

# Marine Paint Manual

Reference No. : 08 - 04  
Issue Date: July 2015 (ES)

## NIPPON E-MARINE FINISH

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	White, Black, Other colors					
Gloss	Gloss					
Volume Solids	63 ± 2% (ISO3233:1998)					
Typical Dry Film Thickness	35 ~ 50 μm					
Approx. Wet Film Thickness	56 ~ 79 μm					
Theoretical Coverage	15.75 m <sup>2</sup> / L (40 μm)					
Drying Time	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)		
Interval before Overcoating ( by self )	Min.	32 hours (5°C)	16 hours (20°C)	10 hours (30°C)		
	Max.	6 months (5°C)	4 months (20°C)	4 months (30°C)		
Thinner	NIPPON MARINE THINNER 600 ( 0 ~ 5%, by weight )					
Application Method	Airless Spray	Tip range	0.48 mm			
		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 75 / HARDENER 25					
Pot Life after Mixing	16 hours (5°C)		8 hours (20°C)		5 hours (30°C)	
Package	18L (BASE 13.5L, HARDENER 4.5L)					
	Package may vary from country to country.					
Japan Local Brand	NIPPE EPOXY FINISH					
Flash Point	BASE 6 °C, HARDENER 6 °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.					
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.					

---

---

# Marine Paint Manual

IPPON E-MARINE FINISH

Issue Date: July 2015 (ES)

<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 newbuildings, 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.