

Marine Paint Manual

Reference No. : 08 - 10

Issue Date: February 2019 (EU)

NIPPON E-MARINE CREW (E)

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)					
Colour	White	(EPECR 9010)*	060 Grey	(EPECR 7101)*		
	Red Oxide	(EPECR 3900)*	225 Green	(EPECR 6002)*		
	Hardener	(EPX 1262)*	*Not color code (See note 5)			
Gloss	Matt					
Volume Solids	53 ± 2% (ISO3233:1998)					
Typical Dry Film Thickness	75 ~ 100 µm					
Approx. Wet Film Thickness	142 ~ 189 µm					
Theoretical Coverage	7.04 m ² / L (75 µm)					
Drying Time	Surface Dry	10 hours (5°C)	6 hours (20°C)	2 hours (30°C)		
	Dry Hard	24 hours (5°C)	12 hours (20°C)	6 hours (30°C)		
Interval before Overcoating (by self)	Min.	24 hours (5°C)	12 hours (20°C)	6 hours (30°C)		
	Max.	14 days (5°C)	7 days (20°C)	5 days (30°C)		
Thinner	NIPPON MARINE THINNER 600 (VEP 46 or 47) / 0 ~ 5%, by volume					
Application Method	Brush / Roller					
	Airless Spray	Tip range	0.43 - 0.53 mm (0.017" - 0.021")			
		Fan angle	55 ~ 62°			
Output pressure	150 ~ 200 kg / cm ²					
Mixing Ratio by Volume	BASE 3 / HARDENER 1					
Pot Life after Mixing	8 hours (5°C) 6 hours (20°C) 4 hour (30°C)					
Package	20L (BASE 15L, HARDENER 5L)					
Flash Point	BASE 25 °C, HARDENER 27 °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.					
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.					

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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) Use NON-SLIP SAND to produce a non-slip surface for decks and walkways.
- 4) Store the paints in paint store.
- 5) This code is internal product code of Nippon Paint Marine. Please be careful as it is not colour code.