



PRODUCT DATA SHEET

PROD. #522

SHIELD'S ALL

DECORATIVE STONE & PAVER SEALER



PRODUCT DESCRIPTION

Refresh, renew and protect walkways and driveways with Richard's Shield's All Decorative Stone & Paver Sealer. This solvent-thinned acrylic clear sealer and finish is designed for application to brick pavers, concrete floors, decorative stone, Chattahoochee, stamped concrete, brick and other cementitious surfaces. Provides a durable finish that penetrates and seals the surface, while providing excellent resistance to surface powdering, foot and vehicle traffic and common stains. This non-yellowing clear finish enhances the color of the surface, and resists the effects of UV light and weathering. Ideal for use as a clear finish over Richard's 500 series Bond-Crete. Applies easily by brush, roller or low pressure spray. For exterior use only.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
<ul style="list-style-type: none"> Solvent Acrylic Formula Excellent Flow & Leveling Penetrates & Seals Resists Hot Tire Pick-Up Moisture Resistant Stain Resistant Easy To Apply 	<p><i>Suitable for, but not limited to the following properly prepared surfaces;</i></p> <p>EXTERIOR</p> <ul style="list-style-type: none"> Chattahoochee Rock Flagstone Stamped Concrete River Rock Brick Pavers Concrete Floors Exposed Aggregate Decorative Stone <p>For Exterior Use Only!</p>	<p>Product Quality: Premium Best</p> <p>Product Use: Exterior</p> <p>Application: Brush, Roller, Spray</p> <p>Product System: Solvent-Based</p> <p>Sheen: High Gloss</p> <p>MPI Standards: No</p> <p>VOC Compliance: AIM</p>

SURFACE PREPARATION

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

- MORTAR-SET STONE:** Inspect all new or unpainted mortar-set to be sure that it is sound and not crumbling. All new mortar should be allowed up to 45 days to properly dry-cure before applying sealer. The surface should be tested for pH and alkali levels. Surface should not read higher than 8.5 – 9 level.
- EPOXY-SET STONE:** Inspect the surface to make sure there is no deterioration or crumbling of current epoxy or mortar. Thoroughly clean the surface, as stated above. Shield's All Decorative Stone & Paver Sealer will not correct weak surface areas or moisture intrusion and will not re-bond loose stone.
- CONCRETE FLOORS:** To clean floor, scrub with detergent and rinse thoroughly with clean water. Remove powdery material from new, unpainted concrete by sweeping and rinsing with clean water. Dense, non-porous concrete surfaces must be properly acid etched with muriatic acid mixed with water, 3 parts water to 1 part acid. Apply acid solution to the surface using a plastic garden sprinkler can. Allow the solution to effervesce or boil on the surface until it stops, (approximately 10 – 15 minutes). Do not allow floor to dry prior to rinsing. Add acid solution to keep wet, if necessary. Neutralize floor with an alkaline solution of 1 cup of baking soda (or 8 oz. of ammonia) mixed with one gallon of water. This mixture will neutralize any unspent acid. Rinse the surface thoroughly with clean water. Check pH of rinse water with pH range paper. Rinse water should have a pH of 6 - 9. If pH is outside of this range, rinse again and re-check pH. Properly etched concrete should have a texture feeling similar to medium (180) grit sandpaper. Allow 24 - 48 hours to dry.
- SURFACE REPAIRS:** Repair/replace any damaged and/or delaminated surface areas with the properly recommended cementitious patching materials. Allow 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 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.

