



### M816 gray epoxy anti-rust primer

**Features:** The gray epoxy anti-rust primer is a two-component polyamide-cured epoxy coating formulated from epoxy resin, gray anti-corrosive pigments, fillers, and organic solvents. This product can be used as a primer. The tough coating film is resistant to abrasion, impact, seawater, mineral oil, aliphatic hydrocarbon solvents, as well as diesel, gasoline, and lubricants.

**Application:** It is suitable as a high-performance primer and intermediate coat, particularly for areas where achieving high standards of surface preparation is challenging, such as on hulls, decks, and cargo holds of ships; it is also effective for ballast tank corrosion protection.

#### Basic Parameters:

- Color: Gray, Aluminum 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  $\mu\text{m}$
- Dry Film Thickness: 70  $\mu\text{m}$
- Theoretical Coverage: 9.3m<sup>2</sup>/L, 5.8m<sup>2</sup>/kg (at a dry film thickness of 70  $\mu\text{m}$ )
- Practical Coverage: 4.9m<sup>2</sup>/L, 3.1m<sup>2</sup>/kg
- Flash Point: 25°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 topcoat, 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, 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.