



Power Rust Stop™

100% Acrylic Rust-Inhibiting Primer

Product Description

5493-White

Power Rust Stop is a rust inhibiting 100% acrylic latex metal coating for use on ferrous metal, galvanized metal and other surfaces exposed to general industrial and atmospheric conditions. Power Rust Stop has excellent aliphatic solvent and water resistance and excellent resistance to most alkalis, detergents and mild acids. This acrylic latex metal coating does not contain the flammable solvents contained in other rust inhibiting paints, and has low odor. Recommended Uses: Ideal for painting both new and previously painted roof decks, metal paneling, structural steel, corrugated metal siding, storage tank exteriors, miscellaneous iron and bar joists.

Application Information

SURFACE PREPARATION

WARNING! If you scrape, sand or remove old paint from any surface, 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. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Remove all oil, grease, dirt, loose or scaling paint, rust, mil scale and other foreign matter.

FERROUS METAL: Industrial structures, tank exteriors, structural steel, etc., should be "commercial" blast cleaned (SSPC-SP6) or power tool cleaned (SSPC-SP3) as an alternative.

GALVANIZED METAL, ALUMINUM: Surface oil should be wiped off with mineral spirits and a clean rag.

PREVIOUSLY PAINTED SURFACES: Prepare ruptured or scratched surfaces as for unfinished metal. Spot prime bare ferrous metal as conditions dictate.

APPLICATION INFORMATION

Thinning: Material is supplied at application consistency but can be thinned sparingly with water if necessary to improve application characteristics.

APPLICATION TOOLS

Power Rust Stop can be applied by roller, brush or airless spray.

TOOLS

Brush: Nylon or polyester synthetic bristle
 Roller: Synthetic fiber 3/8" or longer
 Spray Settings:
 Pressure: 2300-2800 P.S.I.
 Tips: .017 to .021 tips

DRYING TIME @ 70°F 50% R.H.

To Touch: 1 hour
 Recoat: 1 hour with Power Rust Stop, 4 hours with other water based finishes, 8 hours with other water based finishes when top coats of Power Rust Stop have been applied.
 Full Cure: 10 days

COVERAGE

Depends on thickness and porosity of the material
 Smooth Surfaces: 400-500 sq. ft./gal.
 Porous Surfaces: 100-300 sq. ft./gal.

PRECAUTIONS

Surface and air temperature must be 50°F or above during application and drying time. Do not recoat with coatings using aromatic or other strong solvents. Do not intermix with solvent base primers or finishes. Do not use Power Rust Stop when rain is imminent or when the dew point is above 60 percent. Power Rust Stop is not

Properties

Product Specifications	
Solids by Weight ± 2%:	47.3%
Solids by Volume ± 2%:	33.0%
Viscosity at 70°F:	75-80 Krebs Units
Specular Gloss:	30-40° @ 60°
Flash Point:	Non-combustible
Shelf Life:	36 Months Min. (Original Sealed Containers)
Calculated VOC:	98 grams/liter
Power Rust Stop complies with the requirements for LEED® EQ Credit 4.2, low-emitting materials: paints and coatings.	
Coverage	
Smooth Surfaces:	400-500 ft²/gal
Porous Surfaces:	100-300 ft²/gal
Drying Times (@ 70 - 77°F, 50% R.H.)	
To Touch:	1 hour
To Recoat:	4 hours
Minimum Application Temperature: 50°F (10°C)	
Available Package Sizes	
5 gallon containers	
Weight Per Gallon ± 0.5 lbs:	10.7 lbs/gal
Product Testing	
Fire Rating:	ASTM E84 Class A
Flame Spread:	5
Fuel Contribution:	0
Smoke Density:	0



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5493 - Clear

designed for tank interiors or for immersion service. Store at 40°F – 100°F in a cool dry place.

CAUTION!

KEEP OUT OF REACH OF CHILDREN.

Do not take internally. Close container after each use. Keep from freezing.

24 hour Emergency "CHEM-TEL" - 800.255.3924

For Technical Information call 800.342.3755

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of this product are beyond our control. Neither Fiberlock Technologies, Inc., nor its agents shall be responsible for the use or results of use of this product or any injury, loss or damage, direct or consequential. We recommend that the prospective user determine the suitability of this product for each specific project and for the health and safety of personnel working in the area.

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