

Marine Paint Manual

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NIPPON PX-MARINE FINISH

High solid, two pack hybrid finish based on epoxy / silicone resin without isocyanates with excellent durability against solvents, chemicals, salt and other impurities. It provides improved gloss and colour retention as well as excellent mechanical properties.

Suitable Use	Finish for topsides ,superstructures, etc.					
Type	Polysiloxane					
Color	White					
Gloss	Gloss					
Volume Solids	80 ± 2% (ISO3233:1998)					
Typical Dry Film Thickness	60 ~ 100 μm					
Approx. Wet Film Thickness	75 ~ 125 μm					
Theoretical Coverage	13.3 m²/ L (60 μm)					
Drying Time	Surface Dry	6 hours (5°C)	3 hour (20°C)	2 hours (30°C)		
	Dry Hard	8 hours (5°C)	5 hours (20°C)	4 hours (30°C)		
Interval before Overcoating (by self : Immersed area)	Min.	8 hours (5°C)	5 hours (20°C)	4 hours (30°C)		
	Max.	- (5°C)	- (20°C)	- (30°C)		
Thinner	NIPPON MARINE THINNER 800 (0 ~ 10%, by volume)					
Application Method	Airless Spray	Tip range	0.48 ~ 0.53 mm			
		Fan angle	55° ~ 69°			
		Output pressure	100 ~ 150 kg / cm²			
	Brush	For touching up small areas only				
Mixing Ratio by Volume	BASE 14 / HARDENER 6					
Pot Life after Mixing	4 hours (20°C)					
Packaging	Two Packs					
Japan Local Brand	NIPPON PX-MARINE FINISH					
Flash Point	BASE 25 °C, HARDENER 27 °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.					
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) For availability of product consult Nippon Paint Marine representatives.
- 2) Unit size and filled volumes can vary due to local regulations.
- 3) Store the paints in paint store.