

Marine Paint Manual

Reference No. : E 10/16

Issue Date: February 2019 (EU)

NOA PC 300 FINISH

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, to be applied on surfaced coated with NOA PC 300 PRIMER combination. | | | |
| Type | Phenol / Novolac epoxy | | | |
| Colour (Product Code)* | Light gray (ERTE 7102)* | *Not color code (See note 8) | | |
| | HARDENER (ERX 1639)* | | | |
| 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 ² / L (150 µm) | | | |
| Drying Time | Surface Dry | 3 hours (5°C) | 90 minutes (20°C) | 30 minutes (30°C) |
| | Dry Hard | 36 hours (5°C) | 12 hours (20°C) | 6 hours (30°C) |
| | Full Cure | 30 days (5°C) | 14 days (20°C) | 10 days (30°C) |
| Interval before Overcoating | Min. | 32 hours (5°C) | 16 hours (20°C) | 8 hours (30°C) |
| | Max. | 12 days (5°C) | 7 days (20°C) | 5 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 ² | |
| | Brush | For touching up small areas only | | |
| Mixing Ratio by Volume | BASE 11.6 / HARDENER 8.4 | | | |
| Pot Life after Mixing | 8 hours (5°C) 5 hours (20 °C) 3 hours (30°C) | | | |
| Typical Package | 20L (BASE 11.6L, HARDENER 8.4L) | | | |
| Flash Point | 25°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. | | | |

Marine Paint Manual

NOA PC 300 FINISH

Issue Date: February 2019 (EU)

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.