



# RAINBOW

## EPOXY M.I.O. PRIMER

PRODUCT NUMBER	1050 (EP-20)
TYPE	A two pack, high performance anti-corrosive intermediate primer based on epoxy resin and special hardener with mica flakes iron oxide and aluminum pigments.
USES	Used for steel structures such as bridges, water canal, plant equipments, storage tanks etc.
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 sea water.</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	Flat
COLOR	Silver red, grey
HIDING POWER	Above 10 m <sup>2</sup> /L (mixture)
MASS DENSITY	Above 1.4 Kg/L (mixture)
VISCOSITY	75~95 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 1.5 hrs. Dry hard 6 hrs. Fully Cured 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 200 microns Dry 100 microns
THEORETICAL COVERAGE	18.9 m <sup>2</sup> /Gal 5.0 m <sup>2</sup> /L 3.57 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Min. 16 hrs. Max. 90 days (25°C)
MIXING RATIO	Base : hardener = 91 : 9 (by wt.)
NON-VOLATILE CONTENT	Above 65%
POT LIFE	8 hrs. (mixture, 25°C)
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	5~10% (cleaning tools excluded)
PRECEDING COATS	Epoxy system or No.1011 Inorganic Zinc Rich Primer (IZ-01)
SUBSEQUENT COATS	Epoxy, Vinyl, CR or PU system
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Brush, Airless spray
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio and stir thoroughly.</li><li>2. Adhered moisture, grease, and dirt on substrate must be cleaned thoroughly.</li><li>3. Avoid applying the paint in rainy weather and 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>

EPDM101050XX V1.1

# YUNG CHI PAINT & VARNISH MFG. CO., LTD.

No.26, Yen Hai 3rd Road, Kaohsiung, Taiwan.  
<http://www.rainbowpaint.com.tw>

TEL:886-7-8713181  
FAX:886-7-8715443