessive respreading or reworking. 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 2000 psi of pressure, with a 0.015 – 0.017 fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, an even coat application, and to work primer coating into surface pores.
- Maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.
- 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.

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.**

LIMITATIONS

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