

## Marine Paint Manual

Reference No. : 14 - 12

Issue Date: July 2019 (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.

1<sup>st</sup> 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 (1<sup>st</sup> coat) plus non-SI paint (2<sup>nd</sup> coat) is recommended.

Suitable Use	Product Carriers, Tanks for petroleum products					
Type	Pure epoxy (Two-pack)					
Color	1 <sup>st</sup> coat : Buff					
	2 <sup>nd</sup> 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 <sup>2</sup> / L (125 μm)					
Drying Time	Surface Dry	3 <sup>1</sup> / <sub>2</sub> hours (5°C)	1 <sup>1</sup> / <sub>2</sub> 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 volume )					
Application Method	Airless Spray	Tip range	0.48 ~ 0.53 mm			
		Fan angle	45 ~ 60°			
		( T/U )	30°			
		Output pressure	150 ~ 200 kg / cm <sup>2</sup>			
		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 <sup>1</sup> / <sub>2</sub> hours (30°C)		
Packaging	Two Packs					
Japan Local Brand	NIPPE EPOXY PC NOA					
Flash Point	BASE 14 °C, HARDENER 6 °C					

Surface Preparation      Blast cleaned to ISO-Sa 2 1/2 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.

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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) For availability of product consult Nippon Paint Marine representatives.
- 6) Unit size and filled volumes can vary due to local regulations.
- 7) Store the paints in paint store.