## 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** 1. Tough and hard film with very good adhesion.

2. Excellent resistance to sea water. Excellent rust preventive properties.

3. Excellent resistance to mechanical damage.

4. Very good resistance to oil and mild chemicals.

5. Very good resistance to ultraviolet ray penetration.

**FINISH** 

**COLOR** Reddish Silver, Grey Silver SPECIFIC GRAVITY Above 1.4 Kg/L (Mixture)

80~95 KU (Mixture) VISCOSITY (25°C)

2 hrs. Dry hard 8 hrs. Fully cured **DRYING TIME** Set-to-touch 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  $5 \sim 15\%$  (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 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

1. Mix base and hardener according to the mixing ratio and stir thoroughly before

2. Adhere moisture, grease, dirt, dust, rust, and corrosion salts on substrate must be removed thoroughly.

3. Avoid applying the paint in rainy weather or relative humidity exceeded 85%, particularly a wet surface must be thoroughly dried.

4. All equipment must be cleaned immediately after use.

5. When used inside tanks, sufficient ventilation must be provided.

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 V1.1

REMARK

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