RUST-OLEUM® HIGH PERFORMANCE®

4200 SYSTEM GRAY ZINC-SELE®

DESCRIPTION AND USES

A high loading of pure metallic zinc combined with a modified silicone resin provides outstanding corrosion control to steel surfaces through cathodic protection.

Designed to be used as a two-coat system for exterior exposures subject to heat in the temperature range of 300- 800°F (149-427°C), weathering and mild industrial conditions. This coating may also be used for interior surfaces. Must be applied to a clean, sand-blasted surface.

PRODUCTS

4285402 Gray Zinc-Sele®

APPEARANCE

Flat Gray

RECOMMENDED TOPCOATS

Designed to be used by itself as a two-coat system.

PACKAGING

1 gallon container

PRODUCT APPLICATION

SURFACE PREPARATION

Remove dirt, grease, oil, salt and chemical contaminants with Industrial Pure Strength® Cleaner/Degreaser, commercial detergent or other suitable cleaners. Rinse thoroughly with fresh water and allow to fully dry. Abrasive blast to a minimum Commercial Grade (SSPC-SP-6, NACE 3).

APPLICATION

Apply only when air and surface temperatures are between 32-125°F (0-52°C) and surface temperature is at least 5°F above the dew point.

PRODUCT APPLICATION (cont.)

EQUIPMENT RECOMMENDATIONS

(Comparable Equipment Also Suitable).

BRUSH: Use a good quality natural or synthetic bristle brush. (FOR TOUCH-UP ONLY)

ROLLER: Use a good quality natural or synthetic cover. (FOR TOUCH-UP ONLY)

AIR-ATOMIZED SPRAY: (pressure)

Model	Air Cap	Fluid Tip	Fluid Delivery	Atomizing Pressure
Binks #18	63PB	66	16 oz./min.	25-60 psi
DeVilbiss MBC-510	704	FF	16 oz./min.	25-60 psi

AIR-ATOMIZED SPRAY: (siphon)

Model	Air Cap	Fluid Tip	Fluid Delivery	Atomizing Pressure
Binks #18	66SF	66	—	25-60 psi
DeVilbiss MBC-510	30	FF	—	25-60 psi

AIRLESS SPRAY:

	Pump Ratio	Fluid Pressure	Fluid Tip	Filter Mesh
Graco Bulldog	30:1	2,100-2,800 psi	.019-.023	60
Binks Jupiter 8D	35:1	2,100-2,800 psi	.019-.023	60
DeVilbiss Huskie II	33:1	2,100-2,800 psi	.019-.023	60

Zinc is abrasive to pumps and guns; check with equipment supplier for specific recommendations.

THINNING

BRUSH/ROLLER: 140 Thinner: Normally not required. Use 5-10% if needed (approximately ½ pint per gallon).

AIR-ATOMIZED SPRAY: 140 Thinner: Use 10-20% or as needed (approximately 1½ pints per gallon).

AIRLESS SPRAY: 140 Thinner: Normally not required. Use 5-10% if needed (approximately ½ pint per gallon).

CLEAN-UP

140 Thinner

Form: 1056990
Rev.: 111411

RUST-OLEUM® HIGH PERFORMANCE®

TECHNICAL DATA

4200 SYSTEM GRAY ZINC-SELE®

PHYSICAL PROPERTIES

		ZINC-SELE®
Resin Type		Modified silicone
Pigment Type		Metallic zinc
Solvents		Mineral spirits
Weight	Per Gallon	24.8 lbs.
	Per Liter	—
Solids	By Weight	89%
	By Volume	60% theoretical; 65% wet to dry ratio
Zinc in the Dry Film		81%
Volatile Organic Compounds		<340 g./l. (2.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.5-3.0 mils
Wet Film to Achieve DFT		2.5-5.0 mils
Theoretical Coverage at 1 mil DFT (25µ)		964 sq. ft./gal.
Practical Coverage at Recommended DFT (assumes 15% material loss)		275-550 sq. ft./gal.
Dry Times at 70-80°F (21-27°C) and 50% rel. hum.	Tack-free	3-4 hours
	Handle	6-8 hours
	Recoat	24 hours
	Full Hard	After 24 hours drying, raise the surface temperature to a minimum of 300°F (149°C) for 1 hour.
Shelf Life		5 years (may settle sooner)
Specification and Performance Alternatives		USDA acceptable
Safety Information	Contains	No lead has been deliberately added.
	Warning!	**COMBUSTIBLE LIQUID AND VAPOR. HARMFUL IF INHALED. CONTAINS PETROLEUM DISTILLATES. MAY AFFECT BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES NOSE, THROAT, EYE AND SKIN IRRITATION. 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.

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.

RUST-OLEUM® INDUSTRIAL BRANDS

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