

Marine Paint Manual

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Issue Date: October 2010 (ES)

NIPPON E-MARINE A/CII

A two-pack epoxy tie-coat anticorrosive designed taking health, safety and environmental issues into consideration. Combined with NIPPON E-MARINE A/C, the system provides excellent seawater resistance and good adhesion to various kinds of antifoulings and finishes.

Suitable Use	Tie-coat anticorrosive for outer hull (including boottop and topsides), decks, superstructure, etc.					
Type	Epoxy (Two-pack / High build)					
Colour	Gray, Cream					
Gloss	Flat					
Volume Solids	57 ± 2% (ISO3233:1998)					
Typical Dry Film Thickness	50 ~ 125 µm					
Approx. Wet Film Thickness	88 ~ 219 µm					
Theoretical Coverage	7.60 m ² / L (75 µm)					
Drying Time	Surface Dry	12 hours (5°C)	6 hours (20°C)	4 hours (30°C)		
	Dry Hard	36 hours (5°C)	16 hours (20°C)	12 hours (30°C)		
	Full Cure	14 days (5°C)	7 days (20°C)	5 days (30°C)		
	*NIPPON E-MARINE A/C IILT is available for low temperature.					
Interval before Overcoating (by self)	Min.	36 hours (5°C)	16 hours (20°C)	12 hours (30°C)		
	Max.	42 days (5°C)	30 days (20°C)	14 days (30°C)		
Thinner	NIPPON MARINE THINNER 600 (0 ~ 10%, by weight)					
Application Method	Airless Spray	Tip range	0.48 ~ 0.59 mm			
		Fan range	55° ~ 62°			
		(For T/U)	30°			
		Output pressure	150 ~ 200 kg / cm ²			
	Brush	For touching up small areas only				
Mixing Ratio by Volume	BASE 4 / HARDENER 1					
Pot Life after Mixing	6 hours (5°C) 4 hours (20°C) 3 hours (30° C)					
Typical Package	20L (BASE 16L, HARDENER 4L)					
	Package may vary from country to country.					
Japan Local Brand	NIPPON E-MARINE A/C II					
Flash Point	BASE 23°C		HARDENER 6°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.					

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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) Prior to overcoating, remove heavily chalked layer, salt contamination, etc. by fresh water washing.
- 3) Store the paints in paint store.
- 4) When ambient temperature is below 10°C, NIPPON E-MARINE A/C II LT shall be applied.