



RAINBOW

RAINBOXY 856

Epoxy Tie Coat

PRODUCT NUMBER	RAINBOXY 856																																																												
TYPE	Two-pack, general purpose anticorrosive high solids paint based on epoxy resin.																																																												
CHARACTERISTICS	<ol style="list-style-type: none"> 1. General purpose anticorrosive primer for marine hulls, topsides, boottops and bottoms. 2. Can coat or be coated with various types of coating and is the best paint for maintenance . 3. Tough and flexible film with excellent abrasion resistance. 4. Excellent resistance to sea water and most chemicals. 5. Excellent corrosion resistance and very good adhesion. 6. Multi-purpose paint as self- primer. 																																																												
FINISH	Flat																																																												
COLOR	Brown , Gray																																																												
VOC	Max. 337 g/L																																																												
PRODUCT WEIGHT	Above 1.3 Kg/L (mixture)																																																												
VISCOSITY	Above 80 KU (mixture, 25°C)																																																												
FLASH POINT	Above 23°C (mixture)																																																												
DRYING TIME	Set-to-touch 3 hrs. Dry hard 8 hrs. Fully dried 7 days (25°C)																																																												
OPTIMUM FILM THICKNESS	Wet 107~143 microns Dry 75~100 microns																																																												
VOLUME SOLIDS	70±2%																																																												
THEORETICAL COVERAGE	140 m ² /20L 35 m ² /5L 7 m ² /L (@ 100 μ)																																																												
OVERCOATING INTERVALS	<table border="1"> <thead> <tr> <th></th> <th></th> <th>Alkyd Rainbokyd 15</th> <th>Acrylic Rainbolic 25</th> <th>EPOXY</th> <th>PU Rainbothane 751</th> <th>AF SP-99 SP-120</th> <th>Rubber primer RA11/12</th> <th>Rubber RT33 CR SP34 /VF51</th> </tr> </thead> <tbody> <tr> <td rowspan="2">15°C</td> <td>min</td> <td>16 hrs</td> </tr> <tr> <td>max</td> <td>10 days</td> <td>10 days</td> <td>40 days</td> <td>40 days</td> <td>12 days</td> <td>10 days</td> <td>6 days</td> </tr> <tr> <td rowspan="2">25°C</td> <td>min</td> <td>8 hrs</td> </tr> <tr> <td>max</td> <td>7 days</td> <td>5 days</td> <td>30 days</td> <td>30 days</td> <td>7 days</td> <td>5 days</td> <td>3 days</td> </tr> <tr> <td rowspan="2">35°C</td> <td>min</td> <td>6 hrs</td> </tr> <tr> <td>max</td> <td>5 days</td> <td>3 days</td> <td>21 days</td> <td>21 days</td> <td>5 days</td> <td>3 days</td> <td>2 days</td> </tr> </tbody> </table>			Alkyd Rainbokyd 15	Acrylic Rainbolic 25	EPOXY	PU Rainbothane 751	AF SP-99 SP-120	Rubber primer RA11/12	Rubber RT33 CR SP34 /VF51	15°C	min	16 hrs	max	10 days	10 days	40 days	40 days	12 days	10 days	6 days	25°C	min	8 hrs	max	7 days	5 days	30 days	30 days	7 days	5 days	3 days	35°C	min	6 hrs	max	5 days	3 days	21 days	21 days	5 days	3 days	2 days																		
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MIXING RATIO	Base : Hardener = 18.2 : 1.8 (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 ² Pump Ratio 33 : 1 or greater																																																												
NOTE	<ol style="list-style-type: none"> 1. Mix base and hardener according to the mixing ratio and stir thoroughly. 2. All equipments must be cleaned immediately after use. 3. When used inside tanks, sufficient ventilation must be provided. 4. First coat must use silver paint in underwater to enhance the effects of cathode corrosion resistance. 5. Rainbokyd 15 is not recommended for painting on the outer panel for direct soaking purposes. 																																																												

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