

# Marine Paint Manual

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## NOA PC 300 PRIMER

A two-pack phenol / novolac epoxy designed for cargo oil tanks loaded with chemical products. It offers superior resistance to chemicals, solvents and sea water, durability with methanol and EDC, excellent high-build applicability, excellent anti-abrasion and impact-resistant properties.

Suitable Use	For interior surfaces of tanks where chemical solvent and sea-water resistance are required, especially cargo tanks of product carriers.			
Type	Phenol / Novolac epoxy			
Colour (Product Code)*	Pink (ERTG 3115)*	Gray (ERTG 7101)*		
	HARDENER (ERX 1639)*	*Not color code (See note 8)		
Gloss	Semi-gloss			
Volume Solids	52 ± 2% (ISO3233:1998)			
Typical Dry Film Thickness	150 µm			
Approx. Wet Film Thickness	288 µm			
Theoretical Coverage	3.47 m <sup>2</sup> / L (150 µm)			
Drying Time (at DFT 50 µm)	Surface Dry	20 minutes (5°C)	10 minutes (20°C)	6 minutes (30°C)
	Dry Hard	2 days (5°C)	16 hours (20°C)	13 hours (30°C)
	Full Cure	7 days (5°C)	7 days (20°C)	7 days (30°C)
Interval before Overcoating	Min.	2 days (5°C)	16 hours (20°C)	13 hours (30°C)
	Max.	7 days (5°C)	7 days (20°C)	7 days (30°C)
Thinner (Code. No.)	NIPPON MARINE THINNER 600 (VEP 46 / VEP 47) / 0 ~ 10%, by weight			
Application Method	Airless Spray	Tip range	0.48 ~ 0.53 mm (0.019" - 0.021)	
		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 16.8 / HARDENER 3.2			
Pot Life after Mixing	8 hours (5°C) 5 hours (20 °C) 3 hours (30°C)			
Typical Package	20L (BASE 16.8L, HARDENER 3.2L)			
Flash Point	23°C			
Surface Preparation	Blast cleaned to ISO-Sa 2.5 or power tool cleaned to ISO-St 3. is recommended.			
Generals	For commercial use only. Attention - Avoid exposure - obtain special instructions before use.			

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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 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) Store the paints in paint store.
- 3) Discoloration (blackening) may occur on the surface due to sulphide in cargoes. Its anti-corrosive performance is not adversely affected by the discoloration.
- 4) 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.
- 5) For the applications, refer to our "Suitability Table of Cargoes for Loading" and "Application Procedure".
- 6) Paint application shall be done immediately after abrasive blasting. Small rusted parts, welding seam, burnt parts shall be thoroughly treated with power tool.
- 7) Max. interval depends on exposure condition of coating. To prevent coating from sun light, cover manholes etc. with awning and so on. In case that coating is exposed to sun light, Max (2) of interval shall be adopted.
- 8) This code is internal product code of NPMEU. Please be careful as it isn't color code.