



# RAINBOW

## EPOXY GLASS FLAKE ABRASION RESISTANT PAINT

PRODUCT NUMBER	1074 (EP-150)
TYPE	A two-pack, high performance rust preventive paint based on epoxy resins and hardener with glass flakes.
USES	Used for the steel structures of bridge, water canal, plant facility, storage tank.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Tough and hard film with very good adhesion.</li><li>2. Excellent resistance to water and seawater.</li><li>3. Very good oils resistance.</li><li>4. Excellent rust preventive properties.</li><li>5. Excellent resistance to mechanical damage.</li><li>6. Very good resistance to ultraviolet ray penetration.</li></ol>
FINISH	Gloss
COLOR	Gray - Brown
HIDING POWER	Above 10 m <sup>2</sup> /L (mixture)
MASS DENSITY	Above 1.4 Kg/L (mixture)
VISCOSITY	80~110 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 1 hr. Dry hard 4 hrs. Fully cured 7 days. (25°C)
OPTIMUM FILM THICKNESS	Wet 416 microns Dry 300 microns
THEORETICAL COVERAGE	9.0 m <sup>2</sup> /Gal 2.4 m <sup>2</sup> /L 1.7 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Min. 8 hrs. Max. 14 days (20°C)
MIXING RATIO	Base : Hardener =90 : 10 (by wt.)
NON-VOLATILE CONTENT	Above 50% (mixture)
POT LIFE	50 minutes (mixture, 25°C)
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	5~10% (cleaning tools excluded)
PRECEDING COATS	No.1011 Inorganic Zinc Rich Primer or Epoxy system
SUBSEQUENT COATS	Epoxy, Vinyl, CR or PU system
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio and stir thoroughly then keep static about 10~20 minutes before use.</li><li>2. Adhered moisture, grease, dirt, dust, rust and corrosion salts on substrate must be removed thoroughly.</li><li>3. Avoid applying the paint in rainy weather or relative humidity exceeded 85%, particularly a wet surface must be thoroughly dried.</li><li>4. All equipment must be cleaned immediately after use.</li><li>5. When used inside tanks, sufficient ventilation must be provided.</li></ol>

EPDM101074XX V1.2

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