

## JDH815 Iron Oxide Red Epoxy 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:** 108µm
- **Dry Film Thickness:** 70µm
- **Theoretical Coverage:** 9.3 m<sup>2</sup>/L, 5.8 m<sup>2</sup>/kg (at a dry film thickness of 70µm)
- **Practical Coverage:** 4.9 m<sup>2</sup>/L, 3.1 m<sup>2</sup>/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 (at 25°C)

**Thinner:** Epoxy Thinner X-7

**Recoating Interval:** 24 hours

**Subsequent Compatible Coatings:** 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 Specifications:

- 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 a specific application. Our company reserves the right to improve and refine the product and to modify relevant parameters without prior notice.



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info@jdmarinepaint.com