



## PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 250 SERIES

RICH FLEX 100% ACRYLIC ELASTOMERIC  
MASONRY WATERPROOF COATING

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### PRODUCT DESCRIPTION

Richard's Rich Flex 100% Acrylic Elastomeric Masonry Waterproof Coating is a high build, acrylic emulsion coating that provides a waterproof finish on cementitious surfaces. Its unique formulation is designed to provide maximum protection from wind driven rains up to 100 miles an hour, while its permeable film build bridges hairline cracking and allows moisture vapors from within the structure to evaporate, or escape out through its membrane. This above grade coating provides outstanding durability, flexibility, weatherability and washability to most cementitious substrates in accordance with ASTM specifications. It has excellent color retention, resists sagging, is chemical resistant, mildew resistant and non-toxic. Formulated to meet Federal Specification TT-C-555B for resistance to wind driven rains. **Mildew Resistant** - This paint contains agents which inhibit the growth of mildew on the surface of the paint film.  
**FOR EXTERIOR USE ONLY!**

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### SUGGESTED PRODUCT USE

*SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:*

**CONCRETE BLOCK \* BRICK \* MASONRY \* STUCCO \* POURED CONCRETE \* METAL \* WOOD**

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### PRODUCT FEATURES

**PRODUCT VERSATILITY \* BRIDGES HAIRLINE CRACKING \* WATERPROOFS \* FADE & MILDEW RESISTANT  
LOW TEMPERATURE FLEXIBILITY \* WATERPROOFS \* ENVIRONMENTALLY SAFE!**

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### PRODUCT SPECIFICATION DATA

* <b>COLORS:</b>	White & Tint Bases
* <b>FINISH:</b>	Smooth Flat, Med. & Coarse Textures
* <b>FLASH POINT:</b>	<b>214° F.</b>
* <b>METHOD USED:</b>	<b>T.C.C.</b>
* <b>COATING V.O.C.:</b>	<b>Not To Exceed - .83 LB/GAL. - (100 GRAMS/LTR.)</b>
* <b>SOLIDS:</b>	By Volume: 48.50% ± 2% By Weight: 61.20% ± 2%
* <b>WATER VAPOR TRANSMISSION:</b>	32 Perms
* <b>ELONGATION @ 25° C:</b>	794% - Meets ASTM-D412 Specification
* <b>TENSILE STRENGTH PSI @ 25° C:</b>	161 - Meets ASTM-D412 Specification
* <b>WIND DRIVEN RAINS:</b>	Pass - Meets TT-C-555B Federal Specification
* <b>RECOMMENDED MIL FILM:</b>	Wet: 16.0 mils - (Estimated at 100 Square Feet Per Gallon). Dry: 7.8 mils - (Estimated at 100 Square Feet Per Gallon).
* <b>ESTIMATED COVERAGE:</b>	Covers approximately 75 - 125 square feet per gallon, depending on the type of application and the porosity of the surface area to be painted.
* <b>CLEAN UP:</b>	<b>Warm Soapy Water</b>
* <b>THINNING:</b>	<b>Clean Water</b>
* <b>ESTIMATED DRY TIME:</b>	Dries to the touch in approximately 2 - 4 hours. Re-coat after 4 hours or overnight dry, depending on conditions.

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### PRODUCT ANALYSIS DATA

PIGMENT: 36.00%

VEHICLE: 64.00%

*MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON FORMAL REQUEST.*

## **SURFACE PREPARATION**

**General:** The entire surface area to be painted should be clean, dry, sound, fully cured and free from all dirt, grease, oils, waxes, mildew, curing agents and any other surface contaminants. For best results, it is recommended to pressure wash the surface area using a pressure washer with a minimum of 2500 psi of pressure. Remove all loose scale, chalked, cracked and peeling paint by hand scraping, sanding, wire brushing and/or power tool cleaning, such as pressure washing or sandblasting. Prime all chalky surface areas with Richard's recommended masonry sealer. Repair/replace all surface imperfections, cracks and voids, damaged and/or deteriorated surfaces with **Richard's #P810, P820 P830 & P840 Series, Seal Flex Elastomeric Masonry Patching Compounds.**

**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 a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD, or log on to [www.epa.gov/lead](http://www.epa.gov/lead)

## **PRODUCT APPLICATION**

**Richard's Rich Flex 100% Acrylic Elastomeric Waterproof Masonry Coating** is easily applied with a quality brush, roller, or airless spray equipment. For best results, it is recommended to apply by brush and roller cover. When applying with a brush, apply a smooth and generous coat application on/in small surface areas such as cutting-in larger surface areas. When applying by roller cover, apply an even and generous coat application use a minimum 1/2" to 1 1/2" nap cover, depending on the surface texture. Apply coating in such a manner as to yield a minimum 10 mil wet film build. Apply in an "M" or crisscross motion, avoiding any excessive respreading or reworking. Always maintain a wet edge by brushing/rolling into previously applied coating area. If applying by airless spray, it is recommended to use a unit that has the capacity to pump a minimum of two gallons per minute with a 0.021 - 0.035 fluid spray tip. The surface area should be back-rolled during spray application to ensure proper adhesion, even application and proper wet mil film thickness. For best results, it is recommended to apply two finish coats. The first coat should be allowed to dry overnight before application of the second coat. Avoid painting outside when weather conditions are threatening and late in the afternoon when there is a threat of moisture condensing on wet paint. Apply when surface and ambient temperatures are above 55° F and below 90° F. **KEEP FROM FREEZING!**

## **PRECAUTIONS**

**CAUTION: KEEP OUT OF REACH OF CHILDREN! Keep From Freezing!** Avoid prolonged contact with skin and breathing of vapors and/or spray mists. **USE WITH ADEQUATE VENTILATION!** Where ventilation is inadequate, use a suitable respirator. 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 soap and water. For eye contact, flush thoroughly with plenty of water for 15 minutes and **Seek Immediate Medical Attention!** If affected by inhalation, move immediately to fresh air.

If swallowed, **Do Not Induce Vomiting! Seek Immediate Medical Attention!**

## **MIXING INSTRUCTIONS & PACKAGING**

Stir thoroughly and apply as it comes from the container. **Thinning Is Not Necessary, DO NOT THIN!**

\* Pint Cans: N/A

\* Quart Cans: N/A

\* Gallon Cans: 4 Per Case

\* Two Gallon Cans: N/A

\* Five Gallon Cans: Each

\* Weight Per Gallon: 11.52 lbs.

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