

Water-Reducible Shop Primer

General Properties

A general purpose, high performance shop primer featuring excellent corrosion protection and coverage in a low VOC, user-friendly product. This product is fast drying, with longer open (working) time, offers good compatibility with water-based topcoats, is low odour and non-flammable. This product meets the Environment Canada VOC regulation as a Rust Preventative Coating.

Recommended Uses

An ideal direct-to-metal anti-corrosive primer for environmental or safety conscious fabrication or maintenance shops. Water-reducible shop primer is suitable for tank exteriors, tote bins, containers, construction equipment, machinery or

Product Information

GENERIC TYPE

Water-reducible alkyd

PIGMENT TYPE

Anti-corrosive

COLOR

71331 Red Oxide, 71332 Grey

BASES

N/A

FINISH

Low Sheen

AVERAGE VOLUME SOLIDS

27%

AVERAGE WEIGHT SOLIDS

39%

RECOMMENDED FILM THICKNESS

Wet: 5.6 - 7.4

Dry: 1.5 - 2.0

See your Cloverdale Representative for project recommendation.

THEORETICAL COVERAGE

 433.1 ft²/gal @1 mil (25 microns) DFT

 10.8 m²/L @ 1 mil (25 microns) DFT

Actual coverage may vary depending on substrate and application methods.

VISCOSITY

60 - 68 K.U.

TEMPERATURE RESISTANCE (DRY)

95°C (203°F) Continuous

120°C (248°F) Intermittent

V.O.C. AS APPLIED

389 g/L (3.24 lbs/gal)

THINNER

Water

Methods of Application

AIRLESS SPRAY

Speeflo Admiral 30:1 with tip sizes .013" - .017" or equivalent

H.V.L.P

Binks Model Mach 1 950 x 905AP (pressure) or equivalent

CONVENTIONAL

Binks Model 95GUN 68SS X 68PB (pressure) or equivalent

BRUSH / ROLLER

Consult your Cloverdale Technical Service Representative

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)	90 minutes	4 hours	2 hours	-	-

Recommended Topcoat

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Surface Preparation

Surfaces must be clean, dry and free of all surface contaminants such as wax, oils, grease or dirt. A minimum SSPC SP-2 Hand Tool Cleaning is required although an SSPC Sp-3 Power Tool Clean is preferred. All existing paint must be soundly adhering and de-glossed prior to priming. Spot primed bare steel areas should be "feathered in" using 120 - 150 grit sandpaper.

Limitations

Do not apply when surface or air temperature are below 5 C or above 35 C or Relative Humidity is in excess of 90%. Ensure a high degree of cleanliness when converting equipment from regular solvent-based coatings to water-reducible.

Mixing Instructions

Mix well during use. Stir frequently during 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	N/A
PRODUCT WEIGHT	9.72 lbs/gal (container extra)
STORAGE	Store in a heated, well ventilated, secure locatin.
PACKAGE SIZE	5 gl pails, 55 gl 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.

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