



PRODUCT DATA SHEET

PROD. #55
**SHIELD'S ALL BRICK PAVER & CONCRETE
 RE-SEAL CLEAR SEALER/FINISH**



PRODUCT DESCRIPTION

Shields All Brick Paver & Concrete Re-Seal Clear Sealer/Finish is a specially formulated solvent borne acrylic sealer specifically designed for application to previously sealed brick pavers and concrete surfaces that have faded or lost their luster over time. Formulated to penetrate and re-seal the surface, it enhances the pavers to give them that same rich "Wet Look" finish that had faded away. It provides superior toughness and durability, protects against the penetration of moisture, oils, grease stains, and any other damaging or discoloring agents. For Exterior Use Only.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES	VOC COMPLIANCE																														
<ul style="list-style-type: none"> Solvent Acrylic Formula Rejuvenates Existing Finish Penetrates & Seals Moisture Resistant Stain Resistant Excellent Coverage Excellent Durability Excellent Wear Resistance Easy To Apply 	<p><i>Suitable for the following properly prepared surfaces;</i></p> <p>EXTERIOR</p> <table> <tr> <td>Brick Pavers</td> <td>Kool Decks</td> </tr> <tr> <td>Stamped Concrete</td> <td>Pool Decks</td> </tr> <tr> <td>Patios</td> <td>Loading Docks</td> </tr> <tr> <td>Concrete Floors</td> <td>Decorative Brick</td> </tr> <tr> <td>Garage Floors</td> <td>Stone</td> </tr> <tr> <td>Warehouse Floors</td> <td>Cobblestone</td> </tr> </table>	Brick Pavers	Kool Decks	Stamped Concrete	Pool Decks	Patios	Loading Docks	Concrete Floors	Decorative Brick	Garage Floors	Stone	Warehouse Floors	Cobblestone	<p>Product Quality: Premium / Best</p> <p>Product Use: Exterior Only</p> <p>Application: Brush, Roller Cover Airless Spray</p> <p>Product System: Solvent-Based</p> <p>Finish: High Gloss</p>	<table> <tr> <td>AIM</td> <td>No</td> </tr> <tr> <td>OTC</td> <td>No</td> </tr> <tr> <td>CARB</td> <td>No</td> </tr> <tr> <td>SCAQMD</td> <td>No</td> </tr> <tr> <td>MPI #</td> <td>No</td> </tr> <tr> <td>LEED® 09CI</td> <td>No</td> </tr> <tr> <td>LEED® 09NC</td> <td>No</td> </tr> <tr> <td>LEED® 09CS</td> <td>No</td> </tr> <tr> <td>LEED® H</td> <td>No</td> </tr> </table>	AIM	No	OTC	No	CARB	No	SCAQMD	No	MPI #	No	LEED® 09CI	No	LEED® 09NC	No	LEED® 09CS	No	LEED® H	No
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SURFACE PREPARATION

General: The entire surface area to be treated 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 product.

- To clean the floor, use a minimum 2000 psi pressure washer, or thoroughly scrub the floor area to be treated with a non-ammoniated detergent cleaner, such as TSP, (Tri-Sodium Phosphate). Rinse thoroughly with clean water and allow the surface to dry thoroughly for up to 12 – 24 hours before product application.
- Repair/replace all damaged, deteriorated, and surface imperfections with the proper patching compounds and/or building materials. Allow all patching materials to dry thoroughly.
- Allow all new cementitious surfaces 30 – 90 days to dry/cure before product application. Remove all curing compounds and release agents by detergent cleaning, and allow to dry thoroughly.
- Most concrete and masonry substrates will need to be acid washed prior to product application by mixing a 1:3 ratio of muriatic acid and water, per gallon solution. **Special Note: Please observe all noted safety precautions when working with Muriatic Acid, and carefully read all label specifications pertaining to the safe mixing of this material!**
- Working in sections, spread solution evenly with a firm bristle push broom and allow acid solution to effervesce, or boil the surface until it has completely stopped, (approx. 10 – 15 minutes). Rinse the surface thoroughly with clean water and allow a minimum of 24 hours to dry.
- Once dry, the surface should have the look and feel of medium to rough sandpaper. It may be necessary to repeat this procedure until this effect is accomplished.
- Paver Re-Seal is formulated primarily for application to new and/or unfinished cementitious surfaces, applied over itself, or other similar solvent thinned acrylic coatings, such as Richard's product #51, PaverSeal.

