

Marine Paint Manual

Reference No. :E 10/16

Issue Date: December 2018 (EU)

UNIPRIME 30 (E)

A high performance one-pack anticorrosive with good resistance to water, seawater and alkaline. It has tie-coat property and superior hold-up property which enables high film build. It shows excellent adhesiveness to various A/F paints and NIPPON A-MARINE FINISH. With regard to incorporating aluminium type, it can be applied for ship's hull on bare steel surfaces, shop-primers, or existing paints. Also can be used as sealer coat.

| | | | |
|-----------------------|--|------------------------------|--|
| Suitable Use | Anticorrosive for hull | | |
| Type | Special synthetic resin (The colour of Silver / Reddish Silver is included aluminium paste.) | | |
| Color (Product Code)* | Silver (CRGD 9206)* | Reddish Silver (CRGD 9406)* | |
| | Redbrown (CRGD 3500)* | Brown (CRGD 8700)* | |
| | Buff (CRGD 1501)* | Black (CRGD 9005)* | |
| | | *Not color code (See note 3) | |

Gloss Flat
(for incorporating aluminium, Silver and Reddish Silver)

| | |
|----------------------------|---------------------------------|
| Volume Solids | 46 ± 2% (ISO3233:1998) |
| Typical Dry Film Thickness | 70 µm |
| Approx. Wet Film Thickness | 152 µm |
| Theoretical Coverage | 6.57 m ² / L (70 µm) |

(except for Silver and Reddish Silver)

| | |
|----------------------------|---------------------------------|
| Volume Solids | 40 ± 2% (ISO3233:1998) |
| Typical Dry Film Thickness | 70 µm |
| Approx. Wet Film Thickness | 175 µm |
| Theoretical Coverage | 5.70 m ² / L (70 µm) |

| | | | | |
|---------------------------------------|---|---|----------------------------------|-------------------|
| Drying Time | Surface Dry | 1 hour (5°C) | 30 minutes (20°C) | 20 minutes (30°C) |
| | Dry Hard | 7 hours (5°C) | 4 hours (20°C) | 3 hours (30°C) |
| Interval before Overcoating (by self) | Min. | 7 hours (5°C) | 4 hours (20°C) | 3 hours (30°C) |
| | Max. | — (5°C) | — (20°C) | — (30°C) |
| Thinner (Code. No.) | NIPPON MARINE THINNER 200 (VCC 20M) / 0 ~ 5%, by volume | | | |
| Application Method | Airless Spray | Tip range | 0.48 ~ 0.53 mm (0.019" - 0.021") | |
| | | Fan angle | 55 ~ 69° | |
| | | Output pressure | 100 ~ 150 kg / cm ² | |
| Package | Brush | For touching up small areas only | | |
| | 20L | Package may vary from country to country. | | |
| Japan Local Brand | UNIPRIME A/C | | | |
| Flash Point | 24 °C | | | |
| Surface Preparation | Blast cleaned to ISO-Sa 2 ¹ / ₂ or power tool cleaned to 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 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) Store the paints in paint store.
- 3) This code is internal product code of NPMEU. Please be careful as it isn't color code.