



RUST REFORMER

DESCRIPTION AND USES

Rust-Oleum® Professional Solutions Rust-Reformer will convert rust to a paintable flat black surface. This water-based, quick drying formula can be top coated with any of our alkyd coatings.

PRODUCT

SKU	DESCRIPTION (Gallon)
3575402	Rust Reformer

RECOMMENDED TOPCOATS

ROAlkyd DTM Alkyd Enamel 7400/V7400

COMPATIBLE TOPCOATS

Rust Reformer can be top-coated with many solvent-based finishes; however, for optimal performance with high-performance coatings, the surface preparation and primer recommendation for those coatings should be followed. For water-based finish coatings a solvent-based primer should be used first.

PRODUCT APPLICATION

SURFACE PREPARATION

ALL SURFACES: Do not use on non-rusted surfaces. Remove all dirt, grease, oil, salt, and chemical contaminants by washing the surface with Krud Kutter® PRO Cleaner Degreaser, commercial detergent, or other suitable cleaning method. Rinse thoroughly and immediately with fresh water and allow to fully dry. Scrape and wire brush to remove loose rust, scale, and deteriorated coatings.

APPLICATION

Apply only when air and surface temperatures are between 50-90°F (10-32°C) and surface temperature is at least 5°F above the dew point. Shake well before using. Pour a small amount of Rust Reformer into a separate non-metallic container. Brush material evenly across the surface to be coated. Rust Reformer will dry to a black film in ten minutes. Do not return any unused Rust Reformer to the original container. Doing so will contaminate the remaining material and reduce or eliminate its effectiveness.

An optional finish coat or application of a second coat of Rust Reformer can be applied after three hours. If desired, light sanding after three hours is possible before top coating. Wear gloves or protective clothing to prevent staining.

PRODUCT APPLICATION (cont.)

EQUIPMENT RECOMMENDATIONS

(Comparable equipment also suitable).

BRUSH: Use a good quality natural or synthetic bristle brush.

ROLLER: Use a good quality natural or synthetic cover.

AIR-ATOMIZED SPRAY (pressure)

Model	Air Cap	Fluid Tip	Fluid Delivery	Atomized Pressure
Binks #18	63PB	66	1-16 oz./min.	25-60 psi
DeVilbiss MBC-510704		FF	1-16 oz./min.	25-60 psi

AIR-ATOMIZED SPRAY (siphon)

Model	Air Cap	Fluid Tip	Fluid Delivery	Atomized Pressure
Binks #18	63PB	66	-----	25-60 psi
DeVilbiss MBC-51030		FF	-----.	25-60 psi

AIRLESS SPRAY

Model	Pump Ratio	Fluid Pressure	Fluid Tip	Filter Mesh
Graco Bulldog	30:1	2,100-2,800 psi	.017-.021	60
DeVilbiss Huskie II	33:1	2,100-2,800 psi	.017-.021	60

CAUTION: Protect surrounding surfaces from over spray. Over spray can be wet or dry depending on height of work, weather, environmental conditions, and application equipment. Wet over spray can adhere to unwanted surfaces. Dry over spray may be removed by wiping or washing. Always clean dry over spray from hot surfaces before fusing occurs as surface temperatures can be higher than the air temperature.

THINNING

BRUSH: Fresh water: Not normally required. Use 5-10% if needed (approx. ½ pint per gallon).

AIR-ATOMIZED SPRAY: Fresh water: Use 10-20% or as needed (approx. 1½ pints per gallon).

AIRLESS SPRAY: Fresh water: Normally not required. Use 5-10% if needed (approx. ½ pint per gallon).

CLEAN-UP

Clean brush and any spillage with soap and water before the material dries.

RUST REFORMER	TECHNICAL DATA	RPS-08
	<h1>RUST REFORMER</h1>	

PHYSICAL PROPERTIES

		RUST REFORMER
Resin Type		Acrylic Vinylidene Chloride Copolymer
Pigment Type		Barium Sulfate, Silica
Solvents		Water
Weight	Per Gallon	10.5 lbs.
	Per Liter	1.26 kg
Solids	By Weight	54%
	By Volume	43%
Volatile Organic Compounds		23 g/L (0.19 lb/gal)
Recommended Dry Film Thickness (DFT) Per Coat		0.5-1.0 mils (12.5-25 μ)
Wet Film to Achieve DFT (unthinned material)		1.0-2.5 mils (25-62.5 μ)
Theoretical Coverage at 1 mil DFT (25μ)		690 sq. ft./gal. (17.0 m ² /l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		590-1,175 sq. ft./gal. (14.5-28.9 m ² /l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Tack-free	20-40 minutes
	Handle	1 hour
	Recoat	Alkyd paint: 3 hours (may be sanded after 3 hours for a smoother finish); Lacquer/Aerosol: 3 days
Dry Heat Resistance		200°F
Shelf Life		2 years
Safety Information		WARNING! KEEP FROM FREEZING. AVOID SKIN AND EYE CONTACT. FOR INDUSTRIAL OR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. SEE THE PRODUCT MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.

Calculated values are shown and may vary slightly from the actual manufactured material.

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