



PRODUCT DATA

P-300

LOW V.O.C. EPOXY
ZINC RICH PRIMER

Description: A three component polyamide cured epoxy zinc rich primer with 88% metallic zinc in the dried film (by weight). May be topcoated with selected acrylic, epoxy, vinyl and urethane topcoats at shorter intervals than inorganic zincs. This product is completely chrome and lead free.

Typical Uses: Use as a cathodic metal primer over sandblasted ferrous metal surfaces or as a field maintenance primer. May be used to repair itself or inorganic zinc primers

Dry Temperature Limits: 350°F - 177°C

Surface Preparation: Prepare ferrous metals to a minimum SSPC-SP-6 "Commercial Sandblast" (pitted steel SSPC-SP-10) and prime with this material before rusting occurs.

Application Equipment: Use agitated containers. Conventional Spray: Binks Model 18 Gun with 67 Fluid Nozzle, 67PB Air Nozzle, and 67 Needle. Airless Spray: Use a minimum 30:1 ratio airless pump with Teflon packings, a 60 mesh filter and .017" to .019" (432-483 microns) orifice tip on gun. For supply lines longer than 50 feet use ½" I.D. airless supply lines.

Application Conditions:

- Noncontaminated surface, free of all oil, grease, mildew, other contamination
- Dry, dust-free metal surface
- Metal temperature above 60 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 50 deg.F
- Humidity less than 90%
- Material temperature between 60 and 90 deg.F

Primer: n/a

Thinner: Use T-152 Epoxy Reducer for spraying and T-154 Epoxy Reducer for brushing.

Clean Up Solvent: mek

Safe Application Conditions: Consult MSDS for proper handling, cleanup, disposal, and use of personal protective equipment. Circulate sufficient air to maintain working environment below the PEL and LEL. Apply according to local, state, and federal (OSHA) regulations.

Finish: Flat

Color: Green/Gray

Volume Solids: 62.6% ± 2%

VOC: EPA Test Method 24 - 2.62 or 310 Grams/Liter

Flash Point: 52°F deg F - 11 deg C (Setaflash-closed cup)

Dry Film Thickness: 3 mils (76 microns) D.F.T.,

Wet Film Thickness: 5 mils (127 microns) wft

Theoretical Coverage: Gallon @1 mil (25 microns) D.F.T.

Shelf Life Time: 12 months

Dry Time: 70 deg F/21 deg C: To touch- 30 Minutes To recoat- 2 to 10 Hours

Mixing: Mixing of complete units is strongly recommended. Power mix the M-159 Activator and the P-300 Base separately, then combine. After mixing Activator and Base gradually sift in the M-180 Zinc Dust Portion under constant agitation. Never dump the M-180 Zinc Dust Portion into the activator as it will lump up and be unusable. Do not thin until all components have been mixed together thoroughly

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