

Marine Paint Manual

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NOA 10 F Rheo

An abrasion resistant epoxy anticorrosive designed using Rheological Control Technology, derived from our automotive coatings. Rheological control assists in forming an ultra-smooth coated surface. The product can be specified for above and below water areas. The coating is distinguished by its unique and patented Self-Indicating (SI) technology that enables the applicator to visually confirm that the correct film thickness has been applied by checking the color development during the application process. The full color is realized only when the correct dry film thickness has been applied, therefore any areas of low film thickness can easily be detected by visual inspection. To enhance surface smoothness and to provide unlimited overcoating, the use of NOA A/C II Rheo is recommended as a tie-coat.

Suitable Use	Anticorrosive for outer hull (including boottop and topsides), decks, superstructure, cargo holds, void spaces, etc.					
Type	Epoxy (Abrasion resistant / High build / Two-pack)					
Color	Buff					
Gloss	Flat					
Volume Solids	63 ± 2% (ISO3233:1998)					
Dry Film Thickness	125 ~ 250 μm					
Approx. Wet Film Thickness	198 ~ 397 μm					
Theoretical Coverage	3.60 m ² / L (175 μm)					
Drying Time	Surface Dry	2 hours (5°C)	1 hour (20°C)	1 hour (30°C)		
	Dry Hard	30 hours (5°C)	16 hours (20°C)	10 hours (30°C)		
	(for LT HARDENER)					
	Surface Dry	2 hours (5°C)	1 hour (10°C)	1 hour (20°C)		
	Dry Hard	20 hours (5°C)	16 hours (10°C)	12 hours (20°C)		
Interval before Overcoating (by self)	Min.	32 hours (5°C)	16 hours (20°C)	12 hours (30°C)		
	Max.	— (5°C)	— (20°C)	— (30°C)		
	(for LT HARDENER)					
	Min.	20 hours (5°C)	16 hours (10°C)	12 hours (20°C)		
	Max.	— (5°C)	— (10°C)	— (20°C)		
Thinner	NIPPON MARINE THINNER 600 (0 ~ 10%, by weight)					
Application Method	Airless Spray	Tip range	0.64 ~ 0.74 mm			
		Fan angle	45° ~ 54°			
		(For T/U)	30°			
		Output pressure	150 ~ 200 kg / cm ²			
	Brush / Roller	For touching up small areas only				
Mixing Ratio by Volume	BASE 3.85 / HARDENER 1					

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Pot Life After Mixing	6 hours (5°C) 4 hours (20°C) 3 hours (30°C) (for LT HARDENER) 3 hours (5°C) 2 hours (10°C) 1 hour (20°C)
Typical Package	16 L (BASE 12.7 L, HARDENER 3.3 L) Package may vary from country to country.
Japan Local Brand	NOA 10 F Rheo
Flash Point	BASE 14 °C, HARDENER 6 °C
Surface Preparation	Blast cleaned to ISO-Sa 2 ¹ / ₂ or power tool cleaned to St 3 is recommended.
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) Prior to overcoating, remove heavily chalked layer, salt contamination, etc. by fresh water washing.
- 3) Two types of the hardener are available for Summer version and Winter version.
- 4) Store the paints in paint store.