

Marine Paint Manual

Reference No. : E 10/16

Issue Date: February 2017 (EU)

NIPPON E-MARINE A/C II (E)

A two-pack modified epoxy tie-coat anticorrosive designed taking health, safety and environmental issues into consideration. Combined with NIPPON E-MARINE A/C, the system provides excellent seawater resistance and good adhesion to various kinds of antifoulings and finishes.

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| Suitable Use | Tie-coat anticorrosive for outer hull(including boottop and topsides), decks, superstructure, etc. | | |
| Type | Epoxy (Two-pack / High build) | | |
| Color (Product Code)* | Red Oxide (EPPV 3900)* | Black (EPPV 9105)* | |
| | Buff (EPPV 1501)* | *Not color code (See note 4) | |
| | HARDENER (EPX1703)* | | |
| Gloss | Flat | | |
| Volume Solids | 52 ± 2% (ISO3233:1998) | | |
| Typical Dry Film Thickness | 50 ~ 125 µm | | |
| Approx. Wet Film Thickness | 96 ~ 240 µm | | |
| Theoretical Coverage | 6.94 m ² / L (75 µm) | | |
| Drying Time | Surface Dry | 4 hours (5°C) 2 hour (20°C) 90 minutes (30°C) | |
| | Dry Hard | 20 hours (5°C) 12 hours (20°C) 8 hours (30°C) | |
| | Full Cure | 8 days (5°C) 7 days (20°C) 6 days (30°C) | |
| Interval before Overcoating (by self) | Min. | 20 hours (5°C) 12 hours (20°C) 8 hours (30°C) | |
| | Max. | — (5°C) — (20°C) — (30°C) | |
| Thinner (Code. No.) | NIPPON MARINE THINNER 600 (VEP 47) / 0 ~ 10%, by weight | | |
| Application Method | Airless Spray | Tip range | 0.48 ~ 0.59 mm (0.019" - 0.023") |
| | | 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 19 / HARDENER 1 | | |
| Pot Life after Mixing | 12 hours (5°C) 8 hours (20°C) 4 hours (30°C) | | |
| Typical Package | 20 L (BASE 19L, HARDENER 1L) | | |
| Flash Point | 25°C | | |
| Surface Preparation | All surfaces to be coated should be clean, dry and free from contamination. High pressure fresh water wash and remove all oil / grease, soluble contaminants and other foreign matters. | | |

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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 vapor concentrations within safe limits. Prior to use, obtain, consult and follow the SDS 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) Prior to overcoating, remove heavily chalked layer, salt contamination, etc. by fresh water washing.
- 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.