



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 280

ROOF MASTIC ELASTOMERIC COATING

PRODUCT DESCRIPTION

Richard's Roof Mastic Elastomeric Coating is a high-build, 100% acrylic emulsion, mastic waterproof roof coating designed for application primarily to asphalt and urethane foam roofs. It provides superior protection from the sun's ultra violet rays by reflecting approximately 90% of those rays and its superior elasticity provides unequalled protection and durability. It resists water penetration and is mildew, algae and fungus resistant, and bridges existing hairline cracks on the substrate during application, as well as those that form after application. Its mastic properties and characteristics allow for use as a patching material for repairs of some cracks and seams on the substrate, and its product versatility allows for application to sloped, flat and ponding water roofs. **Mildew Resistant** - This paint contains agents which inhibit the growth of mildew on the surface of this paint film. **FOR EXTERIOR USE ONLY!**

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

**ASPHALT SHINGLE ROOFS * CEMENT TILE ROOFS * TAR & GRAVEL ROOFS * POLYURETHANE FOAM ROOFS
METAL DECKING * MODIFIED BITUMEN ROOFS * SLOPED, FLAT & PONDING WATER ROOFS**

PRODUCT FEATURES

**Product Versatility * Bridges Hairline Cracking * Waterproofs * Fade & Mildew Resistant
Low Temperature Flexibility * ENVIRONMENTALLY SAFE!**

PRODUCT SPECIFICATION DATA

* COLORS:	White
* FINISH:	Smooth Flat
* FLASH POINT:	214° F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed - .83 LB/GAL. - (100 GRAMS/LTR.)
* SOLIDS:	By Volume: 50.58% ± 2% By Weight: 65.49% ± 2%
* RECOMMENDED MIL FILM:	Wet: 16.0 mils - (Estimated at 100 Square Feet Per Gallon). Dry: 8.1 mils - (Estimated at 100 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 50 - 125 square feet per gallon, depending on the type of application and the porosity of the surface area to be painted.
* CLEAN UP:	Water
* THINNING:	Clean Water
* ESTIMATED DRY TIME:	Dries to touch in approximately 2 to 4 hours. Re-coat after 4 hours or overnight dry, depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 43.57%

VEHICLE: 56.43%

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. Pressure wash the surface area with a minimum 1500 to 2500 psi pressure washer to effectively remove any dirt, grease, oils, waxes, mildew, loose scale, chalked, or peeling paint and any other surface contaminants. Any remaining chalky surface areas should be sealed with **Richard's #56, W/B Epoxy Ester Surface Conditioner**. Allow approximately 4 to 6 hours to dry thoroughly. Repair/replace all surface imperfections and cracks with **Richard's Seal-Flex Series Elastomeric Patching Compounds**. Spot prime all repaired and/or patched areas with **#56**, allow to dry, then apply a prime coat application of this product, **#280** around the repaired and/or patched area to create a smooth and aesthetic appearance. Allow to dry thoroughly before application of finish coat.

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

PRODUCT APPLICATION

Richard's Roof Mastic Elastomeric Coating is easily applied with a quality brush, roller, or airless spray equipment. For best results, it is recommended to apply at a wet mil film thickness of no less than 10 mils (**WFT**). If applying with a brush, use on/in small surface areas such as cutting larger surface areas. When applying by roller, apply a smooth and generous coat application in an "M" or crisscross motion, avoiding any excessive respreading or reworking and maintain a wet edge. 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 (2) finish coats. The first coat should be allowed to dry overnight before application of the second coat. Avoid painting outside in threatening weather and in the late 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.

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:** 12.21 lbs.

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