Mildew - Surface areas affected by mildew should be washed with a commercial mildew removal 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.

PRODUCT ANALYSIS DATA

PIGMENT: 0.00%

VEHICLE: 100.00%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

TECHNICAL DATA

- COLORS:** Clear
- TINTING:** 844 Industrial Colorant
- VEHICLE TYPE:** Solvent-Acrylic
- VISCOSITY:** 15-18 Sec. / #2 Zahn Cup
- GLOSS @ 60°:** High Gloss / 90 units
- FLASH POINT:** 45° F
- VOC:** Not to Exceed 800 g/l – 6.72 lb/gal
- SOLIDS:** By Volume: 10.83% ± 2%
By Weight: 13.49% ± 2%
- COVERAGE:** 200 – 400 Sq. Ft. / Gal.
(Depending on Application & Surface Porosity.)
- MIL FILM:** Estimated @ 400 Sq. Ft. / Gal.
Wet: 4.0 mils **Dry:** 0.4 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 35 – 45 Minutes
Recoat: 4 Hours, or after overnight dry.
Light Foot Traffic: 4 Hours
Vehicle Traffic: 72 Hours
- CLEAN UP:** Xylene
- THINNING:** Not Recommended

RECOMMENDED PRIMER COATINGS

The following Richard's products are recommended primer coatings for this finish coating material;

- Self-Priming

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 3/8" - 1 1/4" 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 1500 – 2000 PSI
 - **Tip:** 0.011 – 0.013 Reversible
 - **Hose:** 1/4 inch (6.3 mm) - 3/8 inch (10 mm)

PACKAGING & WEIGHT PER GALLON

- | | | |
|---------------------|-----------------|------------------|
| • Packaging: | Quarts – N/A | Gallons – 4/case |
| | 2 Gallons – N/A | 5 Gallons – N/A |

- **Weight Per Gallon:** 7.24 lbs.

CLEAN UP & THINNING INSTRUCTIONS

Clean Up: Any minor spills and/or spatters of Haze Treatment solvent should be allowed to evaporate. No special cleaning procedures are necessary.

Thinning: N/A

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.

PRODUCT APPLICATION – General

Shield's All Brick & Concrete Re-Seal Clear Sealer/Finish may be easily applied with a quality brush, roller cover, airless spray equipment or, low-pressure pump-up sprayer as follows;

- Before application to a previously painted surface, apply a test sample to test for adhesion and compatibility.
- If excessive bubbling, wrinkling, lifting, or any other improper conditions occur, the existing coating will need to be completely removed.
- For best results, it is recommended to apply two (2) finish coats. Allow to dry thoroughly between coats.
- When applying by brush, apply a smooth and generous coat application on small surface areas, such as cutting-in larger surface areas.
- When applying by roller cover, apply an even and generous coat application in a "W" or crisscross motion, avoiding any excessive re-spreading or reworking.
- Always maintain a wet edge during application by brushing or rolling into previously applied coating area.
- During spray application, the surface area should be back-rolled/brushed to effectively work product into surface pores, and insure an even coat application.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.
- Avoid exterior paint application when weather conditions are threatening, and in the late afternoon when there is a threat of moisture condensing on newly painted surfaces.
- **SPECIAL NOTE: Surfaces must be completely dry before applying this product. Do not apply if rain is imminent. A white film may appear if moisture is present immediately before or after application of this product.**

PRECAUTIONARY & SAFETY INFORMATION

CAUTIONS: DANGER! COMBUSTIBLE LIQUID AND VAPOR! CONTAINS MINERAL SPIRITS! Vapor harmful. May affect brain or nervous system causing dizziness, headache or nausea. Causes nose, throat, eyes and skin irritation. Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. **USE WITH ADEQUATE VENTILATION!** Do not breathe dust, 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 limits, wear an appropriate, properly 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!** Refer to Material Safety Data Sheet from your authorized Richard's Dealer for further safety and handling 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 contents may be harmful or fatal.

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

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