

Q.D. Shop Primer

Industrial Shop Primer

General Properties

A cost effective, quick drying shop primer for application to structural steel for interior exposure. This product features high hiding, ease of application and is compatible with a range of architectural topcoats.

Recommended Uses

For shop application on interior structural steel, metal trusses, joists or other ferrous metal surfaces exposed to mildly corrosive environments.

Product Information

GENERIC TYPE
Alkyd Resins

PIGMENT TYPE
Iron Oxide Pigments

COLOR
71330 Red Oxide, 71333 Grey, 71335 Black

BASES
N/A

FINISH
Flat

AVERAGE VOLUME SOLIDS
47%

AVERAGE WEIGHT SOLIDS
67%

RECOMMENDED FILM THICKNESS
Wet: 4.3 - 6.4 mils
Dry: 2 - 3 mils
See your Cloverdale Representative for project recommendations.

THEORETICAL COVERAGE
753.8 ft²/gal @1 mil (25 microns) DFT
18.5 m²/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 460 g/L (3.83 lbs/gal)

THINNER
78011 Xylene

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)	15 minutes	6 hours	1 hour	indefinite	3 hours

Recommended Topcoat

Most solvent or water-borne Architectural paints. See Limitations.

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.

Limitations

Not recommended for immersion chemicals or corrosive environments. Some topcoats containing strong solvents may "lift" the primer. Always do a test patch before proceeding. Not recommended for wood or concrete.

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

17°C (63°F) actual TCC

PRODUCT WEIGHT

11.7 lbs/gal (container extra)

STORAGE

Cool, dry, secure location. See your Cloverdale Paint Representative.

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.

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