



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 850

ROOF SHIELD
CLEAR 100% ACRYLIC COATING

PRODUCT DESCRIPTION

Richard's Roof Shield Clear 100% Acrylic Coating is designed to keep your roof looking clean and new by protecting it from harmful UV rays that can cause color fading and sealing it to minimize water absorption. This 100% Acrylic formula will decrease dirt pick-up and therefore the development of fungus, mold and mildew. Just one coat will retard efflorescence, enhance the substrates natural appearance and provide excellent gloss retention. **ENVIRONMENTALLY SAFE! FOR INTERIOR & EXTERIOR USE!**

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

**UNSEALED BARREL & FLAT TILE ROOFS * ASPHALT SHINGLES
WOOD SHINGLES * CEDAR SHAKES**

PRODUCT FEATURES

**PROTECTS AGAINST ULTRAVIOLET FADING, MILDEW FORMATION, SURFACE DEGRADATION
100% ACRYLIC * ENVIRONMENTALLY SAFE!**

PRODUCT SPECIFICATION DATA

* COLORS:	Clear
* FINISH:	Satin
* FLASH POINT:	232° F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed - 1.67 LB/GAL. - (200 GRAMS/LTR.)
* SOLIDS:	By Volume: 28.00% ± 2% By Weight: 27.37% ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.0 mils - (Estimated at 400 Square Feet Per Gallon). Dry: 1.1 mils - (Estimated at 400 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 75 to 400 square feet per gallon, depending on the type of application and the porosity of the surface.
* CLEAN UP:	Warm Soapy Water
* THINNING:	Do Not Thin!
* ESTIMATED DRY TIME:	Dries to the touch in approximately 30 minutes to 1 hour, re-coat in 3 - 5 hours, or after overnight dry, depending on conditions. Full cure in 48 hours.

PRODUCT ANALYSIS DATA

PIGMENT: 0.00%

VEHICLE: 100.00%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON FORMAL REQUEST.

SURFACE PREPARATION

GENERAL: The entire surface areas to be painted should be clean, dry, sound and free from all dirt, grease, oils, waxes, curing agents, chalk and efflorescence, and any other surface contaminants that may cause paint failure. All new cementitious surfaces should be allowed at least 60 days to properly dry/cure before application. If this product is to be applied over an existing coating, it is recommended to apply a test sample to ensure product compatibility. Repair all damaged, deteriorated surfaces, holes, cracks, and surface imperfections with the proper cementitious patching compound and allow to dry thoroughly.

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 100% Acrylic Coating may be easily applied with a quality brush, roller, or airless equipment. Stir thoroughly before application and apply generously with a quality brush, roller or airless sprayer. For best results, apply 2 thin finish coats covering approximately 300-400 square feet per gallon on smooth surfaces, less on more porous surfaces. Always maintain a wet edge and avoid excessive re-spreading or reworking. Apply when surface and air temperatures are above 55°F. When applying 2 finish coats, allow 3-4 hours, or overnight to dry thoroughly. Material should reach full cure in approximately 48 hours. Clean up any minor spills or spatters with warm soapy water, as well as all painting tools. 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.

Apply when surface and ambient temperatures are above 55° F and below 90° F. **Keep From Freezing!**

Note: This Product Is Not Recommended To Be Used On Clay Tiles!

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 warm soapy water. In case of 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 can. **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: 8.85 lbs.

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