



# 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	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	Surface Temperature	5 °C	15 °C	25 °C	35 °C
	Touch Dry	60 mins	50 mins	40 mins	20 mins

OVERCOATING INTERVAL	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<sup>2</sup>/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<sup>2</sup>

Pump Ratio 45: 1 or greater

NOTE 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

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