



RAINBOW

RAINBOPRIME 805 (SP-92)

PRODUCT NUMBER	30805
TYPE	The two-pack, anticorrosion primer based on epoxy resin, hardener and special pigments
CHARACTERISTICS	<ol style="list-style-type: none">1. Used for the new building system or the maintenance system, including 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.2. Very good adhesion for steel and galvanized substrates.3. Very good adhesion for non-ferrous metal substrate.4. Excellent water and anti-corrosion resistance.5. Used for repairing epoxy paint because of cutting or forced damage.6. Very good recoat ability.7. Can be recoated by alkyd, chloride rubber, epoxy, polyurethane system coatings.8. Very good compatibility with cathode anticorrosion system.9. No VOC emissions in the coating.
COLOR	Grey, Red Oxide
VOC	Max. 0 g/L
PRODUCT WEIGHT	Above 1.5 Kg/L (mixture)
DRYING TIME	Set-to-touch 4 hrs. Dry hard 8 hrs. Fully cured 5 days (25°C)
OVERCOATING INTERVALS	Min. 12 hrs. Max. 10 days (25°C)
OPTIMUM FILM THICKNESS	Wet 150 microns Dry 150 microns
VOLUME SOLIDS	100% (mixture)
THEORETICAL COVERAGE	25.2 m ² /Gal
MIXING RATIO	Base : hardener = 14.2 : 5.8 (by volume)
POT LIFE	1 hour. (mixture, 25°C)
THINNER	No.1005 Epoxy Thinner (SP-12), only for cleaning tools.
RECOMMENDED SPEC.	Please refer the painting specification
HEAT RESISTANCE	93°C (dry environment)
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless spray (brush or roller is limited to small repair)
FOR AIRLESS SPRAY	Tip size 0.029"~ 0.035" Air pressure 6 Kg/cm ²
NOTE	<ol style="list-style-type: none">1. 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.2. Mix base and hardener according to the mixing ratio and stir thoroughly and then apply within 60 minutes.3. It is better to use above 60:1 airless spray.4. Please wear gloves when apply to avoid skin touch, accidentally when the mouth, nose or eye touch, immediately wash with water.5. When used inside tanks, sufficient ventilation must be provided.6. When overcoating interval is exceeded, paint film surface must be roughened to ensure adhesion.

EPDM3030805X V1.0

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