

# Marine Paint Manual

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Issue Date: October 2010 (ES)

## NIPPON E-MARINE A/C LT

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 antifouling and finishes. This is the low temperature version of NIPPON E-MARINE A/C II.

Suitable Use	Tie-coat anticorrosive for outer hull(including boottop and topsides), decks, superstructure, etc.		
Type	Epoxy (LT type / Two-pack / High build)		
Color	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 <sup>2</sup> / L (75 μm)		
Drying Time	Surface Dry	3 hours (5 )	2 hour (10 ) 1 hour (20 )
	Dry Hard	16 hours (5 )	12 hours (10 ) 8 hours (20 )
	Full Cure	7 days (5 )	6 days (10 ) 5 days (20 )
Interval before Overcoating ( by self )	Min.	16 hours (5 )	12 hours (10 ) 8 hours (20 )
	Max.	14 days (5 )	14 days (10 ) 10 days (20 )
Thinner	NIPPON MARINE THINNER 600 ( 0 ~ 10%, by weight )		
Application Method	Airless Spray	Tip range	0.48 ~ 0.59 mm
		Fan angle	55° ~ 62°
		( For T/U )	30°
		Output pressure	150 ~ 200 kg / cm <sup>2</sup>
	Brush	For touching up small areas only	
Mixing Ratio by Volume	BASE 4 / HARDENER 1		
Pot Life after Mixing	3 hours (5 ) 2 hours (10 ) 1 hours (20 )		
Typical Package	20 Liter (BASE 16 L, HARDENER 4 L)		
	Package may vary from country to country.		
Japan Local Brand	NIPPON E-MARINE A/C II LT		
Flash Point	BASE 23 , HARDENER 6		
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.		

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## 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 MSDS for this product concerning health and safety information.

### < 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.