



PRODUCT DATA SHEET

PROD. #4500 SERIES

100% ACRYLIC DRIVEWAY & FLOOR COATING



PRODUCT DESCRIPTION

Richard's 100% Acrylic Driveway & Floor Coating is a specially formulated floor coating that is specifically designed for use on a variety concrete substrates, such as walkways, patios, driveways and garage floors. Its special formulation provides excellent durability, superior fade resistance and a smooth low sheen finish that resists cracking, peeling and chipping. Easy to apply, it may be applied to previously painted surfaces, properly primed metal surfaces, and even surface areas that have been previously coated with a concrete stain. It has excellent weathering properties, is mildew resistant, and may be applied to a variety of interior and exterior substrates. Meets MPI Standard #127 of the Master Painters Institute's approved products list. **Mildew Resistant** - This paint contains agents that inhibit the growth of mildew on the surface of this paint film.



MEETS MPI STANDARD #127 OF THE MASTER PAINTERS INSTITUTE'S APPROVED PRODUCTS LIST.

| PRODUCT FEATURES | PRODUCT USES | PERFORMANCE QUALITIES | VOC COMPLIANCE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------------------|----------------|----------------|---------------|------------|---------------|-----------|------------|---------------|---------|-----------|----------------|--|---|------------|-----|------------|-----|-------------|----|---------------|----|--------------|-----|-------------------|-----|-------------------|-----|-------------------|-----|----------------|-----|
| <ul style="list-style-type: none"> 100% Acrylic Formula Smooth Satin Finish Excellent Coverage Excellent Durability Fade Resistant Resists Chipping & Cracking Mildew Resistant Meets MPI Standards Easy To Apply | <p>Suitable for the following properly prepared surfaces:</p> <p>INTERIOR / EXTERIOR</p> <table> <tr> <td>Walkways</td> <td>Catwalks</td> </tr> <tr> <td>Patios & Decks</td> <td>Loading Docks</td> </tr> <tr> <td>Pool Decks</td> <td>Stadium Ramps</td> </tr> <tr> <td>Driveways</td> <td>Entry Ways</td> </tr> <tr> <td>Garage Floors</td> <td>Asphalt</td> </tr> <tr> <td>Stairways</td> <td>Concrete Block</td> </tr> </table> <p>Great For Both Interior & Exterior Use!</p> | Walkways | Catwalks | Patios & Decks | Loading Docks | Pool Decks | Stadium Ramps | Driveways | Entry Ways | Garage Floors | Asphalt | Stairways | Concrete Block | <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: Satin</p> | <table> <tr> <td>AIM</td> <td>Yes</td> </tr> <tr> <td>OTC</td> <td>Yes</td> </tr> <tr> <td>CARB</td> <td>No</td> </tr> <tr> <td>SCAQMD</td> <td>No</td> </tr> <tr> <td>MPI #</td> <td>127</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 | No | SCAQMD | No | MPI # | 127 | LEED® 09CI | N/A | LEED® 09NC | N/A | LEED® 09CS | N/A | LEED® H | N/A |
| Walkways | Catwalks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patios & Decks | Loading Docks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pool Decks | Stadium Ramps | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Driveways | Entry Ways | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Garage Floors | Asphalt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stairways | Concrete Block | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AIM | Yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OTC | Yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CARB | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCAQMD | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPI # | 127 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEED® 09CI | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEED® 09NC | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEED® 09CS | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEED® H | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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 as follows;

- Unpainted smooth, or non-porous type cementitious floor substrates should be acid washed with a "Muriatic Acid" solution of one (1) part Muriatic Acid mixed with three (3) parts water. Spread solution evenly over surface area and allow solution to effervesce, (boil), the surface area until it stops, approximately 10-15 minutes. This process should create a texture surface area similar to that of medium grit sandpaper. Rinse the surface area thoroughly with clean water and allow 24 - 48 hours to dry.
- For exterior surfaces, pressure wash the entire surface area using a unit with a minimum of 2000 psi of water pressure. More difficult areas should be hand scraped, sanded, wire brushed and/or power tool cleaned as mentioned above.
- Remove any 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.
- For metal surfaces, remove any loose rust, mill scale, rust deposits or white rust from metal surface by the same methods as described above.
- Repair/replace any damaged and/or delaminated surface areas with the proper patching and/or building materials. Allow all patching materials to dry thoroughly before application of paint coatings.

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.

Special Note: All new concrete and masonry surfaces should be at least 30 - 45 days old before the application of any paint coatings, in accordance with industry standards.

- 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: 26.15%

VEHICLE: 73.85%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

TECHNICAL DATA

- COLORS:** White, Tint Bases & 12 Stock Colors
4500 White 4501 Tint Base
4502 Deep Base 4503-A Accent Base

- TINTING:** Universal Colorants

- VEHICLE TYPE:** 100% Acrylic
- VISCOSITY:** 80 KU ± 1
- GLOSS @ 60°:** Satin / 20 units ± 2
- FLASH POINT:** N/A

- VOC:** Not to Exceed 250 g/l – 2.10 lb/gal
(Meets AIM & OTC Standards)
- SOLIDS:** By Volume: 35.19% ± 2%
By Weight: 49.00% ± 2%

- COVERAGE:** 350 – 400 Sq. Ft. / Gal.
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)

- MIL FILM:** Estimated @ 350 Sq. Ft. / Gal.
Wet: 4.6 mils Dry: 1.6 mils

- DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 1 – 2 Hours
Recoat: 4 – 6 Hours, or after overnight dry.
Foot Traffic: 6 – 8 Hours
Fully Cured: 72 Hours

(Dry times listed may vary according to relative humidity, temperature, film build, color and air movement.)

- CLEAN UP:** Warm Soapy Water
- THINNING:** Clean Water

RECOMMENDED PRIMER COATINGS

Although formulated to be self-priming on properly prepared painted surfaces in good condition, the following Richard's products are recommended primer coatings for this finish coating material. However, recommended primer coatings are not limited to the products listed below;

- **New Masonry & Concrete**
 - 56, Signature Series Waterborne Epoxy-Ester Bonding Liquid
 - 1791, Rich Flex 100% Acrylic Pigmented Multi-Surface Conditioner
 - 1791-C, Rich Flex 100% Acrylic Clear Multi-Surface Conditioner
 - 4450, Floor-Tite Waterborne Epoxy-Ester Bonding Liquid
- **New Non-Ferrous, Aluminum & Galvanized Metal:**
 - 26, Holzout II 100% Acrylic Primer/Sealer Stain Killer
 - 1017, Rust Shield Zinc Chromate Metal Primer
 - 1215/1220, Rust Shield II 100% Acrylic DTM Gray/White Metal Primers
- **New Ferrous Metal:**
 - 1015, Rust Shield Rust Inhibitive Red Oxide Metal Primer
 - 1018, Rust Shield Rust Inhibitive White Metal Primer
 - 1120, Industrial Coatings Universal 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.
- **Spray Application:**
 - **Pump:** Gas or Electric Airless Sprayer
 - **Pressure:** Minimum 1500 – 2000 PSI
 - **Tip:** 0.015 – 0.019 Reversible
 - **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:** 10.50 lbs.

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.

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 from 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 08-14

PRODUCT APPLICATION – General

Richard's 100% Acrylic Driveway & Floor Coating 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.
- For best results, it is recommended to apply two 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.
- 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, avoiding any excessive respreading or reworking.
- When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.015 – 0.019 fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, and an even coat application.
- 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.

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.

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!