

JDH836 Solvent-Free Aluminum Iron Epoxy Anti-Rust Paint

Characteristics:

Aluminum-Iron Epoxy Anti-Corrosion Paint is composed of solvent-free epoxy resin, aluminum powder, iron oxide red, anti-corrosion pigments, and reactive active thinners, forming a two-component cashew nut amine adduct cured epoxy paint. It can be applied in a single spray to achieve a dry film thickness of 300 microns. The coating film has strong adhesion, abrasion resistance, salt spray resistance, good compatibility, and excellent anti-corrosion performance.

Usage:

It can be used as a primer for high-performance coating systems, suitable for steel structures, pipelines, and dock facilities as a heavy-duty anti-corrosion primer.

Basic Parameters:

- Color: Aluminum-Iron
- Coating Film: Matte
- Volume Solids Content: 90%
- Density: 1.65g/ml (after mixing)
- Mixing Ratio: Part A: Part B = 25:3
- Wet Film Thickness: 333 μ m
- Dry Film Thickness: 300 μ m
- Theoretical Coverage: 3.0 m²/L, 1.8 m²/kg (based on dry film thickness of 300 μ m)
- Actual Coverage: 1.6 m²/L, 1.0 m²/kg
- Flash Point: 35°C
- Surface Dry: 1 hour
- Fully Dry: 24 hours

Application Methods:

- High-pressure airless spray, roller coating, brush coating

Pot Life:

- 4 hours (25°C)

Thinner:

- Epoxy Thinner X-7

Recoat Interval:

- 24 hours

Compatible Topcoats:

- Epoxy coatings, epoxy intermediate coatings, and polyurethane topcoats.

Surface Preparation:

- Steel surfaces must be thoroughly cleaned of oil;
- For oxidized surfaces: Sandblast to Sa2.5 grade;
- For non-oxidized surfaces: Use flexible grinding wheels to polish to St3 grade;

Packaging Specifications:

- Part A: 25kg/can



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- Part B: 3kg/can



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