



PRODUCT DATA SHEET

PROD. #50
SHIELD'S ALL CLEAR 100% ACRYLIC WATERPROOFING SEALER



PRODUCT DESCRIPTION

Shield's All Clear 100% Acrylic Waterproofing Sealer is a 100% acrylic waterproofing sealer specially formulated to provide superior protection from moisture penetration and the effects of weathering on a variety of properly prepared substrates. It may be top-coated with water-based paints, and elastomeric coatings. It may also be used as a surface conditioner for lightly chalked painted substrates. Easy to apply, it is mildew resistant, non-flammable, resists salts and acids, and is safe for use on pre-colored cementitious surfaces. It is fast drying and it may be mixed with latex-based coatings - (1 part Shield's All to 10 parts latex paint), to improve products overall weathering properties. Environmentally safe, it is non-toxic to humans, animals and vegetation, and is low VOC.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES												
<ul style="list-style-type: none"> • 100% Acrylic Formula • Penetrates & Seals • Waterproofs • Can Be Added To Latex-Based Paints • Mildew Resistant • Dries Clear • Easy To Apply • VOC Compliant 	<p><i>Suitable for, but not limited to application on the following properly prepared surfaces;</i></p> <p>INTERIOR / EXTERIOR</p> <table> <tr> <td>Masonry</td> <td>Concrete</td> </tr> <tr> <td>Drywall</td> <td>Decorative Brick</td> </tr> <tr> <td>Plaster</td> <td>Stone</td> </tr> <tr> <td>Stucco</td> <td>Masonite Siding</td> </tr> <tr> <td>Tile Grout</td> <td>Wood Shingles</td> </tr> <tr> <td>Wood Trim & Siding</td> <td>Painted Surfaces</td> </tr> </table> <p>Great For Both Interior & Exterior Use!</p>	Masonry	Concrete	Drywall	Decorative Brick	Plaster	Stone	Stucco	Masonite Siding	Tile Grout	Wood Shingles	Wood Trim & Siding	Painted Surfaces	<p>Product Quality: Premium</p> <p>Product Use: Interior / Exterior</p> <p>Application Methods: Brush, Roller, Airless Spray</p> <p>Product System: Water-Base</p> <p>Sheen: Gloss</p> <p>VOC Compliance: AIM, OTC, LADCO</p>
Masonry	Concrete													
Drywall	Decorative Brick													
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Stucco	Masonite Siding													
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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.

- Repair/replace any damaged and/or delaminated surface areas.
- Remove any loose scale, chalked, cracked and peeling paint from previously painted substrates by hand scraping, sanding, wire brushing and/or power tool cleaning.
- Sand all rough paint edges smooth to adjacent surface area.
- Sand all glossy surface areas to effectively dull sheen level to improve adhesion.
- All smooth concrete floors should be acid washed to allow for maximum penetration.
- Repair/replace any damaged and/or delaminated surface areas with the proper patching compounds or building materials. Allow all repaired surface areas to dry thoroughly before application of paint coatings.

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:** Universal Colorants – Up to 2 oz./Gal.
- **VEHICLE TYPE:** 100% Acrylic
- **VISCOSITY:** 15 – 17 Sec. Zahn #2 Cup
- **GLOSS @ 60°:** Gloss / 75 units ± 2
- **FLASH POINT:** N/A
- **VOC:** Not to Exceed 250 g/l – 2.10 lb/gal
(Meets AIM, OTC & CARB Standards)
- **SOLIDS:** By Volume: 16.23% ± 2%
By Weight: 16.85% ± 2%
- **COVERAGE:** 75 – 400 Sq. Ft. / Gal.
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- **MIL FILM:** Estimated @ 400 Sq. Ft. / Gal.
Wet: 4.0 mils **Dry:** 0.7 mils
- **DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 1 – 2 Hours
Recoat: 3 – 4 Hours
(Dry times listed may vary according to relative humidity, temperature, film build, color and air movement.)
- **DRIES BY:** Coalescence / Solvent Evaporation
- **CLEAN UP:** Warm Soapy Water
- **THINNING:** Clean Water

RECOMMENDED PRIMER COATINGS

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

- **New Gypsum Drywall / Plaster:**
 - Self-Priming
- **New Wood:**
 - Self-Priming
- **New Masonry**
 - Self-Priming
- **New Non-Ferrous, Aluminum & Galvanized Metal:**
 - Self-Priming
- **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 ¾" - 1¼" 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:** 0.011 – 0.013 Reversible
 - **Hose:** ¼ inch (6.3 mm) - ⅜ inch (10 mm)

PACKAGING & WEIGHT PER GALLON

- **Packaging:** Quarts – N/A Gallons – 4/case
2 Gallons – N/A 5 Gallons - Each
- **Weight Per Gallon:** 8.48 lbs.
- **Shelf Life:** Unopened – 2 to 3 Years

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 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. However, if thinning is required, you may add clean water up to ½ 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 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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PRODUCT APPLICATION – General

Shield's All Clear 100% Acrylic Waterproofing Sealer may be easily applied with a quality brush, roller cover, airless spray or low-pressure pump-up sprayer equipment as follows;

- Stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed.
- 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 to wood surfaces by brush or roller, apply in the direction of the wood grain.
- 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.
- When applying by low-pressure pump up sprayer, prime the tank by pumping until resistance is met. The tip should be adjusted to achieve an even and continuous fan spray of approximately 4" – 6" inches. Begin spraying material in a continuous manner, saturating the surface area but avoiding any puddling. If puddling occurs, use a brush, roller or pad to distribute excess material evenly.
- During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, an even coat application, and 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: 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!