



# PRODUCT DATA SHEET

PROD. #4600 SERIES

## STEP GUARD 100% ACRYLIC ANTI-SLIP TEXTURE FLOOR COATING



### PRODUCT DESCRIPTION

Richard's Step Guard Anti-Slip Texture Floor Coating is a 100% acrylic texture floor coating, specifically designed for application in walkway areas where safety is a primary concern. Its durable textured finish provides excellent wear, abrasion and skid resistance in areas of heavy foot traffic. It offers superior product versatility and ease of application to a variety of both interior and exterior surfaces, including previously painted and properly primed wood, concrete, and metal surfaces. It offers excellent color retention and weathering properties, is mildew resistant and is low VOC. **MILDEW RESISTANT** - This paint contains agents which inhibit the growth of mildew on the surface of this paint film. **Great for both Interior and Exterior Use!**

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
<ul style="list-style-type: none"> <li>100% Acrylic Formula</li> <li>Promotes Safety</li> <li>Excellent Durability</li> <li>Skid Resistant</li> <li>Abrasion Resistant</li> <li>Mildew Resistant</li> <li>Excellent Product Versatility</li> <li>Low VOC</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</b></p> <ul style="list-style-type: none"> <li>Walkways</li> <li>Patios &amp; Decks</li> <li>Stairways</li> <li>Concrete Floors</li> <li>Loading Docks</li> <li>Asphalt</li> <li>Stadium Ramps</li> <li>Catwalks</li> <li>Tennis Courts</li> <li>Racquet Ball Courts</li> <li>Warehouse Floors</li> <li>Handicap Ramps</li> </ul> <p><b>Great For Interior &amp; Exterior Use!</b></p>	<p><b>Product Quality:</b> Premium / Best</p> <p><b>Product Use:</b> Interior / Exterior</p> <p><b>Application:</b> Brush &amp; Roll</p> <p><b>Product System:</b> Water-Based</p> <p><b>Sheen:</b> Flat</p> <p><b>MPI Standard:</b> No</p> <p><b>VOC Compliance:</b> AIM, LADCO, OTC Phase II, CARB</p>

### SURFACE PREPARATION

**GENERAL:** The entire surface area to be painted should be clean, dry, sound, and free from dirt, grease, oils, waxes, mildew, mill scale, form release agents, curing compounds, and any other surface contaminants that may adversely affect the performance of this coating material.

**PAINTED SURFACES:** Remove loose, scaling, cracked or peeling paint from previously painted surfaces by hand scraping, sanding, wire brushing or by power tool cleaning methods, such as electric sanders or grinders, etc. Sand rough paint edges smooth to adjacent surface area. Sand glossy surfaces. Spot prime bare surface areas with recommended primer material and allow to thoroughly dry.

**NEW SURFACES:** **METAL SURFACES:** Wash metal surfaces to remove any oil, grease, or other surface contamination. All rust, mill scale, and corrosion must be removed with sandpaper, wire brush, or other abrading method. Bare steel must be primed the same day as cleaned.

**WOOD:** All new wood surfaces must be clean, dry and sound, and should be properly primed and painted before installation or immediately after. Do not allow exterior wood to weather. Weathered wood surfaces should be sanded to expose 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.

**MASONRY & CONCRETE:** Allow a minimum 30 - 45 days to properly dry/cure. The surface should be tested for pH and alkali levels and should not read higher than 8.5 - 10.0 level. Clean surface thoroughly to remove contaminants, oil, grease and embedded chemicals with Richard's #248, Shield's All Oil & Grease Remover. Dense, non-porous concrete surfaces must be properly acid etched with muriatic acid mixed with water, 3 parts water to 1 part acid. Neutralize and rinse the surface thoroughly with clean water.

**MILDEW:** Surface areas affected by mildew should be treated with a commercial mildew removal and/or cleaner product following the manufacturer's application and safety directions. Rinse thoroughly with clean water, and allow a minimum of 24 hours to dry thoroughly.

