



PRODUCT DATA SHEET

PROD. 895.101

BARRICADE

PLIOLITE MASONRY WATERPROOFER



PRODUCT DESCRIPTION

Richard's Barricade Pliolite Masonry Waterproofer is a specially formulated waterproof primer coating intended to waterproof both interior and exterior, above and below grade cementitious substrates. It penetrates the surface pores of the masonry substrate to form a waterproof barrier that stops water seepage. It also reconditions cementitious substrates that show signs of spalling, efflorescence, or deterioration due to excessive moisture. It provides excellent coverage, is alkali and mildew resistant, provides excellent durability, may be applied to damp masonry substrates, and is easy to apply. Mildew Resistant - This paint contains agents which inhibit the growth of mildew on the surface of this paint film.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES	
• Waterproof Formula • Penetrates & Seals • Stops Water Seepage • Reconditions The Surface • Excellent Coverage • Excellent Durability • Applies To Damp Surfaces • Easy To Apply	Suitable for, but not limited to the following properly prepared surfaces;		
	INTERIOR/EXTERIOR		
	• Masonry • Stucco • Poured Concrete • Concrete Block • Brick	• Concrete Decks • Retaining Walls • Basement Walls • Below Grade Concrete Walls • Etc.	Product Quality: Professional
			Product Use: Interior & Exterior
			Application: Brush, Roller & Spray
		Product System: Solvent-Based	
		Sheen: Flat	
		MPI Standards: No	
		VOC Compliance: EPA AIM, LADCO, OTC Phase I	
Great For Interior & Exterior Use			

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.

- PREVIOUSLY PAINTED CONCRETE SURFACES:** Barricade is formulated to be applied to bare cementitious surfaces only. Any existing coatings should be completely removed before application of this product.
- 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:** All new masonry surfaces should be allowed 30 – 45 days to properly dry/cure in accordance with industry standards. The surface should be tested for pH and alkali levels. Surface should not read higher than 8.5 – 9 level.
- 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.

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:** White
- TINTING:** Not Recommended
- VEHICLE TYPE:** Pliolite
- VISCOSITY:** 82 KU $\pm$ 2
- GLOSS @ 60°:** Flat / 0 – 5 units
- FLASH POINT:** 107° F
- COATING VOC:** Not to Exceed 400 g/l – 3.34 lbs./gal
(EPA AIM, LADCO, OTC Phase I)
- SOLIDS BY VOLUME:** 49.46% $\pm$ 2%
- SOLIDS BY WEIGHT:** 72.14% $\pm$ 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 @ 250 SFPG)
Wet: 6.4mils **Dry:** 3.2 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 4 hrs. | **Recoat:** 8 hrs. / Overnight
(Actual dry time may vary according to relative humidity, temperature, color, applied film build and air movement.)
- DRIES BY:** Oxidation / Solvent Evaporation
- CLEAN UP:** Mineral Spirits
- THINNING:** DO NOT THIN!
- WEIGHT/GAL:** 12.78 lbs.
- SHELF LIFE:** 2 - 3 years unopened.
- PACKAGING:** |Gal. – 4/cs. | 5 Gal. - Each

RECOMMENDED FINISH COATINGS

The following Richard's products are recommended finish coatings for this primer coating material, and are not limited to the products listed below;

FLAT FINISHES

- 100 Series, Signature Series 100% Acrylic Int./Ext. Flat House Paint
- 350 Series, Rich Classic Int./Ext. Acrylic House Paint
- 650 Series, Rich Shield Premium 100% Acrylic Flat House Paint

LO-LUSTER/EGGSHELL FINISHES

- 130 Series, Signature Series 100% Acrylic Lo-Luster House & Trim Paint
- 370 Series, Rich Classic Acrylic Eggshell House & Trim Paint
- 630 Series, Rich Wall Premium Latex Eggshell Enamel

SATIN FINISHES

- 360 Series, Rich Classic Acrylic Satin House & Trim Paint
- 400 Series, Signature Series 100% Acrylic Satin House & Trim Paint
- 640 Series, Rich Shield Premium 100% Acrylic Satin House & Trim Paint

SEMI-GLOSS FINISHES

- 380 Series, Rich Classic Acrylic Semi-Gloss Enamel
- 680 Series, Rich Shield Premium 100% Acrylic Semi-Gloss Enamel
- 750 Series, Signature Series 100% Acrylic Semi-Gloss Enamel

GLOSS FINISHES

- 200 Series, Signature Series 100% Acrylic Gloss House & Trim Paint
- 660 Series, Rich Shield Premium 100% Acrylic Gloss House & Trim Paint

APPLICATION EQUIPMENT

Brush Application: Apply using a 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 2500 PSI
- **Tip:** 0.019 – 0.021 Reversible
- **Hose:** ¼ inch (6.3 mm) - ¾ inch (10 mm)

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. However, if thinning is required, you may add **Mineral Spirits**.

PRODUCT APPLICATION – General

Richard's Barricade Pliolite Masonry Waterproofer may be easily applied with a quality brush, roller, or spray equipment as follows;

- Stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed. For best waterproofing properties, apply two (2) prime coats to bare cementitious surfaces.

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 respraying or reworking.

- Apply in such a manner as to yield a minimum 3.0 – 6.0 wet film thickness, (WFT).

Spray Application: When applying by airless spray equipment, use a unit with a minimum of 2500 psi of pressure, with a 0.019 – 0.021 fluid spray tip.

- Rough or textured surfaces coated using spray equipment should be back-rolled to ensure a uniform film, even coverage and proper adhesion.
- 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 the 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.

PRODUCT LIMITATIONS

- Not for use in corrosive or chemical environments.
- Not for use in areas subject to intense heat.
- Not to be left uncoated or used as a finish coating.

PRECAUTIONARY & SAFETY INFORMATION

CAUTIONS: COMBUSTIBLE! 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!

LIMITED WARRANTY

Richard's Paint 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, 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.