



PRODUCT DATA SHEET

PROD. #48
SHIELD'S ALL
SAME DAY URETHANE
WATERBASED PAVER SEALER / FINISH



PRODUCT DESCRIPTION

Richard's Shield's All Same Day Urethane Paver Sealer is a high performance waterborne sealer and finish that provides protection for pavers, decorative concrete, floors, walkways and other painted surfaces. This waterbase clear finish is "damp surface friendly", meaning that it can be applied after pressure washing as soon as the substrate is dry to a damp condition. The tough clear urethane film will withstand heavy use from vehicles and commercial traffic. It is resistant to common household cleaners and chemicals. This sealer enhances the color of pavers and decorative concrete. Ideal for interior and exterior use.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
<ul style="list-style-type: none"> Color Enhancing Damp Surface Friendly Sand Joint Stabilizer Waterproofing Wear & Abrasion Resistant Low VOC Resists Hot Tire Pickup Easy To Apply Interior / Exterior 	<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"> Pavers Decorative Concrete Stamped Concrete Cobblestone Chattahoochee Stone Patio Decks Garage Floors Driveways Loading Docks Warehouse Floors Decorative Brick <p>NOTE: Not For Use On White or Very Light Color Surfaces (color change may occur)</p>	<p>Product Quality: Premium</p> <p>Product Use: Interior / Exterior</p> <p>Application: Brush, Roller & Spray</p> <p>Product System: Water-Based</p> <p>Sheen: Satin over porous surfaces Gloss over sealed surfaces</p> <p>MPI Standards: NO</p> <p>VOC Compliance: AIM, LADCO, OTC Phase I & II, CARB, and SCAQMD</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.

- PREVIOUSLY PAINTED SURFACES:** 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. Sand all rough paint edges smooth to adjacent surface area. Sand all glossy surfaces to dull existing finish. Apply touch-up paint to bare areas, as necessary, to achieve a uniform paint finish.
- SURFACE REPAIRS:** Repair/replace any damaged and/or delaminated surface areas with the proper recommended patching and/or building materials. Allow patching materials to dry thoroughly before application of paint coatings
- MASONRY / CONCRETE:** Allow a minimum 30 - 45 days to properly dry/cure, in accordance with industry standards. The surface should be tested for pH and alkali levels and should not read higher than 10. 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. After etching, 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 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.
- EFFLORESCENCE:** Clean and remove efflorescence using muriatic acid mixed with water, 3 parts water to 1 part acid. Neutralize and rinse the surface thoroughly with clean water with ammonia added (4 ounces per gallon).
NOTE: Do not use 249 Masonry Cleaner & Efflorescence Remover on pavers to be sealed with this sealer.

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:** Pale Amber Clear
- VEHICLE TYPE:** Waterborne Urethane
- VISCOSITY:** 18 - 22 Sec. / #2 Zahn Cup
- GLOSS @ 60°:** Gloss | 70 units ± 5 (Over Sealed Surfaces)
- FLASH POINT:** N/A
- COATING VOC:** Not to Exceed 10 g/l – 0.08 lbs./gal
(Compliant in All U.S. States and Canada)
- SOLIDS BY VOLUME:** 31.3% ± 2%
- SOLIDS BY WEIGHT:** 33.2% ± 2%
- ESTIMATED COVERAGE:** 200 – 300 SFPG
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- RECOMMENDED MIL FILM:** *(Estimated @ 300 SFPG)*
Wet: 4.6 mils **Dry:** 1.5 mils
- ESTIMATED DRY TIME:** *(@ 70° F & 50% Relative Humidity)*
To Touch: 1 hr. | **Recoat & Lt. Foot Traffic:** 2 - 4 hrs.
Vehicle Traffic: 72 hrs.
(NOTE: Actual dry & curing time may vary according to relative humidity, temperature, applied film build and air movement)
- DRIES BY:** Oxidation / Solvent Evaporation
- CLEAN UP:** Warm Soap & Water
- THINNING:** Clean Water
- WEIGHT/GAL:** 8.54 lbs.
- SHELF LIFE:** 2 - 3 years unopened.
- PACKAGING:** Gal. – 4/cs. | 5 Gal. - Each

RECOMMENDED PRIMER COATINGS

Shield's All Same Day Urethane Paver Sealer/Finish is formulated to be self-priming on new and bare concrete and masonry, as well as previously painted surfaces.

APPLICATION EQUIPMENT

- **Brush Application:** Apply using a quality nylon, polyester, or combination nylon/polyester bristle brush.
- **Roller Application:** Apply using a smooth - medium nap synthetic or lamb's wool roller cover, depending on the texture and surface porosity.
- **Spray Application:**
 - **Pump:** Pump-Up or Continuous Use Airless Sprayer
 - **Pressure:** Low, Non-Atomizing

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 10% by volume.

PRODUCT APPLICATION – General

Richard's Shield's All Same Day Urethane Paver Sealer / Finish may be easily applied with a quality brush, roller, or spray equipment as follows;

NOTE: This finish may become slippery when wet. Therefore, when used on horizontal surfaces, such as floors, patios, or any floor area exposed to moisture, the use of a non-skid additive is recommended, such as Richard's SG-60, Skid Guard Non-Skid Additive.

- Always apply a test area to check appearance before proceeding with a project.
- Brick Pavers with Sand Joints or hot surfaces should be dampened slightly with a mist of water prior to applying the sealer / finish. If the surface shows signs of glistening water, it is too wet.
- Surfaces other than pavers should be dry at the time of application.
- Thin pavers set over concrete should be completely dry before applying this sealer / finish.
- Commercial grade low pressure pump-up and continuous-use sprayers are ideal for sealing brick paver surfaces. Back roll sprayed sealer to ensure uniform application and finish.
- Do not allow product to puddle on paver surfaces. If puddling is apparent, back roll with a $\frac{3}{4}$ " – 1" nap roller cover.
- When coating previously painted surfaces with a roller, use a short nap (1/4") cover. Avoid excessive re-spreading or reworking.
- During application, always maintain a proper wet edge.
- Avoid exterior paint application when weather conditions are threatening, and late in the afternoon when there is a threat of moisture condensing on newly painted surfaces.
- Apply surface and ambient temperatures are above 55° F and below 90° F.
- Keep material out of direct sunlight.

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!

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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