



RAINBOW

EPOXY HIGH SOLIDS COATING FOR ANTI-CORROSION (AL)

PRODUCT NUMBER	EP-988 AL
TYPE	The high solids coating based on epoxy resin with aluminum pigment.
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. Topcoat use high weather resistant paint, the anti-corrosion performance is especially excellent.
COLOR	Silver Gray, Sliver redbrown
FLASH POINT	Above 25°C
SPECIFIC GRAVITY	Above 1.4 Kg/L (mixture)
DRYING TIME	Set-to-touch 4 hrs. Dry hard 12 hrs. Fully cured 7days (25°C)
OPTIMUM FILM THICKNESS	Wet 125~750 microns Dry 100~600 microns
VOLUME SOLIDS	Above 80%
THEORETICAL COVERAGE	30.3 m ² /Gal 8 m ² /L 5.7 m ² /Kg (DFT :100 um)
OVERCOATING INTERVALS	Min. 18 hrs. Max. 21 days (polyurethane or fluorocarbon) 42 days (Epoxy) (10°C) Min. 14 hrs. Max. 14 days (polyurethane or fluorocarbon) 35 days (Epoxy) (20°C) Min. 10 hrs. Max. 7 days (polyurethane or fluorocarbon) 28 days (Epoxy) (30°C) Min. 6 hrs. Max. 3 days (polyurethane or fluorocarbon) 21 days (Epoxy) (40°C)
THINNER	Xylene or SP-12 Epoxy thinner (0~5%)
SUBSEQUENT COATS	Epoxy 、 Polyurethane 、 Fluorocarbon resin system
MIXING RATIO	Base : hardener = 74.5 : 25.5 (by weight)
POT LIFE	Below 3 hrs. (mixture, 25°C)
STORAGE SHELF LIFE	Base and hardener : Minimum 2 years under normal storage conditions. (25°C)
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. Surface preparation: surface cleanliness Sa 2 1/2 (ISO 8501-1) and surface roughness 50um to 85um.2. Mix base and hardener according to the mixing ratio and stir thoroughly.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.

EPDM10EP988AL V1.2

YUNG CHI PAINT & VARNISH MFG. CO., LTD.

No.26, Yen Hai 3rd Road, Kaohsiung, Taiwan.
<http://www.rainbowpaint.com.tw>

TEL:886-7-8713181
FAX:886-7-8715443