



### M838 Anticorrosive Primer for Galvanized Sheet

**Features:** This is a two-component polyamide adduct-cured epoxy paint. It can form a coating film with good flexibility and adhesion, offering excellent abrasion resistance and impact resistance. This product contains zinc phosphate.

**Application:** It is used as a primer in conjunction with chlorinated rubber, acrylic paint, epoxy paint, and polyurethane paint for surfaces in moderately corrosive environments, such as hot-dip galvanized surfaces, aluminum surfaces, and stainless steel surfaces. This product is also suitable for surfaces that cannot be roughened. See the "Surface Preparation" section.

### Basic Parameters:

- Color: Gray, Yellow
- Coating Film: Matte
- Volume Solids Content: 64%
- Density: 1.56g/ml (after mixing)
- Mixing Ratio: Part A: Part B = 25:3
- Wet Film Thickness: 78  $\mu\text{m}$
- Dry Film Thickness: 50  $\mu\text{m}$
- Theoretical Coverage: 12.8m<sup>2</sup>/L, 8.2m<sup>2</sup>/kg (based on dry film thickness of 50  $\mu\text{m}$ )
- Actual Coverage: 6.8m<sup>2</sup>/L, 4.3m<sup>2</sup>/kg
- Flash Point: 25°C
- Surface Dry: 1 hour
- Hard Dry: 24 hours

**Pot Life:** • 4 hours (25°C)

**Thinner:** • Epoxy Thinner X-7

**Recoating Interval:** • 24 hours

## Compatible Undercoats:

- Epoxy coatings, epoxy intermediate coatings, and polyurethane topcoats

## Surface Preparation:

• Stainless steel surfaces or rough surfaces: Use appropriate cleaners to remove dust, grease, etc. Use (high-pressure) fresh water to remove salts and other contaminants. All pollutants and dust must be completely removed. For optimal adhesion, it is recommended to roughen the surface to be coated. Galvanized surfaces: Use appropriate cleaners to remove dust, grease, etc. Use (high-pressure) fresh water to remove salts and other contaminants. High-pressure water washing, if necessary, should be supplemented with a stiff nylon brush to remove zinc salts (white rust). The coated metal surfaces should be covered as soon as possible to avoid contamination

## Packaging:

- Part A: 25kg/can
- Part B: 3kg/can

## Construction conditions:

The construction surface must be dry and clean, and the paint must be self-cured and not be used under 7° C. The surface temperature must also be above this temperature. The paint temperature must be between 15° C and 25° C. Adequate ventilation should be provided during construction and drying in confined spaces.