

Marine Paint Manual

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Issue Date: February 2017 (EU)

NIPPON E-MARINE PRIMER GALVA (E)

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 (Product Code)*	Gray (EPAS 7101)*	light ivory (EPAS 1502)*	
	HARDENER (EPX 1703)*	*Not color code (See note 6)	
Gloss	Flat		
Volume Solids	43 ± 2 % (ISO3233:1998)		
Typical Dry Film Thickness	60 µm		
Approx. Wet Film Thickness	140 µm		
Theoretical Coverage	7.15 m ² / L (60 µm)		
Drying Time	Surface Dry	4 hours (5°C) 2 hours (20°C) 90 minutes (30°C)	
	Dry Hard	24 hours (5°C) 12 hours (20°C) 8 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.	4 months (5°C) 3 months (20°C) 2 months (30°C)	
Thinner (Code. No.)	NIPPON MARINE THINNER 600 (VEP 47) / 0 ~ 10%, by weight		
Application Method	Airless Spray	Tip range	0.43 ~ 0.53 mm (0.017" - 0.021")
		Fan angle	55 ~ 69°
		Output pressure	100 ~ 150 kg / cm ²
Mixing Ratio by Volume	BASE 16.5 / HARDENER 3.5		
Pot Life after Mixing	12 hours (5°C)	8 hours (20°C)	4 hour (30°C)
Typical Package	20L (BASE 16.5 L, HARDENER 3.5 L)		
Flash Point	25 °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.		
Generals	For commercial use only. Attention - Avoid exposure - obtain special instructions before use.		

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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) 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.
- 6) This code is internal product code of NPMEU. Please be careful as it isn't color code.