



## PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 270

ELASTOMERIC ROOF COATING

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### PRODUCT DESCRIPTION

**Richard's 270 Elastomeric Roof Coating** is a specially formulated roof coating suitable for application to a variety of roofs. Its special formulation provides excellent weatherability, fade resistance and excellent waterproofing characteristics for most roofing substrates. Its brilliant white color contributes significantly to reducing inside temperatures by reflecting the sun's rays. It resists chalking and dirt, is sulfide stain resistant, non-yellowing, resists shrinkage and is fungus, algae & mildew resistant. **Mildew Resistant** - This paint contains agents which inhibit the growth of mildew on the surface of this paint film.

**NOT FOR USE ON SURFACES THAT MAY EXPERIENCE PONDING WATER! FOR EXTERIOR USE ONLY!**

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### SUGGESTED PRODUCT USE

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

**CEMENT TILE ROOFS \* BARREL TILE ROOFS \* GRAVEL ROOFS \* SLATE ROOFS \* MOBILE HOME ROOFS  
METAL ROOFS \* TRAVEL TRAILERS**

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### PRODUCT FEATURES

**EASY TO APPLY \* WATERPROOFS \* EXCELLENT WEATHERABILITY  
MILDEW, FUNGUS & ALGAE RESISTANT \* REDUCES INT. TEMPERATURES \* CONTAINS NO LEAD PIGMENTS**

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### PRODUCT SPECIFICATION DATA

* <b>COLORS:</b>	White
* <b>FINISH:</b>	Satin
* <b>FLASH POINT:</b>	<b>240° F.</b>
* <b>METHOD USED:</b>	T.C.C.
* <b>COATING V.O.C.:</b>	<b>Not To Exceed - 1.67 LB/GAL. - (200 GRAMS/LTR.)</b>
* <b>SOLIDS:</b>	By Volume: 46.05% ± 2% By Weight: 60.74% ± 2%
* <b>RECOMMENDED MIL FILM:</b>	Wet: 16.0 mils - (Estimated at 100 Square Feet Per Gallon). Dry: 7.4 mils - (Estimated at 100 Square Feet Per Gallon).
* <b>ESTIMATED COVERAGE:</b>	Covers approximately 50 - 125 square feet per gallon, depending on the type of application and the porosity of the surface areas to be painted.
* <b>CLEAN UP:</b>	<b>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: 37.85%

VEHICLE: 62.15%

***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 and free from all dirt, grease, oils, waxes, mildew and any other surface contaminants. For best results, it is recommended to use a pressure washer with a minimum of 1500 psi of pressure. Remove any loose scale, chalked, cracked or peeling paint from previously painted substrates by hand scraping, sanding wire brushing and/or power tool cleaning, such as pressure washing or sandblasting. Repair/replace any damaged, deteriorated surface areas. Spot prime all bare and/or new surface areas with Manufacturers recommended primers/sealers. Previously painted surfaces may need to be properly primed, depending on type of surface and the overall condition of the existing paint coating. **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.

**Cement, Slate, Barrel & Masonry Tile Roofs:** Richard's #1791-C 100% Acrylic Masonry Surface Conditioner, or another recommended Richard's masonry sealer.

**Mobile Home, Gravel & Asphalt Shingle Roofs:** Richard's 56, Signature Series Waterborne Epoxy Ester Masonry Bonding Liquid.

**Metal Roofs:** Richard's #1015, Rust Shield Red Oxide Metal Primer, #1017, Rust Shield Zinc Chromate Metal Primer, or #1120, Industrial Coatings Universal Primer.

**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)

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## **PRODUCT APPLICATION**

**Richard's 270 Elastomeric Roof Coating** may be easily applied with a quality brush, roller, or airless spray equipment. For best results, it is recommended to apply with a brush and/or roller. If applying with a brush, apply a smooth a generous coat application on/in small surface areas, such as trim or cutting-in larger surface areas. If applying with a roller, apply an even and generous coat application in an "M" or crisscross motion, avoiding any excessive re-spraying or re-working. Always maintain a wet edges during application by brushing/rolling into previously applied coating area. If applying with an airless sprayer, it is recommended to use a unit with a minimum of 2500 psi of pressure, with a 0.021 - 0.030 fluid spray tip. The surface area should be back-rolled during spray application to ensure proper adhesion and an even coat application. Apply coating in such a manner as to yield a minimum 10 mils wet film thickness - (WFT), per coat application. Apply when surface and ambient temperatures are above 55° F. and below 90° F. Avoid paint application outside when weather conditions are threatening and late in the afternoon when there is threat of moisture condensing on wet paint. If coating becomes water-damaged due to heavy dew fall and/or rain before coating is thoroughly dry, coating must be cleaned as soon as possible with warm water. **KEEP FROM FREEZING!**

**SPECIAL NOTE:** Should The Roof Area Be Too Hot For Paint Application, It May Be Necessary To Lightly Mist The Surface Area With Cool Water, To Effectively Prevent The Applied Coating From Drying Excessively Fast. This May Be Applied A Slightly Damp Surface, However, Avoid Over-Wetting The Surface Area Before Paint Application.

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## **PRECAUTIONS**

**CAUTION: KEEP OUT OF REACH OF CHILDREN!** 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, **Seek Immediate Medical Attention!** If affected by inhalation, move immediately to fresh air. If swallowed, **Do Not Induce Vomiting, Seek Immediate Medical Attention!**

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## **MIXING INSTRUCTIONS & PACKAGING**

Stir thoroughly and apply as it comes from the container. **No Thinning Is Necessary!** However, if thinning is required, you may add **Clean Water** up to ½ pint per gallon.

\* **Pint Cans:** N/A

\* **Quart Cans:** N/A

\* **Gallon Cans:** N/A

\* **Two Gallon Cans:** N/A

\* **Five Gallon Cans:** Each

\* **Weight Per Gallon:** 11.67 lbs.

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