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:** Not Recommended
- VEHICLE TYPE:** Solvent Acrylic
- VISCOSITY:** 17 Sec. | #2 Zahn Cup
- GLOSS @ 60°:** High Gloss | 85+ units
- FLASH POINT:** 45° F
- COATING VOC:** Not to Exceed 660 g/l – 5.51 lb/gal
(Meets AIM Standards)
- SOLIDS BY VOLUME:** 18.3% ± 2%
- SOLIDS BY WEIGHT:** 22.5% ± 2%
- ESTIMATED COVERAGE:** 150 – 350 SFPG
(Coverage will vary significantly depending on application method, surface texture, porosity and conditions.)
- RECOMMENDED FILM THICKNESS:**
Wet: 4.0 mils Dry: 0.7 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 1 - 2 hrs. | Recoat: 6 - 8 hrs. | Traffic: 72 hrs.
(Actual dry time may vary according to relative humidity, surface & air temperature, applied film build and air movement.)
- DRIES BY:** Solvent Evaporation
- CLEAN UP:** Mineral Spirits
- THINNING:** Not Recommended
- WEIGHT/GAL:** 7.0 lbs.
- SHELF LIFE:** 2 - 3 years unopened

PACKAGING:	
Quarts:	N/A
2 Gallons:	N/A
Gallons:	4 / Case
5 Gallons:	Each

RECOMMENDED PRIMER COATINGS

Shield's All Decorative Stone & Paver Sealer is formulated to be self-sealing on properly prepared new and bare concrete, pavers, brick, Chattahoochee, masonry and rock surfaces.

APPLICATION EQUIPMENT

- **Brush Application:** Apply using quality nylon, polyester or combination nylon/polyester, or a quality natural china bristle brush.
- **Roller Application:** Apply using a smooth - medium nap synthetic, lamb's wool or mohair roller cover, depending on texture or surface porosity.
- **Spray Application:**
 - **Pump:** Gas or Electric Airless Sprayer
 - **Pressure:** Minimum 2000 PSI
 - **Tip:** 0.013 – 0.017 Reversible
 - **Hose:** ¼ inch (6.3 mm) - ⅜ inch (10 mm)

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 **Mineral Spirits**, as well as all painting tools and airless equipment. More serious paint 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!**

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.

REV 12-20

PRODUCT APPLICATION – General

Shield's All Decorative Stone & Paver Sealer may be easily applied with a quality brush, roller, or spray equipment as follows;

- If adding a non-skid additive, stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed. Surface to be painted should be completely dry for 24 hours before application.
- For best results, it is recommended to apply two (2) finish coats. Avoid heavy build-up of coating material.
- **Do Not Pour Sealer Onto Surface Area!** 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 quality smooth, medium or rough nap roller, depending on surface porosity, and apply an even and generous coat in a "W" or crisscross motion, avoiding any excessive respreading or reworking.
- **Spray Application:** When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.011 – 0.013 fluid spray tip.
- Back-roll surfaces coated using spray equipment to ensure a uniform film, even coverage and proper adhesion. Do not allow sealer to puddle on the surface.
- 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. Do not apply when surface and air temperature is within 5° of 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.

SPECIAL NOTE: FINISHED SURFACE MAY BECOME SLIPPERY WHEN WET. A NON-SKID ADDITIVE, SUCH AS RICHARD'S #SG-60, SKID GUARD MAY BE ADDED DURING APPLICATION TO PROMOTE A MORE ANTI-SLIP FINISH.

PRECAUTIONARY & SAFETY INFORMATION

CAUTIONS: FLAMMABLE! CONTAINS XYLENE! Keep away from heat, sparks, and open flames. Prevent build-up of vapors by opening all windows and doors to achieve proper cross-ventilation. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during and until all vapors are gone. **USE WITH ADEQUATE VENTILATION!** Do not breathe dusts, vapors, or spray mists. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness, or if air monitoring demonstrates vapor / mist levels are above applicable levels, wear an appropriately fitted respirator, (NIOSH approved), during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eye, 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!** Refer to SDS for additional health and safety information.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the content herein may be harmful or fatal.

FIRST AID: In case of eye contact, flush immediately with plenty of water for 15 minutes, and get medical attention immediately; for skin contact, wash thoroughly with plenty of soap and water. If you experience difficulty breathing, leave 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!