

# Marine Paint Manual

Reference No. : 08 - 04

Issue Date: April 2010 (ES)

## NIPPON E-MARINE FINISH

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

<b>Suitable Use</b>	Finish for boottop, topsides, decks, holds, superstructures, etc.			
<b>Type</b>	Pure epoxy (Two-pack)			
<b>Colour</b>	White, Black, Other colours			
<b>Gloss</b>	Gloss			
<b>Volume Solids</b>	63 ± 2% (ISO3233:1998)			
<b>Typical Dry Film Thickness</b>	35 ~ 50 µm			
<b>Approx. Wet Film Thickness</b>	56 ~ 79 µm			
<b>Theoretical Coverage</b>	15.75 m <sup>2</sup> / L (40 µm)			
<b>Drying Time</b>	Surface Dry	2 hours (5°C)	1 hour (20°C)	40 minutes (30°C)
	Dry Hard	30 hours (5°C)	15 hours (20°C)	10 hours (30°C)
	Full Cure	14 days (5°C)	7 days (20°C)	5 days (30°C)
<b>Interval before Overcoating (by self)</b>	Min.	32 hours (5°C)	16 hours (20°C)	10 hours (30°C)
	Max.	6 months	4 months	4 months
<b>Thinner</b>	NIPPON MARINE THINNER 600 ( 0 ~ 5%, by weight )			
<b>Application Method</b>	Airless Spray	Tip range	0.48 mm	
		Fan range	55 ~ 62°	
		Output pressure	100 ~ 150 kg / cm <sup>2</sup>	
	Brush / Roller	For touching up small areas only		
<b>Mixing Ratio by Volume</b>	BASE 75 / HARDENER 25			
<b>Pot Life after Mixing</b>	16 hours (5°C) 8 hours (20°C) 5 hours (30°C)			
<b>Package</b>	18L (BASE 13.5 HARDENER 4.5L)			
	Package may vary from country to country.			
<b>Japan Local Brand</b>	NIPPE EPOXY FINISH			
<b>Flash Point</b>	BASE 6°C	HARDENER 6°C		
<b>Surface Preparation</b>	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.			
<b>Safety</b>	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 vapour concentrations within safe limits. Prior to use, obtain, consult and follow the MSDS for this product concerning health and safety information.			



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## < 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) For new buildings, NIPPON E-MARINE FINISH M can be used as an interval-free system together with NIPPON E-MARINE PRIMER.
- 5) Use Non-SLIP SAND to produce a non-slip surface for decks and walkways.
- 6) Store the paints in paint store.