



### M817 micaceous iron epoxy anti-rust (intermediate) paint

**Features:** Micaceous iron epoxy intermediate paint is a two-component polyamide cured epoxy paint made of mica iron oxide pigment. The paint film is resistant to water, oil, hydrocarbons, wear, and impact. This product has limited resistance to sewage, strong solvents, acids, and oxidizing materials.

**Application:** It is used as a primer for areas above the waterline on ships, ship superstructures, as well as offshore facilities above water, coastal equipment, and bridge steel structures for anti-corrosion and anti-fouling.

#### Basic Parameters:

- Color: Silver Gray, Light Gray, Red Brown
- Finish: Matte
- Volume Solid Content: 65%
- Density: 1.59g/ml (after mixing)
- Mixing Ratio: Part A: Part B = 25:3
- Wet Film Thickness: 77  $\mu\text{m}$
- Dry Film Thickness: 50  $\mu\text{m}$
- Theoretical Coverage: 13.0m<sup>2</sup>/L, 8.2m<sup>2</sup>/kg (at a dry film thickness of 50  $\mu\text{m}$ )
- Practical Coverage: 6.9m<sup>2</sup>/L, 4.3m<sup>2</sup>/kg
- Flash Point: 23°C
- Surface Dry Time: 30 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:

Before epoxy topcoats, chlorinated rubber, acrylic, and polyurethane topcoats

Surface  
Preparation:

- For oxidized steel: Sandblasting to Sa2.5 grade.
- For non-oxidized steel: Sanding with elastic grinding wheels to St3 grade.
- As an intermediate coat: Remove oil, dust, and water stains from the primer surface.

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.