

Marine Paint Manual

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Issue Date: March 2014 (ES)

NOA PC

A two-pack pure epoxy designed for petroleum and chemical product tanks. It offers superior resistance to petroleum products, solvents, water and chemical attack.

1st Buff color is characterized by Self Indicating (SI) technology, which enables a painter to visually judge if the correct film thickness (wet / dry) has been achieved during the application process and after the completion of painting. Two coat system with SI paint (1st coat) plus non-SI paint (2nd coat) is recommended.

Suitable Use	Product Carriers, Tanks for petroleum products		
Type	Pure epoxy (Two-pack)		
Color	1 st coat : Buff		
	2 nd coat : Gray (Non-SI)		
Gloss	Semi-gloss		
Volume Solids	65 ± 2% (ISO3233:1998)		
Dry Film Thickness	125 ~ 300 μm		
Approx. Wet Film Thickness	192 ~ 462 μm		
Theoretical Coverage	5.20 m ² / L (125 μm)		
Drying Time	Surface Dry	3 1/2 hours (5°C)	1 1/2 hours (20°C) 40 minutes (30°C)
	Dry Hard	36 hours (5°C)	16 hours (20°C) 10 hours (30°C)
Interval before Overcoating (by self)	Min.	36 hours (5°C)	16 hours (20°C) 10 hours (30°C)
	Max.	10 days (5°C)	7 days (20°C) 5 days (30°C)
Thinner	NIPPON MARINE THINNER 600 (0 ~ 5%, by weight)		
Application Method	Airless Spray	Tip range	0.48 ~ 0.53 mm
		Fan angle	45 ~ 60°
		(T/U)	30°
		Output pressure	150 ~ 200 kg / cm ²
	Brush	For touching up small areas only	
Mixing Ratio by Volume	BASE 3.57 / HARDENER 1		
Pot Life after Mixing	5 hours (5°C)	3 hours (20°C)	2 1/2 hours (30°C)
Typical Package	16L (BASE 12.5L, HARDENER 3.5L)		
	Package may vary from country to country.		
Japan Local Brand	NIPPE EPOXY PC NOA		
Flash Point	BASE 14 °C, HARDENER 6 °C		
Surface Preparation	Blast cleaned to ISO-Sa 2.5 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 MSDS 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) Apply this paint immediately after sandblasting. Before painting, the areas where corroded, welded and burnt should be carefully treated with sandblasting, shotblasting, or a disc sander or a power brush.
- 3) If half-dried painted surface is subjected to rain or dew, blooming or sweating may occur, with the surface turned to white. Rub the area lightly with a wire brush before painting.
- 4) For the applications, refer to our "Suitability Table of Cargoes for Loading" and "Application Manual of NOA PC System".
- 5) Store the paints in paint store.