



# Marine Paint Manual

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## NIPPON U-MARINE CREW

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						
Gloss	Gloss						
Volume Solids	52 ± 2% (ISO3233:1998)						
Typical Dry Film Thickness	25 ~ 50 μm						
Approx. Wet Film Thickness	48 ~ 96 μm						
Theoretical Coverage	13 m²/ L (40 μm)						
Drying Time	Surface Dry	50 minutes (5°C)	40 minutes (20°C)	20 minutes (30°C)			
	Dry Hard	18 hours (5°C)	10 hours (20°C)	6 hours (30°C)			
Interval before Overcoating ( by self )	Min.	18 hours (5°C)	10 hours (20°C)	8 hours (30°C)			
	Max.	— (5°C)	— (20°C)	— (30°C)			
Thinner	NIPPON MARINE THINNER 700 ( 5 ~ 15%, by volume )						
Application Method	Brush / Roller : Suitable						
	Airless Spray : Applicable						
	Tip range		0.38 ~ 0.48 mm				
	Fan angle		55° ~ 60°				
	Output pressure		120 ~ 150 kg / cm²				
Mixing Ratio by Volume	BASE 6.24 / HARDENER 1						
Pot Life after Mixing	10 hours (5°C)	5 hours (20°C)	3 hours (30°C)				
Packaging	Two Packs						
Flash Point	BASE 34 °C, HARDENER 28 °C (Internal investigation)						
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.						
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) For availability of product consult Nippon Paint Marine representatives.
- 3) Unit size and filled volumes can vary due to local regulations.
- 4) Store the paints in paint store.