

Marine Paint Manual

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ECOLOFLEX SPC 250 HyB

Patented copolymer technology (Copper silyl acrylate copolymer) which ensures long term and stable self-smoothing effect which makes the fresh active coating surface constantly exposed to seawater, resulting in excellent antifouling performance.

Suitable Use	For ocean going vessels (Low to medium speed)			
Type	Copper silyl acrylate copolymer (Tin-free / Self-smoothing / Hydrolysis / High solid)			
Colour	Cherry V, Plum V			
Gloss	Semi-Gloss			
Volume Solids	52 ± 2% (ISO3233:1998)			
Typical Dry Film Thickness	80 ~ 150 µm			
Approx. Wet Film Thickness	154 ~ 288 µm			
Theoretical Coverage	5.20 m ² / L (100 µm)			
Drying Time	Surface Dry	1 hour (5°C)	40 minutes (20°C)	30 minutes (30°C)
	Dry Hard	3 hours (5°C)	1 hour (20°C)	40 minutes (30°C)
Interval before Overcoating (by self)	Min.	6 hours (5°C)	4 hours (20°C)	3 hours (30°C)
	Max.	- (5°C)	- (20°C)	- (30°C)
Interval before Immersion	Min.	18 hours (5°C)	12 hours (20°C)	10 hours (30°C)
Thinner	NIPPON MARINE THINNER 300 (0 ~ 5%, by weight)			
Application Method	Airless Spray	Tip range	0.69 ~ 0.84 mm	
		Fan range	60 ~ 75°	
		Output pressure above 150 kg / cm ²		
	Brush / Roller	For touching up small areas only		
Typical Package	16L			
	Package may vary from country to country.			
Japan Local Brand	ECOLOFLEX SPC 250 HyB			
Flash Point	24°C			
Surface Preparation	All surfaces to be coated should be clean, dry and free from contamination. High pressure fresh water wash and remove all oil / grease, soluble contaminants and other foreign matters.			
Safety	Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.) Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapour concentrations within safe limits. Prior to use, obtain, consult and follow the MSDS for this product concerning health and safety information.			



Basic & New

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< Note >

- 1) The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.
- 2) Use NIPPON MARINE THINNER 300 to wash painting appliances, hoses and guns before and after use.
- 3) The declaration letter of Tin-free Antifouling Paint would not be issued if mixed with the other antifouling paints product or another chemical products.
- 4) Store the paints in paint store.
- 5) Consult your Nippon Paint representative for the coating system best suited for the vessels.