

Marine Paint Manual

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NIPPON E-MARINE PRIMER GALVA

A two-pack epoxy paint which can be directly applied to nonferrous metal surface (aluminum, galvanized steel, stainless steel and alloy). With excellent adhesion and resistance to water, it can be overcoated with various kinds of finishes.

Suitable Use	Primer for nonferrous metal surface (galvanized, aluminum, and stainless)			
Type	Pure epoxy (Two-pack)			
Color	White			
Gloss	Flat			
Volume Solids	52 ± 2 % (ISO3233:1998)			
Typical Dry Film Thickness	20 ~ 40 μm			
Approx. Wet Film Thickness	39 ~ 77 μm			
Theoretical Coverage	17.33 m ² / L (30 μm)			
Drying Time	Surface Dry	30 minutes (5°C)	10 minutes (20°C)	5 minutes (30°C)
	Dry Hard	8 hours (5°C)	4 hours (20°C)	3 hours (30°C)
	Full Cure	14 days (5°C)	7 days (20°C)	5 days (30°C)
Interval before Overcoating (by self)	Min.	8 hours (5°C)	4 hours (20°C)	3 hours (30°C)
	Max.	— (5°C)	— (20°C)	— (30°C)
Thinner	NIPPON MARINE THINNER 600 (0 ~ 5%, by weight)			
Application Method	Airless Spray	Tip range	0.48 mm	
		Fan angle	55 ~ 69°	
		Output pressure	100 ~ 150 kg / cm ²	
Mixing Ratio by Volume	BASE 6.2 / HARDENER 1			
Pot Life after Mixing	18 hours (5°C)	8 hours (20°C)	5 hour (30°C)	
Typical Package	18L (BASE 15.5L, HARDENER 2.5L)			
	Package may vary from country to country.			
Japan Local Brand	NIPPON E-MARINE PRIMER GALVA			
Flash Point	BASE 23 °C, HARDENER 23 °C			
Surface Preparation	For non ferrous surface, solvent cleaning is recommended. For rusted part on ferrous surface, power tool cleaned to ISO-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 temperature below 5°C, it will take longer to dry and harden.
- 3) Consult Nippon Paint Marine Coatings in advance when polyurethane paint is overcoated.
- 4) It is applicable to steel substrate.
- 5) Store the paints in paint store.