



RAINBOW

EPOXY HIGH SOLIDS COATING FOR ANTI-CORROSION

PRODUCT NUMBER	EP-988
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 primer use PU700 and topcoat use high weather resistant paint, the anti-corrosion performance is especially excellent.
COLOR	Brown, Gray
FLASH POINT	Above 25°C
SPECIFIC GRAVITY	Above 1.35 Kg/L (mixture)
VISCOSITY	About 96 KU (mixture)
DRYING TIME	Set-to-touch 4 hrs. Dry hard 12 hrs. Fully cured 7days (25°C)
OPTIMUM FILM THICKNESS	Wet 110~667 microns Dry 100~600 microns
VOLUME SOLIDS	Above 90%
THEORETICAL COVERAGE	34.4 m ² /Gal 9.1 m ³ /L 6.7 m ² /Kg (DFT :100 um)
OVERCOATING INTERVALS	Min. 10 hrs. Max. 7 days (25°C)
THINNER	Xylene or SP-12 Epoxy thinner (0~5%)
SUBSEQUENT COATS	Epoxy · Polyurethane · Fluorocarbon resin system
MIXING RATIO	Base : hardener = 79.3 : 20.7 (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 0.025" 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.

EPDM10EP988X V1.0

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