



# RAINBOW

## EPOXY HIGH SOLIDS GLASS FLAKE COATING

PRODUCT NUMBER	No.1061GF (EP-999GF)
TYPE	The glass flake coating based on epoxy resin with anticorrosive 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 anticorrosion 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. Suitable to loading grain.</li><li>7. When primer use PU700 and topcoat use high weather resistant paint, the anticorrosion performance is especially excellent.</li></ol>
COLOR	Brown, Gray
FLASH POINT	Above 25
SPECIFIC GRAVITY	Above 1.4 Kg/L ( mixture)
DRYING TIME	Set-to-touch 4 hrs.      Dry hard 12 hrs.      Fully cured 7days (25 )
OPTIMUM FILM THICKNESS	Wet 188 microns      Dry 150 microns
VOLUME SOLIDS	Above 75%
THEORETICAL COVERAGE	20.0 m <sup>2</sup> /Gal      5.3 m <sup>2</sup> /L      3.8 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Min. 6 hrs. (25 )
THINNER	SP-12 Epoxy Thinner (5~25%).
PRECEDING COATS	No.1006 Epoxy Zinc Rich Primer No.1011 Inorganic Zinc Rich Primer No.700 One Pack Polyurethane Maintenance Primer No.1020 Epoxy Alloy Primer No.1075 Epoxy Aluminum Tripolyphosphate Primer
SUBSEQUENT COATS	Epoxy, Polyurethane, Fluorocarbon resin system
MIXING RATIO	Base : Hardener = 83 : 17 ( by weight )
POT LIFE	4 hrs. ( mixture, 25 )
STORAGE SHELF LIFE	Minimum 2 years under normal storage conditions.
APPLICATION METHOD	Airless spray, Brush, Roller
FOR AIRLESS SPRAY	Tip size 0.025"~ 0.029"      Air pressure 5~6 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 rainy weather or the relative humidity exceed 85%, 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>

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