👩 NIPPON PAINT MARINE

Marine Paint Manual

Reference No. : E 10/16 Issue Date: February 2019 (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 Colour (Product Code)*	Epoxy (Abrasio Buff HARDENER	n resistant / High b (ERCD 1605)* (ERX 1655)*		ouild / Two-pack) *Not color code (See note 4) winter type (ERX1755)*					
Gloss Volume Solids Typical Dry Film Thickness	Semi-gloss 75 ± 2% (ISO3233:1998) 125 ~ 250 μm								
Approx. Wet Film Thickness Theoretical Coverage Drying Time	167 ~ 333 μm 4.29 m²/ L (175 μm) Surface Dry 16 hours (5°C) 6 hour (20°C) 4 hours (30					(30°C)			
Drying Time	Dry Hard Full Cure	24 hours 30 days	(5°C) (5°C)	12	hours days	(20°C) (20°C) (20°C)	10 hours 10 days	(30°C) (30°C)	
Interval before Overcoating	Min. Max.	24 hours 30 days	(5°C) (5°C)	12	hours days	(20°C) (20°C)	10 hours 10 days	(30°C) (30°C)	
Thinner (Code. No.)	NIPPON MARINE THINNER 600 (VEP 46 / VEP 47) / 0 ~ 10%, by weight								
Application Method	Airless Spray	ss Spray Tip range			0.48 ~ 0.59 mm (0.019" - 0.023)				
		Fan ai	Fan angle (For T/U)		55° ~ 62°				
		(For T			30°				
		Output pressure		ure	150 ~ 200 kg / cm²				
	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 is recommende		5 or pov	wer to	ol clea	ned to ISC)-St 3.		

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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.

<<u>Note</u>>

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.