



# RAINBOW

## EPOXY M. I. O. PRIMER

PRODUCT NUMBER	No. 1050 (EP-20)
TYPE	A two-pack, anti-corrosive paint based on epoxy resin and special hardener with Micaceous Iron Oxide and aluminum powder pigment.
USES	Intermediate used for steel structures of bridge, canal, factory equipment, tanks ,etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Tough and hard film with good adhesion.</li><li>2. Excellent resistance to water, mechanical damage, oils, and corrosion.</li><li>3. Excellent resistance to UV penetration.</li></ol>
FINISH	Flat
COLOR	Silver Red or Grey
MASS DENSITY	Above 1.4 Kg/L (mixture, depending on colors)
VISCOSITY	75~95 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 0.5hrs. Dry hard 6 hrs. Fully cured 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 200 microns Dry 130 microns
THEORETICAL COVERAGE	18.9 m <sup>2</sup> /GL 5.0 m <sup>2</sup> /L 3.57 m <sup>2</sup> /Kg
MIXING RATIO	Base : hardener = 91 : 9 (by wt.)
NON-VOLATILE VOLUME SOLID	Above 65% (mixture)
POT LIFE	8 hrs. (mixture, 25°C)
THINNER	No. 1005 Epoxy Thinner (SP-12)
THINNING RATE	5~10% (cleaning tools excluded)
PRECEDING COATS	EPOXY PRIMER, No. 1011 Inorganic Rich Primer
SUBSEQUENT COATS	Epoxy or PU system
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller.
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio and stir thoroughly before use.</li><li>2. Adhere 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 hermetic space, sufficient ventilation must be provided.</li></ol>

EPDM101050XX V1.3

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