



M815 Iron Red Epoxy Anti-Rust Primer

Features: The hull anti-rust paint is a two-component polyamide-cured epoxy coating formulated from epoxy resin, aluminum powder, red iron oxide, anti-corrosive pigments, and organic solvents. The coating offers excellent adhesion, heat resistance, salt spray resistance, superior compatibility, and outstanding anti-corrosive properties.

Application: This product serves as a high-performance primer suitable for protective coating systems on steel structures, pipelines, and port facilities.

Basic Parameters:

- Color: Aluminum-Iron, Red, Gray
- Finish: Matte
- Volume Solids Content: 65%
- Density: 1.59g/ml (after mixing)
- Mixing Ratio: Part A: Part B = 25:3
- Wet Film Thickness: 108 μm
- Dry Film Thickness: 70 μm
- Theoretical Coverage: 9.3m²/L, 5.8m²/kg (at a dry film thickness of 70 μm)
- Practical Coverage: 4.9m²/L, 3.1m²/kg
- Flash Point: 35°C
- Surface Dry Time: 1 hour
- 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, epoxy intermediate coat, and polyurethane topcoat.

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, 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 and to modify the relevant parameters without prior notice.