

Marine Paint Manual

Reference No. : E 10/16

Issue Date: January 2022 (EU)

NIPPON E-MARINE A/C II (E)

A two-pack modified 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 (Product Code)*	Red Oxide (EPPV 3900)*	Black (EPPV 9105)*			
	Buff (EPPV 1501)*	Gray (EPPV 7101)*			
	Dark Gray (EPPV 7212)*				
	HARDENER (EPX1703)*				*Not colour code (See note 4)
Gloss	Flat				
Volume Solids	52 ± 2% (ISO3233:1998)				
Typical Dry Film Thickness	50 ~ 125 μm				
Approx. Wet Film Thickness	96 ~ 240 μm				
Theoretical Coverage	6.94 m ² / L (75 μm)				
Drying Time	Surface Dry	4 hours (5°C)	2 hour (20°C)	90 minutes (30°C)	
	Dry Hard	20 hours (5°C)	12 hours (20°C)	8 hours (30°C)	
	Full Cure	8 days (5°C)	7 days (20°C)	6 days (30°C)	
Interval before Overcoating (by self)	Min.	20 hours (5°C)	12 hours (20°C)	8 hours (30°C)	
	Max.	— (5°C)	— (20°C)	— (30°C)	
Thinner (Code. No.)	NIPPON MARINE THINNER 600 (VEP 46 / VEP 47) / 0 ~ 10%, by weight				
Application Method	Airless Spray	Tip range	0.48 ~ 0.59 mm (0.019" - 0.023")		
		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 19 / HARDENER 1				
Pot Life after Mixing	12 hours (5°C) 8 hours (20°C) 4 hours (30°C)				
Typical Package	20 L (BASE 19L, HARDENER 1L)				
Flash Point	25°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.				

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Generals	For commercial use only. Attention - Avoid exposure - obtain special instructions before use.
Safety	<p>Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.)</p> <p>Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapor concentrations within safe limits.</p> <p>Prior to use, obtain, consult and follow the SDS for this product concerning health and safety information.</p>

<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) This code is internal product code of NPMEU. Please be careful as it isn't colour code.