



# RAINBOW

## HIGH SOLIDS EPOXY GLASS FLAKE COATING

PRODUCT NUMBER	EP-988GF
TYPE	The high solids coating based on epoxy resin with glass flake anti-corrosive pigment.
USES	Used for ship, bridges, tanks, pipelines, petrochemical plants and steel structures.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Tough and hard film, excellent abrasion resistance.</li><li>2. Excellent anti-corrosion and water resistance.</li><li>3. Use green anticorrosion pigment in formula, both excellent inhibitory and hiding performance of corrosive protection for steel.</li><li>4. Excellent resistance to oils and chemicals.</li><li>5. Can be applied to variety types of coating, or be coated a variety types of coating, for the best maintenance coating.</li><li>6. When primer use PU700 and topcoat use high weather resistant paint, the anti-corrosion performance is especially excellent.</li></ol>
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 <sup>2</sup> /Gal 9.1 m <sup>3</sup> /L 6.7 m <sup>2</sup> /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 = 77.6 : 22.4 (by weight)
POT LIFE	Below 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 <sup>2</sup> Pump ratio 45:1 or greater
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio and stir thoroughly.</li><li>2. Moisture, grease, sludge, dust, corrosive salt must be thoroughly cleaned from substrate.</li><li>3. Avoid applying the paint in raining weather or the relative humidity exceed 85%RH, particularly, a wet surface must be thoroughly dried.</li><li>4. All equipments must be cleaned immediately after use.</li><li>5. The coating should be stored in cool ventilated place, do not exposed to the sun in outdoor to avoid affecting the quality.</li><li>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.</li></ol>

EPDM10EP988G V1.1

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