



# PRODUCT DATA SHEET

PROD. 897.101 - SMOOTH

## BARRICADE

### ACRYLIC MASONRY WATERPROOF COATING



#### PRODUCT DESCRIPTION

**Richard's Barricade Acrylic Masonry Waterproof - Smooth** is a non-textured masonry waterproofing coating specifically designed to waterproof both interior and exterior, above or below grade cementitious substrates. It penetrates surface pores to become an integral part of the masonry substrate and forms a tough waterproof barrier. It reconditions masonry substrates that show signs of spalling or deterioration due to excessive surface moisture. It provides excellent coverage, is alkali and mildew resistant, and may be applied to slightly damp masonry substrates. This coating will withstand up to 10 PSI of water pressure when applied to bare masonry substrates. **FOR INTERIOR & EXTERIOR USE.**

PRODUCT FEATURES	PRODUCT USES		PERFORMANCE QUALITIES	
<ul style="list-style-type: none"><li>• Waterproof Formula</li><li>• Penetrates &amp; Seals</li><li>• Stops Water Seepage</li><li>• Reconditions The Surface</li><li>• Excellent Coverage</li><li>• Excellent Durability</li><li>• Applies To Damp Surfaces</li><li>• Easy To Apply</li></ul>	<i>Suitable for, but not limited to the following properly prepared surfaces;</i>		<b>Product Quality:</b>	Premium Professional
	<b>INTERIOR/EXTERIOR</b>		<b>Product Use:</b>	Interior / Exterior
			<b>Application:</b>	Brush, Roller & Spray
			<b>Product System:</b>	Water-Based
			<b>Sheen:</b>	Smooth Flat
			<b>MPI Standards:</b>	No
			<b>VOC Compliance:</b>	EPA AIM, LADCO, OTC Phase I & Canada
	<b>Great For Interior &amp; Exterior Use.</b>			

#### 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.

- PAINTED SURFACES:** 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. Sand rough paint edges smooth to adjacent surface area. Sand glossy surfaces. Spot prime bare surface areas and allow to thoroughly dry before applying additional coats.
- NOTE:** This product is not warranted when applied to previously painted substrates, swimming pools and any other substrates that are constantly under water. If applying this product to pool decks, it is recommended to top coat with **Richard's #4200, Deck Guard 100% Acrylic Deck Coating** for maximum performance.
- MASONRY & CONCRETE:** Allow a minimum 30 - 45 days to properly dry/cure. The surface should be tested for pH and alkali levels and should not read higher than 10.0. Clean surface thoroughly to remove contaminants, oil, grease and embedded chemicals. Smooth, slick, glazed, poured or pre-cast concrete should be acid etched, abrasive or shot blasted providing a finish similar to that of 60 grit sandpaper.
- 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](http://www.epa.gov/lead).

#### TECHNICAL DATA

- COLORS:** White
- TINTING:** Universal Colorants (up to 2 oz. per gallon.)
- VEHICLE TYPE:** Proprietary Acrylic
- VISCOSITY:** 119 KU  $\pm$  3
- GLOSS @ 60:** Flat | 0 – 5 units
- FLASH POINT:** N/A
- COATING VOC:** Not to Exceed 100 g/l – 0.833 lbs./gal  
(Meets EPA AIM, LADCO, OTC Phase I & Canada Standards)
- SOLIDS BY VOLUME:** 53.37%  $\pm$  2%
- SOLIDS BY WEIGHT:** 67.30%  $\pm$  2%
- ESTIMATED COVERAGE:** 75 – 100 SFPG  
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- RECOMMENDED MIL FILM:** (Estimated @ 100 SFPG)  
**Wet:** 16.0 mils **Dry:** 7.9 mils
- ESTIMATED DRY TIME:** (@ 70° F & 50% Relative Humidity)  
**To Touch:** 1 hr. | **Recoat:** 3 – 4 hrs. or overnight dry.  
(Actual dry time may vary according to relative humidity, temperature, color, applied film build and air movement.)
- DRIES BY:** Coalescence / Solvent Evaporation
- CLEAN UP:** Warm Soap & Water
- THINNING:** Clean Water
- WEIGHT/GAL:** 11.82 lbs.
- SHELF LIFE:** 2 - 3 years unopened.
- PACKAGING:** | Gal. – Each | 5 Gal. - Each

## RECOMMENDED PRIMER COATINGS

The following Richard's products are recommended finish coatings for this waterproofer, but 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 Premium Latex Acrylic Int./Ext. Flat House Paint
- 600 Series, Rich Wall Premium Acrylic Int. Wall Paint
- 650 Series, Rich Shield Premium 100% Acrylic Int./Ext. Flat House Paint

### LO-LUSTER/EGGSHELL FINISHES

- 220 Series, Eternity High Performance Exterior Coating
- 370 Series, Rich Classic Premium Latex Acrylic Int./Ext. Eggshell

### SATIN FINISHES

- 360 Series, Rich Classic Premium Latex Acrylic Int./Ext. Satin House Paint
- 400 Series, Signature Series 100% Acrylic Int./Ext. Satin House & Trim
- 640 Series, Rich Shield Premium 100% Acrylic Int./Ext. Satin House & Trim

### SEMI-GLOSS FINISHES

- 380 Series, Rich Classic Premium Latex Acrylic Int./Ext. Semi-Gloss
- 680 Series, Rich Shield Premium 100% Acrylic Int./Ext. Semi-Gloss
- 750 Series, Signature Series 100% Acrylic Int./Ext. Semi-Gloss

### GLOSS FINISHES

- 660 Series, Rich Shield Premium 100% Acrylic Int./Ext. Gloss House Paint
- 1200 Series, EXCEL Waterborne DTM Acrylic Gloss

## APPLICATION EQUIPMENT

**Brush Application:** Apply using a quality nylon, polyester, or combination nylon/polyester bristle brush.

**Roller Application:** Apply using a  $\frac{3}{8}$ " -  $1\frac{1}{4}$ " 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 2000 PSI
- **Tip:** 0.019 – 0.021 Reversible
- **Hose:**  $\frac{1}{4}$  inch (6.3 mm) -  $\frac{3}{4}$  inch (10 mm)

## 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 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. Do Not Thin.

## PRODUCT APPLICATION – General

**Richard's Barricade Acrylic Masonry Waterproof Coating - Smooth** 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 results, it is recommended to apply two (2) finish coats.

**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.

**Spray Application:** When applying by airless spray equipment, use a unit with the capability of 2000 PSI with a 0.019 – 0.021 spray tip.

- Rough or textured surfaces coated using spray equipment should be back-rolled to ensure a uniform film, even coverage and proper adhesion.
- Apply in such a manner as to yield a minimum 16.0 mil wet film thickness, (WFT) per coat application.
- 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.

## 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!**

## 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, 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.

