

PRODUCT DATA SHEET PROD.#895 BARRICADE PLIOLITE MASONRY WATERPROOFER



PRODUCT DESCRIPTION

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		VOC COMPLIANCE	
Waterproof Formula	Suitable for the following properly prepared surfaces;		Product Quality:	Professional	AIM	Yes
 Penetrates & Seals 	INTERIOR / EXTERIOR		Product Use:	Interior / Exterior	OTC	No
 Stops Water Seepage 	Masonry	Concrete Decks	Application:	Brush, Roller Cover,	CARB	No
Reconditions The Surface	Stucco	Retaining Walls		Airless Spray	SCAQMD	No
 Excellent Coverage 	Poured Concrete	Basement Walls	Product System:	Solvent-Based	MPI#	No
 Excellent Durability 	Concrete Block	Below Grade Concrete	Finish:	Flat	LEED® 09CI	No
 Applies To Damp Surfaces 	Brick	Walls			LEED® 09NC	No
Easy To Apply	Concrete Floors	Etc.			LEED® 09CS	No
,,	Great For Both Inter	ior & Exterior Use!			LEED® H	No

SURFACE PREPARATION

<u>General:</u> 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.

- 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 show signs of serious deterioration should have the existing coating completely removed and treated as a new masonry surface.
- For exterior surfaces, pressure wash the entire surface area using a unit with a minimum of 2000
 psi of water pressure. More difficult areas should be hand scraped, sanded, wire brushed and/or
 power tool cleaned as mentioned above.
- Repair/replace any damaged and/or delaminated cementitious surface areas, such as cracks, voids and surface imperfections with the proper patching and/or building materials. All patching materials should be allowed to dry thoroughly before application of paint coatings.

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.

PRODUCT ANALYSIS DATA

<u>PIGMENT: 59.39%</u> <u>VEHICLE: 40.61%</u>

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

TECHNICAL DATA

• COLORS: White

• TINTING: Not Recommended

VEHICLE TYPE: Pliolite

• VISCOSITY: 82 KU ± 1

• GLOSS @ 60°: Flat / 0 – 5 units

• FLASH POINT: 107º F

• VOC: Not to Exceed 425 g/l - 3.57 lbs./gal

• **SOLIDS:** By Volume: 49.46% ± 2% By Weight: 72.14% ± 2%

• **COVERAGE:** 200 – 300 Sq. Ft. / Gal. (Depending on Application & Surface Porosity.)

MIL FILM: Estimated @ 250 Sq. Ft. / Gal.
 Wet: 6.4 mils
 Dry: 3.2 mils

• **DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 4 Hours
Recoat: 8 Hours, or after overnight.

CLEAN UP: Mineral Spirits
THINNING: DO NOT THIN!

RECOMMENDED FINISH COATINGS

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

FLAT FINISHES

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

LO-LUSTER/EGGSHELL FINISHES

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

SATIN FINISHES

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

SEMI-GLOSS FINISHES

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

GLOSS FINISHES

- 200, Signature Series 100% Acrylic Gloss House & Trim Paint
- 660, Rich Shield Premium100% 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 ½" 1¼" nap synthetic, or lamb's wool roller cover, depending on texture or surface porosity.
- Spray Application:

Pump: Gas or Electric Airless Sprayer

• Pressure: Minimum 2500 psi

Tip: 0.01900 – 0.021 Reversible
 Hose: ¼ inch (6.3 mm) - ¾ inch (10 mm)

PACKAGING & WEIGHT PER GALLON

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

• Weight Per Gallon: 12.78 lbs.

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

Barricade Pliolite Masonry Waterproofer may be easily applied with a quality brush, roller cover, or airless 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.
- 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.
- Apply in such a manner as to yield a minimum 3.0 6.0 wet film thickness, (WFT).
- 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.
- During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, an even coat application, and to work primer 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 to be left uncoated or used as a finish coating.
- Not for use in corrosive or chemical environments.
- Not for use in areas subject to intense heat.

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!

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, notice of seller remains 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.