

Red Oxide Primer

Features

- An excellent corrosion resistant primer. It possesses excellent exterior durability and adhesion over most metal, wood, and concrete surfaces.
- Excellent shop applied primer for fabricated steel and structural steel.
- Shop applied only. Not for Architectural coating use.

Typical Uses

Excellent exterior durability and adhesion over most metal, wood, and concrete surfaces.

Physical Data

Pencil Hardness (ambient cure)	Soft to 4B	Theoretical volume solids of mixed material	45%±2%
Adhesion (ASTM D 4541)	300 psi	Theoretical coverage of mixed gallon (1 mil)	722 sq. ft.
Temperature resistance (non-immersion)		Volatile Organic Content	
Continuous	250°F	Unthinned ready to apply	2.8 lbs./gal.
Non-continuous	300°F	Theoretical weight solids	60%±2%

Resistance

CC-99 is designed for exposures to mild chemical fumes under typical atmospheric conditions.

<u>Exposure</u>	<u>Immersion</u>	<u>Splash & Spillage</u>	<u>Fumes</u>
Acidic	Not recommended	Poor	Fair
Alkaline	Not recommended	Poor	Fair
Solvents	Not recommended	fair	Good
Salt water	Not recommended	Good	Excellent
Water	Not recommended	Good	Excellent

Film Thickness (per coat)

Dry film thickness: 1.5-2.5 mils
Wet film thickness: 3 – 5 mils
Theoretical coverage: 722 sq. ft. @ 1 mils DFT

Primer/Substrates

CC-99 Fast Dry may be applied directly to properly prepared steel substrates and weathered galvanized steel

Colors

Red Oxide.

Shipping Data

Packaging unit	<u>1 gal.</u>	<u>5 gal.</u>	Flash Point: (Setaflash)
			CC-99 45°F
Shipping weight (approx.)			Shelf Life: 3 years when stored inside at 40°F to 110°F.
Package unit	12 lbs.	60 lbs.	DOT Classification Paint Flammable liquid UN1263 PG II

Surface Preparation

CC-99 Fast Dry is designed to be used over surfaces that have been prepared in accordance with SSPC-SP2 Hand Tool Clean specification. In many cases High Pressured Water Blast will suffice.

Mixing

Mix CC-99 Fast Dry well prior to application.

Thinning

Thinning is not required for most applications; however CC-99 Fast Dry may be thinned up to 1 pint/gal. Mineral Spirits is recommended for applications. For VOC control thin only with thinner #4.

CC-99 Primer Product Data Sheet

Applications Conditions

	<u>Material</u>	<u>Surface</u>	<u>Ambient</u>
Minimum	40°F	40°F	40°
Maximum	1200°F	120°F	120°F

Special thinning and application procedures are required outside these temperatures. Surface temperatures should be 5°F above dew point to prevent condensation.

Application Equipment

Conventional Spray: Industrial sprayers such as DeVilbiss MBC or JGA and Binks 18 or 62 having double regulated pressure pot, 3/8" I.D. minimum material hose and a .070" I.D. fluid tip and air cap are recommended.

Airless Spray: Sprayer such as Graco's Bulldog with a 30:1 ratio and a .017" to .021" tip is recommended. A 30 mesh inline filter is recommended.

Brush or Roller: Use medium brush and short nap roller with solvent resistant fibers and core.

Drying Time

The following minimum times are based on 1.5 mils DFT and adequate air ventilation. Higher thickness and reduced air circulation increase drying times.

<u>Surface Temperature</u>	<u>To Touch</u>	<u>To Handle</u>	<u>To Recoat</u>
60°F	3-5 min.	30 min.	overnight

Maximum Recoat

CC-99 Fast Dry can be recoated with itself at any time by simply removing dirt and contamination of the existing coat.

Cleanup

Cleanup spill spatters and equipment using mineral spirits. Lacquer thinner or Thinner #4 for VOC control.

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CAUTION: Read and follow all caution statements on this product data sheet and on the Material Safety Data Sheet for this product.

CONTAINS FLAMMABLE SOLVENTS. Vapors are heavier than air and will accumulate. Extinguish all flames and prevent all sparks. All electrical equipment and installations should be made and grounded in accordance with the National Electrical Code. Where explosion hazards exist workers are required to use non-sparking tools and wear non-sparking shoes.

HEALTH: In confined spaces workers must wear fresh airline respirators.

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