



# RAINBOW

## MODIFIED EPOXY COATING

PRODUCT NUMBER	No.1050M
TYPE	A two-pack, anti-corrosive paint based on modified Epoxy Resin, Micaceous Iron Oxide and Aluminum pigments.
USES	Heavy duty intermediate primer for ships, bridges, tanks, coastal facilities pulp factories and steel structure.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Tough and hard film with very good adhesion.</li><li>2. Excellent resistance to sea water. Excellent rust preventive properties.</li><li>3. Excellent resistance to mechanical damage.</li><li>4. Very good resistance to oil and mild chemicals.</li><li>5. Very good resistance to ultraviolet ray penetration.</li></ol>
FINISH	Flat
COLOR	Reddish Silver, Grey Silver
SPECIFIC GRAVITY	Above 1.4 Kg/L ( Mixture )
VISCOSITY (25°C)	80~95 KU ( Mixture )
DRYING TIME	Set-to-touch 2 hrs. Dry hard 8 hrs. Fully cured 7 days(25°C)
OVERCOATING INTERVALS	Min. 16 hrs.
OPTIMUM FILM THICKNESS	Wet 150~188μ Dry 100~125μ
VOLUME SOLIDS	Above 65% ( Mixture )
THEORETICAL COVERAGE	25.2 m <sup>2</sup> /Gal 6.7 m <sup>2</sup> /L 0.150 L/m <sup>2</sup> @100μ/DFT
THINNER	SP-12 Epoxy thinner
THINNING RATE	5~15% ( by wt. )
PRECEDING COATS	NO.1007 Epoxy Red Lead Primer NO.1011 Inorganic zinc rich Primer NO.1009 Epoxy Red Oxide Primer SP-09 Cathozinc Shop Primer,Type2 NO.1006 Epoxy Zinc Rich Primer
SUBSEQUENT COATS	Topcoats of Epoxy, Vinyl, Chlorinated Rubber, or Polyurethane system
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
MIXING RATIO	Base :Hardener = 90 : 10 ( by wt. )
POT LIEE (25°C)	8 hrs. ( Mixture )
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 tanks, sufficient ventilation must be provided.</li></ol>
REMARK	The practical coverage will depend on the shape of objects or environmental conditions. Generally, the theoretical coverage for brush, and spray will 1.4 times, and 1.7 times as to their practical coverage.

EPDM101050MX V1.0

# 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