**NOTE:** Special Considerations Should Be Taken When Applying To Stamped or Bomanite Concrete Surfaces. Please Check With Your Local Richard's Dealer or Richard's Representative.

### TECHNICAL DATA

- COLORS:** White & 9 Stock Colors
- TINTING:** Not Recommended
- VEHICLE TYPE:** 100% Acrylic
- VISCOSITY:** 97 KU ± 3
- GLOSS @ 60°:** Flat | 0 - 5 units
- FLASH POINT:** N/A
- COATING VOC:** Not to Exceed 100 g/l – 0.84 lbs./gal  
(Meets AIM, LADCO/OTC & CARB Standards)
- VOLUME SOLIDS:** 35.56% ± 2%
- WEIGHT SOLIDS:** 49.31% ± 2%
- ESTIMATED COVERAGE:** 75 – 100 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: 5.6 mils
- ESTIMATED DRY TIME:** (@ 70° F & 50% Relative Humidity)  
**To Touch:** 1 - 2 hrs. | **Recoat:** 4 - 6 hrs.  
**Foot Traffic:** 6 - 8 hrs. | **Full Cure:** 72 hrs.  
(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:** 11.30 lbs.
- SHELF LIFE:** 2 - 3 years unopened.
- PACKAGING:** 1 Gal.: 4/case | 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:**
  - 26, HOLZOUT 100% Acrylic Primer/Sealer Stain Killer
  - 7-22, PPS Universal Primer/Sealer Enamel Undercoater
  - SR-933, Painter's Pride Int./Ext. Alkyd Primer/Sealer
- **New Masonry**
  - 56, Signature Series Waterborne Epoxy Ester Bonding Liquid
  - 4470, Floor-Tite Waterborne Acrylic Bonding Surfacer
- **New Non-Ferrous, Aluminum & Galvanized Metal:**
  - 1017, Rust Shield Zinc Chromate Metal Primer
  - 1215/1220, Rust Shield II 100% Acrylic DTM Gray/White Metal Primers
- **Ferrous Metal:**
  - 1015, Rust Shield Red Oxide Metal Primer
  - 1018, Rust Shield White Metal Primer
- **Previously Painted Surfaces:**
  - Self-Priming

## APPLICATION EQUIPMENT

- **Brush Application:** Apply using a quality nylon, polyester, or combination nylon/polyester bristle brush.
- **Roller Application:** Apply using a 3/8" - 3/4" nap synthetic or lamb's wool roller cover, depending on the texture and surface porosity.
- **Airless Spray Application:**
  - **THIS COATING IS NOT SUITABLE FOR AIRLESS SPRAYERS AND WILL DAMAGE THE SPRAYER'S PUMP!**

## 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 1/2 pint per gallon.

**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).

## 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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## PRODUCT APPLICATION – General

Richard's Step Guard Anti-Slip Texture Floor Coating may be easily applied with a quality brush and roller cover only. Not suitable for airless spray equipment.

- Stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed.
- For best results, it is recommended to apply two (2) finish coats.
- To assure color uniformity always intermix multiple containers of custom tinted and stock colors. Apply a small test sample to verify color.
- During application, always paint to a natural break in the surface, such as a corner or edge.
- **Brush Applications:** When applying by brush, use a quality nylon or polyester bristle brush, or a quality combination of both, and apply a smooth and generous coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.
- **Roller Application:** When applying by roller cover, use a 3/8" to 3/4" nap cover, depending on surface texture and porosity. Pour out a 3" to 5" strip and spread evenly and slowly in a crisscross motion, forming right angles during application, and avoiding any excessive respreading or reworking.
- Maintain a wet edge during application by brushing and rolling into previously applied coating area.
- Apply when surface and ambient temperatures are above 55° F and below 90° F. Do not apply when surface and air temperature is within 5° of the dew point.
- 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!**