

Marine Paint Manual

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NIPPON E-MARINE CREW

A flexible, surface tolerant multipurpose epoxy paint for maintenance and repair of exposed decks, exterior of superstructure, cargo holds, etc. It provides both properties of anti-corrosive and finish. Applicable to hand tool-cleaned surfaces as well as directly over existing coatings. Considering onboard maintenance by the crew, it is designed as paint materials suitable for brush/roller application.

Suitable Use	Decks, holds, superstructures, etc.		
Type	Pure epoxy (Two-pack)		
Color	White, Red Oxide, 060 Gray, 225 Green		
Gloss	Matt		
Volume Solids	61 ± 2% (ISO3233:1998)		
Typical Dry Film Thickness	75 ~ 100 μm		
Approx. Wet Film Thickness	123 ~ 164 μm		
Theoretical Coverage	8.13 m ² / L (75 μm)		
Drying Time	Surface Dry	6 hours (5°C) 2 ¹ / ₂ hours (20°C)	40 minutes (30°C)
	Dry Hard	8 hours (5°C) 4 hours (20°C)	2 hours (30°C)
Interval before Overcoating (by self)	Min.	12 hours (5°C) 5 hours (20°C)	3 hours (30°C)
	Max.	30 days (5°C) 30 days (20°C)	30 days (30°C)
Thinner	NIPPON MARINE THINNER 600 (0 ~ 5%, by volume)		
Application Method	Brush / Roller		
	Airless Spray	Tip range	0.48 mm
		Fan angle	55 ~ 62°
		Output pressure	100 ~ 150 kg / cm ²
Mixing Ratio by Volume	BASE 78.3 / HARDENER 21.7		
Pot Life after Mixing	4 hours (5°C) 2 hours (20°C) 1 hour (30°C)		
Package	16L (BASE 12.5L, HARDENER 3.5L)		
	Package may vary from country to country.		
Flash Point	BASE 25 °C, HARDENER 26 °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.		

<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) Use NON-SLIP SAND to produce a non-slip surface for decks and walkways.
- 4) Store the paints in paint store.