



M825 Solvent-free epoxy joint paint

Features: The epoxy connecting coating is composed of solvent-free epoxy resin, ethylene resin, pigments, fillers, and reactive epoxy thinner, forming a two-component amine-cured epoxy paint. The coating film has good adhesion, flexibility, and strong bonding properties.

Application: Used as a transition layer between epoxy paint and anti-fouling coatings below the waterline of ships. It can also be used as an intermediate coating between epoxy primers and acrylic topcoats, chlorinated rubber topcoats, and alkyd topcoats in steel structures.

Basic Parameters:

- Color: Yellow, Gray, Red
- Coating Film: Matte
- Volume Solids Content: 80%
- Density: 1.60g/ml (after mixing)
- Mixing Ratio: 23:3
- Wet Film Thickness: 63 μm
- Dry Film Thickness: 50 μm
- Theoretical Coverage: 16.0 m^2/L , 10.0 m^2/kg (based on dry film thickness of 50 μm)
- Actual Coverage: 8.5 m^2/L , 5.3 m^2/kg
- Flash Point: 28°C
- Surface Dry: About 1.5 hours
- 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

Recoating Interval: • 16 hours

Compatible
Undercoats:

- Epoxy-based anti-rust coatings, primers

Compatible
Topcoats:

- Chlorinated rubber anti-fouling coatings, acrylic topcoats, and polyurethane topcoats.

Surface
Preparation:

- After the previous coat is fully dry, remove any oil and impurities from the coating surface.

Packaging:

- Part A: 23kg/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