

Marine Paint Manual

Reference No. : 09 - 03

Issue Date: February 2019 (EU)

NIPPON U-MARINE CREW (E)

A polyurethane finish paint with excellent weathering resistance and gloss retention. Considering onboard maintenance by the crew, it is designed as paint materials suitable for brush/roller application.

Suitable Use	Finish for superstructures						
Type	Polyurethane (High build / Two-pack)						
Color	White	(FAECR 9010)*			Hardener	(FAX 1541)	
	*Not color code (See note 3)						
Gloss	Gloss						
Volume Solids	42 ± 2% (ISO3233:1998)						
Typical Dry Film Thickness	25 ~ 50 µm						
Approx. Wet Film Thickness	60 ~ 119 µm						
Theoretical Coverage	14 m²/ L (30 µm)						
Drying Time	Surface Dry	4 hoysrs	(5°C)	2 hours	(20°C)	1 hours	(30°C)
	Dry Hard	20 hours	(5°C)	12 hours	(20°C)	8 hours	(30°C)
Interval before Overcoating	Min.	20 hours	(5°C)	12 hours	(20°C)	8 hours	(30°C)
(by self)	Max.	—	(5°C)	—	(20°C)	—	(30°C)
Thinner	NIPPON MARINE THINNER 700 (VFE 35) / 5 ~ 15%, by volume						
Application Method	Brush / Roller						
	Airless Spray	Tip range	0.38 ~ 0.48 mm (0.015" - 0.019")				
		Fan angle	55° ~ 60°				
		Output pressure	120 ~ 150 kg / cm²				
Mixing Ratio by Volume	BASE 5 / HARDENER 1						
Pot Life after Mixing	8 hours (5°C)	6 hours (20°C)	4 hours (30°C)				
Typical Package	20 Liter (BASE 16.7 L, HARDENER 3.3 L)						
Flash Point	BASE 27 °C, HARDENER 28 °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.						
Generals	For commercial use only. Attention - Avoid exposure - obtain special instructions before use.						
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) Store the paints in paint store.
- 3) This code is internal product code of Nippon Paint Marine. Please be careful as it is not color code.