

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 ² / 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 ²				
	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	<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) 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.