



# RAINBOW

## RAINBOPRIME 987

High-Solid Epoxy Coating

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| PRODUCT NUMBER         | RAINBOPRIME 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. It can also be directly coating on hot-dip galvanized material and use it as a primer.  |
| 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 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 1.56 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 108~652 microns Dry 100~600 microns  |
| VOLUME SOLIDS          | Above 90%  |
| THEORETICAL COVERAGE   | 35.2 m <sup>2</sup> /Gal 9.3 m <sup>3</sup> /L 5.96 m <sup>2</sup> /Kg (DFT :100 um)   |
| OVERCOATING INTERVALS  | Min. 10 hrs. Max. 7 days(top coat) 28 days(Rainboprime 987) (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               | 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> |

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