



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 153

ROOF SHIELD ACRYLIC LATEX ROOF PAINT

PRODUCT DESCRIPTION

Richard's Roof Shield Acrylic Latex Roof Paint is a premium quality vinyl acrylic roof coating specially designed for application to a variety of roofs. Its brilliant white finish contributes significantly reflecting the sun's ultra-violet ray, reducing inside temperatures, thus lowering cooling costs in the summer. Easy to apply its special formulation provides excellent coverage, and a smooth flat finish that offers superior durability, weather resistance, fade resistance, and is mildew and algae 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!

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

GRAVEL ROOFS * ASPHALT ROOFS * SLATE ROOFS * BARREL CEMENT TILE ROOFS

PRODUCT FEATURES

**PRODUCT VERSATILITY * LOW VOC * WEATHER RESISTANT * MILDEW RESISTANT * ALGAE RESISTANT
SUPERIOR DURABILITY * REDUCES SUMMER COOLING COSTS * EASY TO APPLY**

PRODUCT SPECIFICATION DATA

* COLORS:	Brilliant White
* FINISH:	Flat
* FLASH POINT:	232° F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed - .74 LB/GAL. - (88.50 GRAMS/LTR.)
* SOLIDS:	By Volume: 29.71% ± 2% By Weight: 48.18% ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.6 mils - (Estimated at 350 Square Feet Per Gallon). Dry: 1.4 mils - (Estimated at 350 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 300 - 400 square feet per gallon, depending on the type of application and the porosity of the surface to be painted.
* CLEAN UP:	Warm Soapy Water
* THINNING:	Clean Water
* ESTIMATED DRY TIME:	Dries to the touch in approximately 2 - 4 hours, for recoat in 8 - 12 hours, or after overnight dry, depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 39.19%

VEHICLE: 60.81%

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. Remove any loose scale, chalked, cracked or peeling paint from previously painted surfaces by hand scraping, sanding wire brushing and/or power tool cleaning, such as pressure washing or sandblasting. Repair/replace any damaged and/or delaminated surface areas. Previously painted surfaces may need to be primed, depending on the overall condition of the existing coating.

Cement, Slate & Masonry Tile Roof: Richard's #1791-C 100% Acrylic Masonry Surface Conditioner, or #56 Series, Signature Series Waterborne Masonry Bonding Liquid. **Gravel & Asphalt Shingle Roof:** Richard's #56 Series, Signature Series Waterborne Masonry Bonding Liquid.

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 Shield Acrylic Roof Paint may be easily applied with a quality brush, roller, or airless spray equipment. For best results, it is recommended to apply by brush and/or roller. If applying by brush, apply a smooth and generous coat application on/in small surface areas, such as trimming-out or cutting-in larger surface areas. If applying by roller, apply an even and generous coat application in an "M" or crisscross motion, avoiding any excessive re-spreading or re-working. Always maintain a wet edge during application by brushing/rolling into previously applied coating. If applying by airless spray equipment, it is recommended to use a unit with a minimum of 2000 psi of pressure, with a 0.015 - 0.019 fluid spray tip. The surface should be back-rolled during spray application to insure proper adhesion and an even coat application. Avoid paint application outside when weather conditions are threatening and late in the afternoon when there is a threat of moisture condensing on wet paint. If coating becomes water-damaged due to heavy dew fall or rain before coating is thoroughly dry, the coating must be cleaned as soon as possible with hot water. Apply when surface and ambient temperatures are above 55° F. and below 90° F. **KEEP FROM FREEZING!**

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

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!**

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:** 4 Per Case

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

* **Five Gallon Cans:** Each

* **Weight Per Gallon:** 12.82 lbs.

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