

Marine Paint Manual

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ECOLOFLEX SPC 250 HyB

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

Suitable Use	For ocean going vessels (Low & mid speed)		
Type	Copper silyl acrylate copolymer (Tin-free / Low friction / Hydrolysis / High solid)		
Colour	Cherry SK, Plum SK		
Gloss	Semi-gloss		
Volume Solids	49 ± 2% (ISO3233:1998)		
Typical Dry Film Thickness	80 ~ 150 µm		
Approx. Wet Film Thickness	163 ~ 306 µm		
Theoretical Coverage	4.90 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 (100µm)	Min.	18 hours (5°C) 12 hours (20°C) 10 hours (30°C)	
		※ Refer to Note (4).	
Thinner	NIPPON MARINE THINNER 300 (0 ~ 5%, by volume)		
Application Method	Airless Spray	Tip range	0.69 ~ 0.84 mm
		Fan angle	60° ~ 75°
		Output pressure	above 150 kg / cm ²
Typical Package	Brush / Roller	For touching up small areas only	
		20 L 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 vapor concentrations within safe limits. Prior to use, obtain, consult and follow the SDS for this product concerning health and safety information.		

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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) Interval before immersion is related to ambient conditions, ventilation, film thickness, and number of coats and will be affected correspondingly. Contact us for actual application.
- 5) Store the paints in paint store.