

CLEARCO SILVER ZINC PRIMER



General Information



Clearco Silver Zinc Primer is an organic zinc rich primer for steel and ferrous metals that **combines the resistance properties of epoxy and the galvanic protection of zinc.** This is a pure zinc epoxy base one package primer. **This high performance epoxy compound fuses zinc to the metal substrate and protects against corrosion equal to Hot Dip Galvanizing.** Clearco Silver Zinc Rich Primer is self-healing, and **prevents creepage even when the surface is penetrated or scratched.** After curing, it may be coated with conventional primers and finishes such as epoxy, coal tar epoxy, vinyl phenolics, urethanes, acrylics & chlorinated rubber

FEATURES

- **70% Organic Zinc in Dry Film**
- Long Term Corrosion Protection
- Meets Mil Specifications
- USDA Approved

SURFACES INCLUDE

- | | |
|-------------------------------|---------------------------------|
| • Structural Steel | • Fences |
| • Wrought Iron | • Gutters |
| • Welds | • Food Plants |
| • Bridges | • Power Plants |
| • Towers | • Refineries |
| • Damaged Galvanized surfaces | • Interior of Automotive Panels |



Silver Zinc Primer 70 provides a "bright" appearance closely matching Hot Dip Galvanize

SPECIFICATIONS

Appearance	Aluminum Finish
Coverage	427 Sq. Feet/Gallon at 1 mil dry at 90% recovery
Dry Film Thickness	2.0 to 3.0 mils
Zinc Content	70% in Dry Film
Drying Time	To Handle - 30 to 40 Minutes at 70 degrees F To Topcoat - 2 to 3 Hours at 70 degrees F
Temperature Resistance	250F – Sustained 300F – Intermittent
Weldable	Yes
Mil Specifications & Certifications	P-26915A - Type 1 Class A Primer for Steel (USAF) DOD-21035A - Zinc Rich Galvanize Repair P-46105 - Weld through Zinc Rich Primer Salt Fog - Pass 500 Hours ASTM B117 Humidity - Pass 1000 Hours ASTM D2247

For More Information or To Request a Free Sample, Contact:

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SURFACE PREPARATION

New Steel: Surface must be dry and free of contamination. Remove all weld splatter and grind all rough welds and sharp edges to a smooth contour. For severe exposure (immersion, chemical etc) near-white blast clean per SSPC SP 10-63T. For other exposures, blast clean per SSPC SP 6-63 to a maximum profile of 1.5 mils.

Previously Painted Surfaces: Must be free of oil, grease or other contamination. For best results, spot blast exposed areas to be primed. Power tool brushings may be used for minor touch-up. Power tool brushings may be used for minor touch-up.

PROPERTIES	
Weight/Gallon	11.9 lbs.
Solids by Weight	55.19 – 57.19
Solids by Volume	29.95 – 26.95
VOC (Volatile Organic Content) LB/Gallon	5.219
Flash Point	45F T.C.C.
Shelf Life	6 Months
Non-Sag	14 - 30 mils wet minimum
APPLICATIONS	
Reduction	50% for Atomized Spray
Apply By	Spray/Brush
Recommended Film Thickness	2.0 to 3.0 mils
Cure Time	30 to 40 Minutes: Air Dry

SPRAYING

Surface shall be dry, 5°F above dew point with air temperatures greater than 50°F. Must be free of rust bloom.

For air-atomized spray, fluid tips of .070” and air caps delivering 9-10 CRM at 30 PSI are acceptable. A 3/8” to 1/2” material hose is recommended. If thinning is required, add 1 to 4% Xylol, Xylene or Mineral Spirits to reach desired consistency.

Material should be kept under constant slow speed agitation during process.

Double lap all welds, seams, corners & edges to ensure film thickness. Make even-parallel passes with 50% overlap to provide uniformity.

FIRST AID

If swallowed, **DO NOT** induce vomiting. Contact physician immediately. In case of eye contact, flush immediately with clear water for a minimum of 15 minutes and seek medical attention. For skin contact, wash with soap and water. If overcome by vapors, remove to fresh air.

BRUSHING

Zinc Rich Primer has high viscosity and good anti-sag properties that are suitable for brushing. If container is exposed to open air for extended time, add small amounts of Xylol, Xylene or Mineral Spirits to thin to proper viscosity

CONTAINS

Zinc Dust (CAS #7440-66-6), Xylol (CAS #1330-20-7), Ethyl Benzene (100-41-4), and VMP Naphtha-66 (CAS #64742-89-8)

CAUTION

Keep away from Heat, Sparks, Open flames, Electrical equipment etc. **DO NOT MIX WITH WATER OR USE WATER FOR FIRE.** (See MSDS Sheet)

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