

Marine Paint Manual

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Issue Date: July 2019 (ES)

NIPPON E-MARINE 800

NIPPON E-MARINE 800 is an abrasion resistant epoxy anticorrosive. With excellent resistance to water / seawater, it can be used for not only above water areas but also outer hull. This multipurpose anticorrosive primer enables unlimited intervals for by-self coating, and for various kinds of finishes in above water areas.

Suitable Use	Anticorrosive for outer hull (including boottop and topsides), decks, superstructure, cargo holds, etc.						
Type	Epoxy (Abrasion resistant / High build / Two-pack)						
Color	Gray, Red oxide						
Gloss	Flat						
Volume Solids	63 ± 2% (ISO3233:1998)						
Dry Film Thickness	125 ~ 250 μm						
Approx. Wet Film Thickness	198 ~ 397 μm						
Theoretical Coverage	3.60 m²/L (175 μm)						
Drying Time	Surface Dry	2 hours	(5°C)	1 hour	(20°C)	1 hour	(30°C)
	Dry Hard	30 hours	(5°C)	16 hours	(20°C)	10 hours	(30°C)
Interval before Overcoating (by self)	Min.	32 hours	(5°C)	16 hours	(20°C)	12 hours	(30°C)
	Max.	—	(5°C)	—	(20°C)	—	(30°C)
Thinner	NIPPON MARINE THINNER 600 (0 ~ 10%, by volume)						
Application Method	Airless Spray	Tip range	0.53 ~ 0.64 mm				
		Fan angle	45° ~ 60°				
		(For T/U)	30°				
		Output pressure	150 ~ 200 kg/cm²				
	Brush / Roller	For touching up small areas only					
Mixing Ratio by Volume	BASE 3.85 / HARDENER 1						
Pot Life After Mixing	6 hours (5°C) 4 hours (20°C) 3 hours (30°C)						
Packaging	Two Packs						
Japan Local Brand	EPOMITY 800						
Flash Point	BASE 14°C, HARDENER 6°C						
Surface Preparation	Blast cleaned to ISO-Sa 2 ¹ / ₂ or power tool cleaned to St 3 is recommended.						

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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) Prior to overcoating, remove heavily chalked layer, salt contamination, etc. by fresh water washing.
- 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.