

Water-Based Alkyd Shop Primer

General Properties

A water-based anti-corrosive primer for application to properly prepared ferrous metals. This product has good corrosion resistance, excellent holdout, re-coat tolerance and adhesion to a wide range of substrates. It dries very quickly, is non-flammable, and contains very low Volatile Organic Compound levels. This primer is classified as non-WHMIS controlled and meets the requirements of CISC/CPMA 1-73a and 2-75.

Recommended Uses

A general purpose direct-to-metal primer for industrial, commercial and/or institutional applications. Ideal for fabrication shops and machine shops where a fast drying easy to use primer meeting all existing emission standards is required. Ideal for use on LEED certified construction sites.

Product Information

GENERIC TYPE	Water-borne Alkyd
PIGMENT TYPE	Lead-free Corrosion Inhibiting Pigments
COLOR	Red
BASES	NA
FINISH	Low sheen eggshell
AVERAGE VOLUME SOLIDS	45%
AVERAGE WEIGHT SOLIDS	61%

RECOMMENDED FILM THICKNESS	Wet: 4.0 - 5.0 mils. Dry: 2.0 - 2.5 mils See your Cloverdale Representative for project recommendation.
THEORETICAL COVERAGE	833 ft ² /gal @1 mil (25 microns) DFT 20.5 m ² /L @ 1 mil (25 microns) DFT Actual coverage may vary depending on substrate and application methods.
VISCOSITY	62 - 67 KU
TEMPERATURE RESISTANCE (DRY)	90°C (194°F) Continuous 100°C (212°F) Intermittent
V.O.C. AS APPLIED	Less than 25 g/L (0.20 lbs./gal)
THINNER	Water

Methods of Application

AIRLESS SPRAY	Speeflow 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	Dry to Handle	Minimum	Overcoat Interval		Normal
				Maximum		
25°C (77°F)	30 minutes	1 hour	N/A	N/A		1 hour

Recommended Topcoat

Steel: Solvent or Water-based single component paints such as EcoLogic High Performance Acrylics

Surface Preparation

Surfaces must be clean, dry and free of oil, grease, waxes or other surface contamination. A minimum SSPC-SP3 Power tool cleaning is recommended for bare steel, however, an SSPC-SP6 Commercial Blast Cleaning will provide improved product performance provided that sufficient film thickness is applied to cover the profile.

Limitations

For mild to moderate atmospheric exposure. Not recommended for severe chemical exposure or immersion. Observe recommended film builds. Do not apply when ambient or substrate temperature is below 10°C (50°F) or if the Relative Humidity exceeds 85%. Also do not apply at temperatures less than 3°C. (5° F) above the Dew Point. Keep product from freezing.

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	N/A
PRODUCT WEIGHT	11.70 lbs./gal (container extra)
STORAGE	Keep from freezing.
PACKAGE SIZE	1 gallon, 5-gallon pail

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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