

# Marine Paint Manual

Reference No. : E 10/16

Issue Date: January 2017 (EU)

## NOA 10F Rheo (E)

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. It can be overcoated with various kinds of finishes. The coating is distinguished by its unique and patented SI (Self-Indicating) technology that enables the applicator to visually confirm the correct thickness has been applied by checking the colour development during application process. The full Buff colour is realized only when the correct DFT has been applied, therefore any areas of low film thickness can easily be detected by visual inspection. To enhance surface smoothness, the use of NOA A/C II Rheo is recommended as a tie-coat.

Suitable Use	Multi-purpose anticorrosive (underwater hulls, boottop, topsides, decks, holds, etc.)			
Type	Epoxy (Abrasion resistant / High build / Two-pack)			
Colour (Product Code)*	Buff	(ERCD 1605)*	*Not color code (See note 4)	
	HARDENER	(ERX 1655)*	winter typeε(ERX1755)*	
Gloss	Semi-gloss			
Volume Solids	75 ± 2% (ISO3233:1998)			
Typical Dry Film Thickness	125 ~ 250 μm			
Approx. Wet Film Thickness	167 ~ 333 μm			
Theoretical Coverage	4.29 m <sup>2</sup> / L (175 μm)			
Drying Time	Surface Dry	16 hours (5°C)	6 hour (20°C)	4 hours (30°C)
	Dry Hard	24 hours (5°C)	12 hours (20°C)	10 hours (30°C)
	Full Cure	30 days (5°C)	14 days (20°C)	10 days (30°C)
Interval before Overcoating	Min.	24 hours (5°C)	12 hours (20°C)	10 hours (30°C)
	Max.	30 days (5°C)	14 days (20°C)	10 days (30°C)
Thinner (Code. No.)	NIPPON MARINE THINNER 600 (VEP 47) / 0 ~ 10%, by weight			
Application Method	Airless Spray	Tip range	0.48 ~ 0.59 mm (0.019" - 0.023)	
		Fan angle	55° ~ 62°	
		( For T/U )	30°	
		Output pressure	150 ~ 200 kg / cm <sup>2</sup>	
	Brush	For touching up small areas only		
Mixing Ratio by Volume	BASE 16 / HARDENER 4			
Pot Life after Mixing	6 hours (5°C) 4 hours (20 °C) 3 hours (30°C)			
Typical Package	20L (BASE 16L, HARDENER 4L)			
Flash Point	25°C			
Surface Preparation	Blast cleaned to ISO-Sa 2.5 or power tool cleaned to ISO-St 3. is recommended.			

# Marine Paint Manual

NOA 10F Rheo (E)

Issue Date: January 2017 (EU)

Generals	For commercial use only. Attention - Avoid exposure - obtain special instructions before use.
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 vapour 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) At temperatures below 5°C, it will take longer to dry and harden.
- 3) Store the paints in paint store.
- 4) This code is internal product code of NPMEU. Please be careful as it isn't color code.