



RAINBOW

EPOXY HIGH PERFORMANCE COATING FOR ANTI-CORROSION

PRODUCT NUMBER	EP-987
TYPE	The high solids coating based on epoxy resin with anti-corrosive pigment and mica powder.
USES	Used for ship, bridges, tanks, pipelines, petrochemical plants and steel structures.
CHARACTERISTICS	<ol style="list-style-type: none">1. Tough and hard film, excellent abrasion resistance.2. Excellent anti-corrosion and water resistance.3. Use green anticorrosion pigment in formula, both excellent inhibitory and hiding performance of corrosive protection for steel.4. Excellent resistance to oils and chemicals.5. Can be applied to variety types of coating, or be coated a variety types of coating, for the best maintenance coating.6. When use high weather resistant paint, the anti-corrosion performance is especially excellent.7. After surface treated, carbon steel, stainless steel and hot-dip galvanized substrates can all be attached.
COLOR	Brown, Gray
FLASH POINT	Above 25°C
SPECIFIC GRAVITY	Above 1.5 Kg/L (mixture)
VISCOSITY	About 95 KU (mixture)
DRYING TIME	Set-to-touch 4 hrs. Dry hard 12 hrs. Fully cured 7days (25°C)
OPTIMUM FILM THICKNESS	Wet 108~652 microns Dry 100~600 microns
VOLUME SOLIDS	90±3%
THEORETICAL COVERAGE	35.2 m ² /Gal 9.3 m ³ /L 5.96 m ² /Kg (DFT :100 um)
OVERCOATING INTERVALS	Min. 10 hrs. Max. 7 days(top coat) 28 days(EP-988)
THINNER	Xylene or SP-12 Epoxy thinner (0~5%)
SUBSEQUENT COATS	Epoxy · Polyurethane · Fluorocarbon resin system
MIXING RATIO	Base : hardener = 77.6 : 22.4 (by weight)
POT LIFE	2 hrs. (mixture, 25°C)
STORAGE SHELF LIFE	Minimum 2 years under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller
FOR AIRLESS SPARY	Tip size 0.017" Air pressure 4 Kg/cm ² Pump ratio 45:1 or greater
NOTE	<ol style="list-style-type: none">1. Mix base and hardener according to the mixing ratio and stir thoroughly.2. Moisture, grease, sludge, dust, corrosive salt must be thoroughly cleaned from substrate.3. Avoid applying the paint in raining weather or the relative humidity exceed 85%RH, particularly, a wet surface must be thoroughly dried.4. All equipments must be cleaned immediately after use.5. The coating should be stored in cool ventilated place, do not exposed to the sun in outdoor to avoid affecting the quality.6. To increase or decrease the usage of thinner depending on the temperature of the coated surface, the temperature decreased may have to add more amount of thinner.

EPDM10EP987X V1.0

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