

## JDH819 Epoxy Zinc Phosphate Primer

**Characteristics:** 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.

**Usage:** 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: 111µm
- Dry Film Thickness: 70µm
- Theoretical Coverage: 9.0 m<sup>2</sup>/L, 6.2 m<sup>2</sup>/kg (based on dry film thickness of 70µm)
- Actual Coverage: 4.8 m<sup>2</sup>/L, 3.3 m<sup>2</sup>/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

### Recoat Interval:

- 24 hours

### Topcoat Compatible Types:

- 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 Specifications:

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



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