

Marine Paint Manual

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NIPPON E-MARINE MAX

A flexible, surface-tolerant epoxy paint that is used for general onboard maintenance, touch up and repair work on exposed decks, exterior of superstructure, topsides, hatch covers, cargo holds and etc.

E-MARINE MAX provides both anticorrosive properties and a finish. It can be used as a primer and finish coat or as a single coat system; depending on dry film thickness (DFT) requirement and application area. Easy application with a brush or roller.

Suitable Use	Anticorrosive for decks, holds, superstructures, etc.						
Type	Epoxy (Abrasion resistant / High build)(Two-pack)						
Color	445 Red oxide, 060 Gray, 442 Green, 000 White						
Gloss	Flat						
Volume Solids	58 ± 2% (ISO3233:1998)						
Typical Dry Film Thickness	75 ~ 100 μm						
Approx. Wet Film Thickness	134 ~ 179 μm						
Theoretical Coverage	7.73 m²/ L (75 μm)						
Drying Time	Surface Dry	6 hours	(5°C)	2.5 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)
VOC Values	470 g / L as supplied						
Thinner	NIPPON MARINE THINNER 615						
Application Method	Brush / Roller : Suitable						
	Airless Spray : Applicable						
	Tip range		0.48 mm				
	Fan angle		55 ~ 62°				
	Output pressure		100 ~ 150 kg / cm²				
Mixing Ratio by Volume	BASE 5.5 / HARDENER 1						
Pot Life after Mixing	5 hours (5°C) 3 hours (20°C) 1.5 hour (30°C)						
Package	Two Packs - 16L (BASE 13.5L, HARDENER 2.5L)						
Flash Point	BASE 22 °C, HARDENER 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.						
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) For availability of product consult Nippon Paint Marine representatives.
- 4) Unit size and filled volumes can vary due to local regulations.
- 5) Store the paints in paint store.
- 6) Some regions will be supplied with NIPPON MARINE THINNER 600 instead of NIPPON MARINE THINNER 615.
- 7) Use products that comply with local regulations to clean the paint equipment.
- 8) The Application Guide offers product details and recommended practices for the use of the product.
- 9) Refer to Nippon Paint Marine Global Colour Cards and contact local Nippon Paint Marine representative for colour availability & customisation.