



# RAINBOW

## RAINBOPRIME 801

PRODUCT NUMBER	30801
TYPE	A two-pack, anticorrosion primer based on epoxy resin, hardener and special pigments
CHARACTERISTICS	<ol style="list-style-type: none"><li>Used for the new building system or the maintenance system, including cargo hold, water chamber and all areas of ship. Also used for anticorrosion engineering of steel structure such as chemical factories, bridges, power plants, inlet and outlet pipes, drains and sewers etc.</li><li>Very good adhesion for steel substrates.</li><li>It is convenient to be applicable; No matter in summer or winter</li><li>Excellent water and anti-corrosion resistance.</li><li>Used for repairing epoxy paint because of cutting or forced damage.</li><li>Very good compatibility with cathode anticorrosion system.</li></ol>
COLOR	Grey, brown
VOC	Max. 220 g/L
VISCOSITY	Above 90 KU (mixture, 25°C)
FLASH POINT	Above 23°C (mixture)
MASS DENSITY	Above 1.45 Kg/L (mixture)
DRYING TIME	Set-to-touch 4 hrs.      Dry hard 8 hrs.      Fully cured 5 days (25°C)
OVERCOATING INTERVALS	Min. 8 hrs.      Max. 7 days (25°C) Min. 18 hrs.      Max. 14 days (15°C) Min. 24 hrs.      Max. 28 days (5°C)
OPTIMUM FILM THICKNESS	Wet 119 microns      Dry 100 microns
VOLUME SOLIDS	82±2% (mixture)
THEORETICAL COVERAGE	38.1 m <sup>2</sup> /Gal / 8.4 m <sup>2</sup> /L (Dry film 100 microns)
MIXING RATIO	Base : hardener = 84.7 : 15.3 (by volume)
POT LIFE	2 hour. (mixture, 25°C)
THINNER	No.1005 Epoxy Thinner (SP-12) When application in low temperature, Xylene is suggested to be used as thinner Please refer the painting specification
RECOMMENDED SPEC.	93°C (dry environment)
HEAT RESISTANCE	Minimum 1 year under normal storage conditions.
STORAGE SHELF LIFE	Airless spray (brush or roller is limited to small repair)
APPLICATION METHOD	Tip size 0.017"~ 0.025"      Air pressure 4 Kg/cm <sup>2</sup>
FOR AIRLESS SPRAY	
NOTE	<ol style="list-style-type: none"><li>Adhered grease, dust and sand on substrate must be cleaned thoroughly. Steel surface must be blast-cleaned to ISO-Sa 2 1/2 or SSPC-SP-10, the roughness of surface must reach 30 microns and above.</li><li>Mix base and hardener according to the mixing ratio and stir thoroughly and then apply within 60 minutes.</li><li>When application in low temperature environment.<ol style="list-style-type: none"><li>The paint should be storage indoor.</li><li>Mixed base and hardener should be maintained above 15°C for good performance.</li></ol></li><li>Please wear gloves when apply to avoid skin touch, accidentally when the mouth, nose or eye touch, immediately wash with water.</li><li>When used inside tanks, sufficient ventilation must be provided.</li><li>When overcoating interval is exceeded, paint film surface must be roughened to ensure adhesion.</li><li>Substrate temperature during application and curing should be above 5°C Substrate temperature during application and curing should be at least 3°C above dew point Relative humidity during application and curing should not exceed 85%.</li></ol>

EPDM3030801X V1.2

# 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