



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 1220

RUST SHIELD II 100% ACRYLIC
DTM PRIMER WHITE

PRODUCT DESCRIPTION

Richard's Rust Shield II 100% Acrylic DTM Primer White is a specially formulated 100% acrylic metal primer designed for use on properly prepared interior or exterior metal surfaces in light to moderate industrial, maintenance or new construction climates. Formulated from hybrid acrylic resins, it resists corrosion, and flash rusting. It is easy to apply, provides excellent coverage and adhesion, is moisture resistant, offers excellent product versatility, and provides excellent durability.

FOR INTERIOR & EXTERIOR USE!

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO PROPERLY PREPARED METAL SUBSTRATES ONLY:

GALVANIZED METAL * STORAGE TANKS * MACHINERY * METAL RAILINGS * METAL TRIM
ALUMINUM * STRUCTURAL STEEL * METAL DOORS

PRODUCT FEATURES

100% ACRYLIC FORMULA * RUST PREVENTATIVE * MOISTURE RESISTANT
ABRASION RESISTANT * EASY TO APPLY

PRODUCT SPECIFICATION DATA

* COLORS:	White
* FINISH:	Flat
* FLASH POINT:	150° F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not to Exceed 1.67 LB/GAL. - (200 GRAMS/LTR.)
* SOLIDS:	By Volume: 36.69% ± 2% By Weight: 55.06% ± 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 to be painted.
* 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 depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 34.15%

VEHICLE: 65.85%

MOR E DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON FORMAL REQUEST.

SURFACE PREPARATION

The surface to be painted must be clean, dry, and free from dirt, grease, salts, rust, mildew or other contaminants that may cause paint failure. Wash the surface with the appropriate cleaner, rinse and allow to thoroughly dry. Remove any loose or peeling paint and sand glossy surfaces dull.

Bare metal surfaces should be solvent cleaned in accordance with SSPC-SP 1 specifications pertaining to surface preparation for the solvent cleaning of steel and metal surfaces for removing all visible oil, grease, soil, drawing and cutting compounds and other soluble contaminants from the surface. Remove any loose scale, and loose rust by hand scraping, sanding, or wire brush cleaning in accordance with SSPC-SP 2 specifications pertaining to hand tool cleaning, or SSPC-SP 3 specifications pertaining to power tool cleaning of loose, non-adherent material on metal surfaces as set forth by the Steel Structures Painting Council.

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 DTM Primer may be easily applied with a quality brush, roller, or airless spray equipment. If applying by airless spray equipment, it is recommended to use a 0.017 - 0.019 fluid spray tip. During spray application, it is recommended to back-roll the surface area to effectively work primer coating into surface pores, ensure proper adhesion, and an even coat application. Allow primer coat application to dry thoroughly before application of finish coatings. 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. Apply when surface and ambient temperatures are above 55° F and below 90° F. **KEEP FROM FREEZING!**

RECOMMENDED TOP COATS: The following Richard's products represent a partial list of recommended top coats.

Interior – Richard's Paint Rich Wall, Rich Classic or Rich Air products.

Exterior – Richard's Paint Rust Shield II, Signature Series, Rich Shield

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!** 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. Dry, empty containers may be recycled in a can recycling program. Follow local disposal requirements to dispose or recycle unused product **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:** 6 Per Case

* **Gallon Cans:** 4 Per Case

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

* **Five Gallon Cans:** N/A

* **Weight Per Gallon:** 11.11 lbs.

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