

# Marine Paint Manual

Reference No. : E 10/16

Issue Date: February 2019 (EU)

## NIPPON E-MARINE FINISH (E)

A two-pack pure epoxy coating specially designed as a finish for above water hulls, decks and superstructures.

Suitable Use	Finish for boottop, topsides, decks, holds, superstructures, etc.					
Type	Pure epoxy (Two-pack)					
Color (Product Code)*	White (EPE 9010)*		Black (EPE 9005)*			
	HARDENER (EPX 1262)*		Other colors (see Note No.6)			
			*Not color code (See note 7)			
Gloss	Gloss					
Volume Solids	55 ± 2% (ISO3233:1998)					
Typical Dry Film Thickness	40 µm					
Approx. Wet Film Thickness	73 µm					
Theoretical Coverage	13.70 m <sup>2</sup> / L (40 µm)					
Drying Time	Surface Dry	8 hours (5°C)	3 hours (20°C)	2 hours (30°C)		
	Dry Hard	20 hours (5°C)	12 hours (20°C)	10 hours (30°C)		
	Full Cure	10 days (5°C)	7 days (20°C)	5 days (30°C)		
Interval before Overcoating (by self)	Min.	20 hours (5°C)	12 hours (20°C)	10 hours (30°C)		
	Max.	72 hours (5°C)	72 hours (20°C)	48 hours (30°C)		
Thinner	NIPPON MARINE THINNER 600 (VEP 47) / 0 ~ 5%, by volume					
Application Method	Airless Spray	Tip range	0.43 ~ 0.48 mm (0.017" - 0.021")			
		Fan angle	55 ~ 62°			
		Output pressure	100 ~ 150 kg / cm <sup>2</sup>			
	Brush / Roller	For touching up small areas only				
Mixing Ratio by Volume	BASE 15 / HARDENER 5					
Pot Life after Mixing	12 hours (5°C) 8 hours (20°C) 4 hours (30°C)					
Package	20L (BASE 15 L, HARDENER 5 L)					
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) At temperatures below 5°C, the coating will take longer to dry and harden.
- 3) On painted surfaces more than one year, overcoating can be applied after high pressure fresh water washing.
- 4) Use NON-SLIP SAND to produce a non-slip surface for decks and walkways.
- 5) Store the paints in paint store.
- 6) The following colours are available as our standard. (on request)
- 7) This code is internal product code of NPMEU. Please be careful as it isn't color code.