

Power Rust Stop™

100% Acrylic Rust-Inhibiting Primer

Product Description

5493-White

Power Rust Stop is a white, rust inhibiting, 100% acrylic latex direct-to-metal (DTM) 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 alkalies, detergents and mild acids. This acrylic latex DTM coating does not contain the flammable solvents found in other rust inhibiting paints.

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

COVERAGE

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

DRYING TIME @ 70°F 50% R.H

To Touch: 1 hour
 Recoat with Power Rust Stop: 4 hours
 Recoat with other water-based coatings: 8 hours
 Full Cure: 10 days

PRECAUTIONS

Store in a dry place at temperatures between 40°F (4.5°C) and 90°F (32°C). Surface and air temperature must be 50°F or above during application and drying time. Do not re-coat 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 designed for tank interiors or for immersion service. When applying with a sprayer, wear a NIOSH approved respirator with any R, P, N or HE filter.

Properties

Product Specifications

Solids by Weight ± 2%:	47.3%
Solids by Volume ± 2%:	33.0%
Viscosity at 77°F:	75-80 Krebs Units
Specular Gloss:	30-40° @ 60°
Flash Point:	Non-combustible
Shelf Life:	36 Months Min. (Original Sealed Container)
Calculated VOC:	98 grams/liter

Coverage

Smooth Surfaces:	400-500 ft ² /gal
Porous Surfaces:	100-300 ft ² /gal

Drying Times (@ 70 - 77°F , 50% R.H.)

To Touch:	1 hour
To Recoat:	4 hours
Minimum Application Temp:	50°F (10°C)

Available Package Sizes

5 gallon containers	
Weight Per Gallon ± .5lbs:	10.7 lbs/gal

Product Testing

Fire Rating:	ASTM E84 Class A
Flame Spread:	5
Fuel Contribution:	0
Smoke Density:	0



Application Information

CAUTION!

KEEP OUT OF REACH OF CHILDREN.

Do not take internally. Close container after each use.

Keep from freezing.

Store between 40°F (4.5°C) and 90°F (32°C)

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 ICP Construction, 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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