

Marine Paint Manual

Reference No. 06 - 01

Issue Date: July 2019 (ES)

NIPPON E-MARINE PRIMER

A two-pack pure epoxy resin based anticorrosive paint which provides excellent resistance to water and chemicals. Up to 150 µm can be applied with a single coat. There is no maximum limit in the interval of by-self overcoating.

Suitable Use	Anticorrosive primer for boottop, topsides, decks, holds, superstructure, etc.						
Type	Pure epoxy (Two-pack)						
Color	Red, Gray						
Gloss	Flat						
Volume Solids	60 ± 2% (ISO3233:1998)						
Typical Dry Film Thickness	75 ~ 150 μm						
Approx. Wet Film Thickness	125 ~ 250 μm						
Theoretical Coverage	6.00 m²/L (100 μm)						
Drying Time	Surface Dry	2 hours	(5°C)	1 hour	(20°C)	40 minutes	(30°C)
	Dry Hard	16 hours	(5°C)	7 hours	(20°C)	4 hours	(30°C)
	Full Cure	10 days	(5°C)	5 days	(20°C)	4 days	(30°C)
Interval before Overcoating (by self)	Min.	18 hours	(5°C)	10 hours	(20°C)	7 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	0.48 ~ 0.59 mm				
		Fan angle	55° ~ 62°				
		(For T/U)	30°				
	Brush	For touching up small areas only					
Mixing Ratio by Volume	BASE 3.25 / HARDENER 1						
Pot Life after Mixing	7 hours (5°C) 5 hours (20°C) 3 hours (30°C)						
Packaging	Two Packs						
Japan Local Brand	NIPPE EPOXY PRIMER M						
Flash Point	BASE 24°C, HARDENER 22°C						
Surface Preparation	Blast cleaned to ISO-Sa 2 ¹ / ₂ or power tool cleaned to St 3 is recommended.						
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, it will take longer to dry and harden.
- 3) If dusting may occur during application at high temperatures, use NIPPON MARINE THINNER 650.
- 4) For availability of product consult Nippon Paint Marine representatives.
- 5) Unit size and filled volumes can vary due to local regulations.
- 6) Store the paints in paint store.