



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 1250 Series

RUST SHIELD II 100% ACRYLIC INDUSTRIAL SEMI-GLOSS ENAMEL

PRODUCT DESCRIPTION

Richard's Rust Shield II 100% Acrylic Industrial Semi-Gloss Enamel is a quality industrial grade 100% acrylic enamel formulated for direct-to-metal applications and other surfaces requiring a tough protective film. Formulated using state-of-the-art hybrid acrylic polymer resins, it provides a superior corrosion protection, chemical and solvent resistance, similar to that of alkyd based industrial coatings. Easy to apply, it provides excellent flow and leveling characteristics, as well as a hard tile-like semi-gloss finish that has excellent durability. It resists moisture, flash rusting, salt spray and alkali, and is also mildew, stain, and chip resistant. This coating may be used on many different surfaces, interior and exterior, such as metal, wood, plaster, concrete, and many plastics.

Mildew Resistant - This paint contains agents which inhibit the growth of mildew on the surface of this paint film.

FOR INTERIOR & EXTERIOR USE!

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

ALUMINUM * GALVANIZED METAL * FERROUS METAL * CONCRETE * DRYWALL
METAL SIDING * WOOD * PIPING * EQUIPMENT * STORAGE TANKS * DOORS

PRODUCT FEATURES

EXCELLENT DURABILITY * 100% ACRYLIC FORMULA * CORROSION RESISTANT
RUST INHIBITIVE * ALKALI RESISTANT * MILDEW RESISTANT

PRODUCT SPECIFICATION DATA

* COLORS:	White, Tint Bases & Assorted Stock Colors - (Tint With 888 Universal Colorant).
* FINISH:	Semi-Gloss
* 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: 37.49% ± 2% By Weight: 49.15% ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.6 mils - (Estimated at 350 Square Feet Per Gallon). Dry: 1.7 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 area.
* CLEAN UP:	Warm Soapy Water
* THINNING:	Clean Water
* ESTIMATED DRY TIME:	Dries to the touch in approximately 45 minutes to 1 hour, for recoat in 4 - 6 hours, or after overnight dry, is fully cured in approximately 24 - 48 hours, depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 24.37%

VEHICLE: 75.63%

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. Surface areas affected by mildew should be washed with a commercial mildew removal product carefully following manufacturer's application and safety directions. Remove any loose scale, chalked, cracked and peeling paint from previously painted surfaces, as well as any mil scale, loose rust, white rust and rust deposits from bare metal surfaces by hand scraping, sanding, wire brushing and/or power tool cleaning. Repair/replace any damaged and/or delaminated surface areas.

PRIMERS: The following Richard's products represent a partial list of recommended primers for this finish coating.

Ferrous or Non-Ferrous Metal:

- #1015 red oxide or #1018 white alkyd primers
- #1120 white universal primer
- #2215 gray or #2220 white epoxy primers

Galvanized or Zinc Coated Metal:

- #1215 gray or #1220 white acrylic primers
- #1120 white universal primer
- #2215 gray or #2220 white epoxy primers

Wood & Drywall

- #7-22, #7-33, 7-44 PPS Primers
- Concrete & Block**
- #151 Latex Block Filler

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 Rust Shield II 100% Acrylic Industrial Semi-Gloss Enamel may be easily applied with a quality brush, roller, or airless spray equipment. If applying by airless spray, use a 0.015 - 0.017 orifice spray tip. For best results, it is recommended to apply two (2) finish coat applications. Apply when surface and ambient temperatures are above 55° F. and below 90° F. Avoid paint application outside when weather conditions are threatening, or late in the afternoon when there is a threat of moisture condensing on wet paint.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry, empty containers may be recycled in a can recycling program. Follow local disposal requirements to dispose or recycle unused product.

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 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:** 6 Per Case

* **Gallon Cans:** 4 Per Case

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

* **Five Gallon Cans:** Each

* **Weight Per Gallon:** 10.46 lbs.

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