

# Marine Paint Manual

Reference No. : 03-01CN

Issue Date: June 2020

## NIPPON A-MARINE FINISH H

A high solid acrylic based finish with good weathering resistance and workability. It satisfies regulation value in the "Limit of harmful substances of marine coatings" (GB 38469 2019) issued by People's Republic of China.

Suitable Use	Finish for boottop, topsides, decks, superstructures, etc.		
Type	Acrylic		
Color	White, Black, 445 Red Oxide, Gray*, Cream*, Blue*, Green*, Other colors (see Note 3)		
Gloss	Semi-gloss		
Volume Solids	50 ± 2% (ISO3233:1998)		
Typical Dry Film Thickness	30 ~ 50 µm		
Approx. Wet Film Thickness	60 ~ 100 µm		
Theoretical Coverage	14.29 m <sup>2</sup> / L (35 µm)		
Drying Time	Surface Dry	40 minutes (5°C)	20 minutes (20°C) 15 minutes (30°C)
	Dry Hard	2 hours (5°C)	1 hour (20°C) 30 minutes (30°C)
Interval before Overcoating ( by self )	Min.	6 hours (5°C)	3 hours (20°C) 2 hours (30°C)
	Max.	— (5°C)	— (20°C) — (30°C)
VOC Values	470 g / L as supplied		
Cleaning Thinner	NIPPON MARINE THINNER 200 Thinning is not normally required. Consult the local representative for advice during application in extreme conditions.		
Application Method	Airless Spray	Tip range	0.43 ~ 0.48 mm
		Fan angle	55 ~ 69°
		Output pressure	100 ~ 150 kg / cm <sup>2</sup>
	Brush	For touching up small areas only	
Package	20L		
Japan Local Brand	NIPPON A-MARINE FINISH H		
Flash Point	31 °C (ISO3679:2015)		
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) 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) Chlorinated rubber paints should not be applied on top of A-marine finish.
- 3) The following colours are available as our standard.  
Gray : 070, 065, 060, 055, 050, 040    Cream : 332, 335  
Blue : 606, 808, 837    Green : 442, 505, 535, 225
- 4) VOC values may be subject to variation depending on factors such as differences in color and normal manufacturing tolerances.
- 5) NIPPON A-MARINE FINISH H is supplied only in China.
- 6) Store the paints in paint store.