

NIPPON E-MARINE A/C II

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)			
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 ² /L (75 μm)			
Drying Time	Surface Dry	3 hours (5°C)	1 hour (20°C)	30 minutes (30°C)
	Dry Hard	16 hours (5°C)	8 hours (20°C)	6 hours (30°C)
	Full Cure	7 days (5°C)	5 days (20°C)	3 days (30°C)
Interval before Overcoating (by self)	Min.	16 hours (5°C)	8 hours (20°C)	6 hours (30°C)
	Max.	— (5°C)	— (20°C)	— (30°C)
Thinner	NIPPON MARINE THINNER 600 or NIPPON MARINE THINNER 610 (0 ~ 10%, by volume)			
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 ²	
	Brush	For touching up small areas only		
Mixing Ratio by Volume	BASE 4 / HARDENER 1			
Pot Life after Mixing	5 hours (5°C) 3 hours (20°C) 2 hours (30°C)			
Packaging	Two Packs			
Japan Local Brand	NIPPON E-MARINE A/C II			
Flash Point	BASE 23°C, HARDENER 24°C			
	【Product produced and supplied in China】 BASE 29 °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.			

Marine Paint Manual

NIPPON E-MARINE A/C II
Issue Date: January 2022 (ES)

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.

<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) For availability of product consult Nippon Paint Marine representatives.
- 4) Unit size and filled volumes can vary due to local regulations.
- 5) Store the paints in paint store.
- 6) Some regions will be supplied with NIPPON MARINE THINNER 615 instead of NIPPON MARINE THINNER 600.
- 7) Use products that comply with local regulations to clean the paint equipment.