



# RAINBOW

## RAINBOPRIME 809

Epoxy Tie Coating

PRODUCT NUMBER	RAINBOPRIME 809
TYPE	Two-pack, general purpose high solids epoxy tie coat.
CHARACTERISTICS	<ol style="list-style-type: none"> <li>1. General purpose tie coat for marine hulls, topsides, boottops and bottoms.</li> <li>2. Can coat or be coated with various types of coating and can be applied to a variety of coating system.</li> <li>3. Tough and flexible film with excellent abrasion resistance.</li> <li>4. Excellent resistance to sea water and most chemicals.</li> <li>5. Excellent corrosion resistance and very good adhesion.</li> </ol>
FINISH	Flat
COLOR	Brown, Silver, Gray, Green, Blue
VOC	Max. 220 g/L
PRODUCT WEIGHT	Above 1.45 Kg/L ( mixture )
VISCOSITY	Above 120 KU (mixture, 25°C)
FLASH POINT	Above 23°C ( mixture )
DRYING TIME	Set-to-touch 2 hrs. Dry hard 8 hrs. Fully dried 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 125~187.5 microns DFT 100~150 microns
VOLUME SOLIDS	78-82 %
THEORETICAL COVERAGE	30.5 m <sup>2</sup> /Gal 8 m <sup>2</sup> /L DFT 100μ
OVERCOATING INTERVALS	

		Alkyd Rainbokyd 15	Acrylic Rainbolic 25	EPOXY	PU Rainbothane 751	AF SP-99 SP-120	chlorinated rubber RT3 3/ SP34 / VF51	Silicone Type AF 1100
15 °C	Min	12 hrs	12 hrs	12 hrs	12 hrs	12 hrs	12 hrs	36 hrs
	Max	10 days	2 days	40 days	40 days	10 days	2 days	4 days
25 °C	Min	8 hrs	8 hrs	8 hrs	8 hrs	8 hrs	8 hrs	24 hrs
	Max	6 days	1 days	30 days	30 days	8 days	1 days	3 days
35 °C	Min	6 hrs	6 hrs	6 hrs	6 hrs	6 hrs	6 hrs	18 hrs
	Max	4 days	20 hrs	21 days	21 days	4 days	20 hrs	2 days

MIXING RATIO	Base : Hardener = 18 : 2 ( by volume. )
POT LIFE	2 hrs. (mixture, 25°C)
THINNER	No.1005 Epoxy Thinner ( SP-12 )
THINNING RATE	0~10%(by wt.)
RECOMMENDED SPEC.	Please refer the painting specification
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller
FOR AIRLESS SPRAY	Tip Size 0.021" ~0.029" Air Pressure 5~6 Kg/cm <sup>2</sup> Pump Ratio 33 : 1 or greater
NOTE	<ol style="list-style-type: none"> <li>1. Mix base and hardener according to the mixing ratio and stir thoroughly.</li> <li>2. All equipments must be cleaned immediately after use.</li> <li>3. When used inside tanks, sufficient ventilation must be provided.</li> </ol>

EPDM3030809X V1.4

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