



M819 Epoxy zinc phosphate anti-rust primer

Features: Composed of epoxy resin, zinc phosphate, iron oxide red, auxiliary anti-rust pigments, fillers, amine curing agent, and organic solvents. The coating film has good adhesion, strong film thickness, waterproof, salt spray resistance, low cost, good compatibility, and excellent anti-corrosion performance.

Application: Suitable for anti-corrosion and anti-rust primers for steel structure gas pipelines, sewage pipelines, transportation pipelines, municipal engineering, machinery, water valves, refrigeration engineering, and containers.

Basic Parameters:

- Color: Iron red, gray
- Coating Film: Matte
- Volume Solids Content: 63%
- Density: 1.45g/mL (after mixing)
- Wet Film Thickness: 111 μ m
- Dry Film Thickness: 70 μ m
- Theoretical Coverage: 9.0m²/L, 6.2m²/kg (based on dry film thickness of 70 μ m)
- Actual Coverage: 4.8m²/L, 3.3m²/kg
- Flash Point: 32°C
- Mixing Ratio: Part A: Part B = 25:3
- Surface Dry: 60 minutes
- Fully Dry: 24 hours

Application

Methods: • High-pressure airless spray, roller coating, brush coating

Pot Life: • 4 hours (25°C)

Thinner: • Epoxy Thinner X-7

Recoating Interval:

- 24 hours

Subsequent Compatible

Paints:

- Epoxy enamel, acrylic polyurethane finish, acrylic paint, chlorinated rubber paint

Surface Preparation:

- Steel should be free of oil and scale, and sandblasted to Sa2.5 grade
- For surfaces without oxidation, use flexible grinding wheels to polish to St3 grade;

Packaging:

- Part A: 25kg/can
- Part B: 3kg/can

Disclaimer:

The information and technical parameters provided in this specification are based on our laboratory results and practical experience. However, since the use of the paint is often beyond our control, the user must determine the suitability and correctness of the product for a particular application. Our company reserves the right to continuously improve and refine the product