

Quick Dry Shop Primer

General Properties

A general purpose shop primer with very fast dry and early handling characteristics. This primer has good surface wetting properties combined with good application properties for interior or non-corrosive exterior exposure. This primer meets the requirements of CISC/CPMA 1-73 as a Quick Drying One Coat Paint for Structural Steel

Recommended Uses

For shop application use on structural steel, industrial equipment, tanks, plate stock and iron. May be topcoated with solvent or water-based architectural coatings.

Product Information

GENERIC TYPE	Alkyd Resins
PIGMENT TYPE	Red Iron Oxide Pigments
COLOR	Red Oxide
BASES	N/A
FINISH	Flat
AVERAGE VOLUME SOLIDS	45%
AVERAGE WEIGHT SOLIDS	66%

RECOMMENDED FILM THICKNESS	Wet: 3.3 - 4 mils Dry: 1.5 - 2 mils See your Cloverdale Representative for project recommendations.
THEORETICAL COVERAGE	721.8 ft ² /gal @1 mil (25 microns) DFT 17.7 m ² /L @ 1 mil (25 microns) DFT Actual coverage may vary depending on substrate and application methods.
VISCOSITY	66 - 70 K.U.
TEMPERATURE RESISTANCE (DRY)	93°C (200°F) Continuous 120°C (250°F) Intermittent
V.O.C. AS APPLIED	Less than 468 g/L (4.08 lbs/gal)
THINNER	78007 Naphtha, 78001 Mineral Spirits

Methods of Application

AIRLESS SPRAY	Speeflo Atlas 30:1 with tip sizes .013" - .015" or equivalent
H.V.L.P.	Binks Model Mach 1 94 x 97AP (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)	5 minutes	12 hours	15 minutes	indefinite	1 hour

Recommended Topcoat

74 Series Industrial Enamel, 111 Series Maintenance and Marine Enamel or other architectural paints.

Surface Preparation

Surfaces must be clean, dry and free of contamination such as wax, oils, grease, mill scale or rust. A minimum SSPC-SP3 Power Tool Cleaning is recommended, however, an SSPC-SP6 Commercial Blast Cleaning will provide improved product performance. Avoid painting when ambient temperatures are within 3 C. of the Dew Point. NOTE: If a sandblast is used, the recommended film thickness should be measured above the profile of the blast. Depending on the depth of the profile, more than one coat of primer may be required to achieve the required D.F.T

Limitations

Do not topcoat with paints containing strong solvents (ie. Xylene, Toluene, MEK). Recommended mildly corrosive environments only.

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	-7°C (19°F) TCC
PRODUCT WEIGHT	11.42 lbs/gal (container extra)
STORAGE	Cool, dry, secure location. See your Cloverdale Paint Representative.
PACKAGE SIZE	5 gallon pail, 55 gallon drum

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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