



RAINBOW

RAINBOACE 120

Tin-free Hydrolysis Self-polishing A/F

PRODUCT NUMBER	RAINBOACE 120 (SP-120)																		
TYPE	A Tin-Free Hydrolysis self-polishing, anti-fouling paint based on special Functional Metal Silyl Copolymer and Inorganic Toxins.																		
USES	Long life anti-fouling topcoat for ship bottoms. Paint film can self-polish with the impact of water to a constantly smooth surface. The anti-fouling capacity is directly proportional to paint film thick.																		
CHARACTERISTICS	<ol style="list-style-type: none">1. Tin-Free type, can prevent seawater pollution.2. Fresh smooth film can be kept by impact of waterflow..3. Self-Polishing effect can reduce friction and save fuel consumption by 3%.4. Tough and abrasion resistant.5. Very fast drying.																		
FINISH	Flat																		
COLOR	Red Brown, Brown, Blue, Blue-Green, Black																		
SPECIFIC GRAVITY	Above 1.5 Kg/L																		
FLASH POINT	Above 26 °C																		
VISCOSITY	100 ± 10 KU (25°C)																		
DRYING TIME	<table border="1"><thead><tr><th>Surface Temperature</th><th>5 °C</th><th>15 °C</th><th>25 °C</th><th>35 °C</th></tr></thead><tbody><tr><td>Touch Dry</td><td>60 mins</td><td>50 mins</td><td>40 mins</td><td>20 mins</td></tr></tbody></table>				Surface Temperature	5 °C	15 °C	25 °C	35 °C	Touch Dry	60 mins	50 mins	40 mins	20 mins					
Surface Temperature	5 °C	15 °C	25 °C	35 °C															
Touch Dry	60 mins	50 mins	40 mins	20 mins															
OVERCOATING INTERVAL	<table border="1"><thead><tr><th>Overcoating</th><th>5 °C</th><th>15 °C</th><th>25 °C</th><th>35 °C</th></tr></thead><tbody><tr><td>Min</td><td>16 h</td><td>10 h</td><td>6 h</td><td>4 h</td></tr><tr><td>immersion</td><td>24 h</td><td>12 h</td><td>8 h</td><td>6 h</td></tr></tbody></table>				Overcoating	5 °C	15 °C	25 °C	35 °C	Min	16 h	10 h	6 h	4 h	immersion	24 h	12 h	8 h	6 h
Overcoating	5 °C	15 °C	25 °C	35 °C															
Min	16 h	10 h	6 h	4 h															
immersion	24 h	12 h	8 h	6 h															
OPTIMUM FILM THICKNESS	Wet 157 ~ 235 μm (6.2 ~ 9.4 mils) Dry 100 ~ 150 μm (4 ~ 6 mils)																		
VOLUME SOLIDS	64 ± 2 %																		
PRECEDING COATS	SP-47 Epoxy General Purpose Primer (EP-111) and others manufacturer recommend. The application of the coating system procedure should be followed according to the recommended guidelines provided by YUNG CHI.																		
THEORETICAL COVERAGE	4.25 ~ 6.36 m ² /L																		
THINNER	RP-71 Thinner																		
THINNER RATE	0 ~ 3 % (by wt.)																		
STORAGE SHELF LIFE	12 months under normal storage conditions.																		
APPLICATION METHOD	Airless Spray																		
FOR AIRLESS SPRAY	Tip size 0.021" ~ 0.035" Air Pressure 5 ~ 6 Kg/cm ² Pump Ratio 45: 1 or greater																		
NOTE	<ol style="list-style-type: none">1. For spray application the necessary health precautions must be observed.2. Apply different colors of A/F for 1 & 2 coats for discrimination.																		

EPDM3030120X V1.0

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