

Marine Paint Manual

Reference No. : 14 - 16

Issue Date: March 2013 (ES)

NOA A/C Rheo

A high build, abrasion-resistant two-pack epoxy tiecoat anticorrosive designed with Rheological Control Technology, derived from our automotive coatings. Rheological control assists in forming an ultra-smooth coated surface.

Combined with NOA 10 F Rheo, the system provides a super-flat and smooth film and excellent adhesion to various kinds of antifoulings and finishes (chlorinated rubber, acrylic, epoxy, polyurethanes, etc.)

Suitable Use	Anticorrosive for outer hull (including boottop and topsides), decks, superstructure, etc.		
Type	Epoxy (Two-pack)		
Color	Gray		
Gloss	Flat		
Volume Solids	63 ± 2% (ISO3233:1998)		
Typical Dry Film Thickness	50 ~ 125 μm		
Approx. Wet Film Thickness	79 ~ 198 μm		
Theoretical Coverage	8.40 m ² / L (75 μm)		
Drying Time	Surface Dry	2 hours (5)	1 hour (20) 1 hour (30)
	Dry Hard	30 hours (5)	16 hours (20) 10 hours (30)
	Full Cure	14 days (5)	7 days (20) 5 days (30)
* NOA A/C II LT - Rheo is available for low temperature.			
Interval before Overcoating (by self)	Min.	32 hours (5)	16 hours (20) 12 hours (30)
	Max.	— (5)	— (20) — (30)
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 4.16 / HARDENER 1		
Pot Life after Mixing	6 hours (5) 4 hours (20) 3 hours (30)		
Typical Package	16 L (BASE 12.9 L, HARDENER 3.1 L)		
	Package may vary from country to country.		
Japan Local Brand	NOA A/C Rheo		
Flash Point	BASE 14 , HARDENER 6		
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.		

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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 MSDS 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) Store the paints in paint store.