

Application

TECHNICAL DATA SHEET

Brush, roll, spray.

PHYSICAL PROPERTIES

Salt spray resistance	300 hours as per ASTM B117, with a dry film thickness of 3 mils.
Accelerated weathering	500 hours as per ASTM E42, with various top coats.
Adhesion test	25 square cross hatch test; no loss in intercoat adhesion nor in overall adhesion to the rusty surface, after 300 hours of salt spray ASTM B117, and 500 hours of accelerated weathering ASTM E42 with top coats of solvent base epoxys, 2 component polyurethanes exterior alkyd enamels.
X-Ray diffraction	Product changes rust from active to passive stage.
Metallography test	Product fills all open areas in the corrosion product, surrounds all loose portions, and produces an unbroken protective layer.
Flexibility	No cracking when bent over ¼" mandrell through 180°F.
Reducibility	with aliphatic solvent.
Solvent emission	Meets rule 66. Maximum 270 grams per liter.
Freeze thaw resistance	Can be applied to damp surfaces at 35°F.
Coverage	300-350 Square Feet per gallon, at 3 mils dry film.
Composition	Oleo-resinous resin with chemically active ingredients.
Viscosity	86-92 KU.
Weight per gallon	10.5 lbs. minimum.
Total solids as per weight or paint	59% minimum.
Drying time *to touch	6 hours maximum.
Through dry	24 hours.
To top coat**	16-48 hours.
Solvent	Aliphatic.
Flash point	100°F +
Pigment	Does NOT contain lead, chrome, or other toxic pigments.
Corrosion deposits	After the salt spray test ASTM B117, and the accelerated weathering test ASTM E42, there can not be any evidence of corrosion.
Grind	5 minimum.
Drying time*	Drying time is at 77°F and 50% humidity.
Top Coat**	When top coating with 2 component polyurethane or epoxy, (solvent base) allow RUST DESTROYER® to dry for 48 hours prior to top coating.

FURTHER INFORMATION

For further information, please contact our technical department.

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