



Zinc Phosphate Primer - Red Oxide

General Properties

A general purpose, chromate-free red alkyd primer which can be used with or without a topcoat for interior or exterior use when subjected to mild to moderately corrosive atmospheres. This primer has excellent coverage properties combined with fast dry and early handling features. This product meets the requirements of CISC/CPMA 2-75 Quick Drying Primer for Structural Steel.

Recommended Uses

For general purpose application to ferrous metal substrates. Uses include: structural steel, steel joists, tanks, containers & industrial equipment.

Product Information

GENERIC TYPE

Alkyd Resin

PIGMENT TYPE

Titanium Dioxide, Rust Inhibitive Pigments

COLOR

Red Oxide

BASES

N/A

FINISH

Flat

AVERAGE VOLUME SOLIDS

42.7%

AVERAGE WEIGHT SOLIDS

66.2%

RECOMMENDED FILM THICKNESS

Wet: 3.5 - 6.0 mils

Dry: 1.5 - 2.5 mils

See your Cloverdale Representative for project recommendation.

THEORETICAL COVERAGE

680 ft²/gal @1 mil (25 microns) DFT

16 m²/L @ 1 mil (25 microns) DFT

Actual coverage may vary depending on substrate and application methods.

VISCOSITY

66 - 71 K.U.

TEMPERATURE RESISTANCE (DRY)

93°C (200°F) Continuous

120°C (250°F) Intermittent

V.O.C. AS APPLIED

Less than 460 g/L (3.82 lbs/gal)

THINNER

78001 Mineral Spirits, 78007 Petroleum Naphtha

Methods of Application

AIRLESS SPRAY

Speeflo Atlas 30:1 with tip sizes .015 - .021 or equivalent

H.V.L.P

Binks Model Mach 1 94 x 97 AP (pressure) or equivalent

CONVENTIONAL

Binks Model 95GUN 63CSS X 63PB (pressure) or equivalent

BRUSH / ROLLER

Brushing is limited to small areas or touch-up

Drying Time - Temperature, Relative Humidity, and Film Thickness will affect dry and re-coat times.

Substrate Temperature	Touch Dry	Hard Dry	Minimum	Overcoat Interval	
				Maximum	Normal
25°C (77°F)	20 mins	2 hours	30 min.	indefinite	4 hours

Recommended Topcoat

Solvent or Water-based Industrial or Architectural Coatings. Industrial Coatings containing strong solvents may cause lifting, consult with your Cloverdale Paint Representative.

Surface Preparation

Surfaces must be clean, dry and free of contamination such as wax, oils, grease, dirt, mill scale or rust. All welds must be cleaned and weld spatter removed. Rusty and corroded surfaces may be prepared by hand or power wire brushing, scraping or grit blasting as the severity of the rust or corrosion indicates.

Limitations

Not for immersion service or service requiring high corrosion or chemical resistance. Not compatible with some industrial topcoats. Consult your Cloverdale Paint Technical Service Representative.

Mixing Instructions

Mix well before using. Keep containers tightly sealed when not in use.

Safety Precautions

This product is for industrial use only. **Refer to Material Safety Data Sheet for proper health and safety information.**

Storage and Handling

FLASH POINT	42 C TCC
PRODUCT WEIGHT	10.93 lbs/ U.S. gal (container extra)
STORAGE	Cool, dry, secure location. See your Cloverdale Paint Representative.
PACKAGE SIZE	1 gallon cans, 5 gallon pails, and 45 gallon drums

Some package sizes or colors may be by special order only. Please check with your Cloverdale Representative when ordering.

Warranty Disclaimer

Cloverdale Paint manufactures quality products. In the event that this product is defective or in any way unsuitable for the application for which it is sold, Cloverdale Paint Inc. will replace the product free of charge. The warranty provided by this data sheet is the only warranty or guarantee of quality made in respect of this product by Cloverdale Paint Inc. By purchasing this product the customer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the customer or implied by any applicable law.

Check for recent amendments to this data sheet at www.cloverdalepaint.com

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