



PRODUCT DATA SHEET

PROD. #58
**SHIELD'S ALL 12% SILICONE
 MASONRY WATER REPELLENT**



PRODUCT DESCRIPTION

Shield's All 12% Silicone Masonry Water Repellent is a specially formulated clear water repellent designed to provide excellent waterproofing properties to both new and old exterior cementitious substrates. Easy to apply, it offers a long lasting breathable barrier that provides excellent resistant to water penetration, dirt, salts, acid rain, and alkali and efflorescence. It helps protect masonry surfaces from spalling, as well as helping reinforcing steel in masonry surfaces from corroding due to water intrusion.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES	VOC COMPLIANCE
<ul style="list-style-type: none"> Silicone Alkyd Formulation Excellent Waterproofing Properties Penetrates & Seals Alkali Resistant Resists Salt & Acid Rain Protects Against Masonry Spalling Easy To Apply 	<i>Suitable for the following properly prepared surfaces:</i> EXTERIOR Masonry Stucco Concrete Block Brick Fluted Block Split-Faced Block For Exterior Use Only!	Product Quality: Premium Product Use: Exterior Application: Brush, Roller Cover & Airless Spray Product System: Solvent-Based Sheen: Satin	AIM No OTC No CARB No SCAQMD No MPI # No LEED® 09CI No LEED® 09NC No LEED® 09CS No LEED® H No

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. **SPECIAL NOTE: Not Recommended For Surfaces That Are To Be Painted.**

This Product Will Interfere With The Adhesion Of Top-Coats!

- 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.
- Previously painted surfaces that exhibit serious signs of deterioration should be completely stripped to expose a more suitable surface for the application of paint coatings.
- Repair/replace all damaged, deteriorated, and surface imperfections with the proper patching compounds and/or building materials. All patching materials should be allowed to dry thoroughly.
- Lightly sand smooth all rough paint edges to adjacent surface area. Glossy surfaces should be properly dulled.
- Allow new cementitious substrates should be allowed 30 - 90 days to proper dry/cure, in accordance with industry standards.

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 Colorants / 2 oz./Gal.
- VEHICLE TYPE:** Alkyd
- VISCOSITY:** 14-16 Sec. / #2 Zahn Cup
- GLORR @ 60°:** Satin / 25 - 35 units
- FLASH POINT:** 107° F
- VOC:** Not to Exceed 750 g/l - 6.30 lb/gal
- SOLIDS:** By Volume: 9.23% ± 2%
By Weight: 11.97% ± 2%
- COVERAGE:** 100 - 300 Sq. Ft. / Gal.
(Depending on Application & Surface Porosity.)
- MIL FILM:** Estimated @ 300 Sq. Ft. / Gal.
Wet: 5.3 mils **Dry:** 0.5 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 2-3 Hours
Recoat: Overnight
- CLEAN UP:** Mineral Spirits
- THINNING:** Not Recommended

RECOMMENDED PRIMER COATINGS

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

- **New Wood:**
 - Self-Priming
- **New Masonry:**
 - Self-Priming
- **Previously Painted Surfaces:**
 - 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 ¾" - 1¼" 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:** ¼ inch (6.3 mm) - ⅝ 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:** 6.86 lbs.

CLEAN UP & THINNING INSTRUCTIONS

Clean Up: Clean up any minor spills and splatters immediately with **Mineral Spirits**, 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 **Mineral Spirits**.

PRODUCT APPLICATION – General

Shield's All 12% Silicone Masonry Water Repellent may be easily applied with a quality brush, roller cover, airless spray equipment, or low-pressure pump-up sprayer 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.
- 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 0.011 – 0.013 fluid spray tip.
- If applying with a low-pressure pump-up sprayer, spray coating evenly, working in sections, until entire surface area is coating.
- During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, an even coat application, to work coating into surface pores.
- 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: COMBUSTIBLE! KEEP OUT OF REACH OF CHILDREN! Keep away from heat, sparks and open flames. **INSURE PROPER CROSS-VENTILATION UNTIL COATING HAS DRIED!** Where ventilation is inadequate, use a suitable respirator. Turn off main gas valve until after coating has dried, then have pilot lights re-lighted by a responsible person. Avoid prolonged contact with skin and breathing of vapors and/or spray mists. When spraying this material, use an **OSHA** approved cartridge respirator. 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.

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 herein may be harmful or fatal.

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.