



M818 low surface treatment epoxy primer

Features: It is a two-component coating made of epoxy resin, high-efficiency anti-rust pigment, filler, anti-settling agent, glue curing agent, and organic solvent. It is a high-solid thick film primer with excellent adhesion, good anti-rust performance, oil resistance, and solvent resistance.

Application: It is especially suitable for primers in difficult-to-remove rust areas, suitable for the first anti-rust primer for yellow rust after high-pressure water treatment, and can also be used for rust prevention of offshore facilities, shore equipment, bridges, and other steel structures.

Basic Parameters:

- Color: Gray, Iron Red
- Finish: Matte
- Volume Solids Content: 62%
- Density: 1.52g/ml (after mixing)
- Mixing Ratio: Part A: Part B = 25:3
- Wet Film Thickness: 81 μm
- Dry Film Thickness: 50 μm
- Theoretical Coverage: 12.4m²/L, 8.2m²/kg (at a dry film thickness of 50 μm)
- Practical Coverage: 6.6m²/L, 4.4m²/kg
- Flash Point: 23°C
- Surface Dry Time: 60 minutes
- Hard Dry Time: 24 hours

Application Methods:

Airless spraying, rolling, brushing

Pot Life: 4 hours (25°C)

Thinner: Epoxy Thinner X-7

Recoating Interval: 24 hours

**Subsequent
Compatible
Paints:**

Epoxy primer, chlorinated rubber, acrylic, and polyurethane topcoats

**Surface
Preparation:**

Remove all grease and oil from steel surfaces; For oxidized steel: sandblasting to Sa2.5 grade; For non-oxidized steel: sanding with elastic grinding wheels 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, as the use of the paint is often beyond our control, users must determine the suitability and correctness of the product for specific applications. Our company reserves the right to improve and refine the product and to modify relevant parameters without prior notice.