

# Marine Paint Manual

Reference No. : E 10/16

Issue Date: March 2017 (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)			
Color (Product Code)*	Red Oxide (EPPV 3900)*	Black (EPPV 9105)*		
	Buff (EPPV 1501)*	Gray (EPPV 7101)*		
	HARDENER (EPX1703)*	*Not color 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 <sup>2</sup> / 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 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 <sup>2</sup>	
	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	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) Store the paints in paint store.
- 4) This code is internal product code of NPMEU. Please be careful as it isn't color code.