EVER COOL FINISH (E)

A high heat-shield paint based on polyurethane resin with excellent weathering resistance and gloss retention. As it contains special pigment with low endothermic property under the infrared ray region, it can restrain rise in surface temperature of paint film through high heat-shield.

Suitable Use

Finish for superstructures, hatch covers, compass deck, other exposed weather decks, etc.

Type

Polyurethane (Two-pack)

Color (Product Code)*

White, Grey N-6.0, Grey N-4.0 (RAL 7024), etc. (FAEBE ....)*

HARDENER (FAX 1541)* *Not color code (See note 5)

Gloss

Gloss

Volume Solids

46 ± 2% (ISO3233:1998) depending on colour shade

Typical Dry Film Thickness

40 μm

Approx. Wet Film Thickness

90 μm

Theoretical Coverage

11.50 m²/L (40 μm)

Drying Time

Surface Dry 4 hours (5°C) 2 hours (20°C) 1 hours (30°C)

Dry Hard 20 hours (5°C) 12 hours (20°C) 8 hours (30°C)

Full Cure 14 days (5°C) 7 days (20°C) 5 days (30°C)

Interval before Overcoating

Min. 20 hours (5°C) 12 hours (20°C) 8 hours (30°C)

(by self)

Max. – (5°C) – (20°C) – (30°C)

Thinner (Code. No.)

NIPPON MARINE THINNER 700 (VFE 35) / 5 ~ 15%, by volume

Application Method

Airless Spray Tip range 0.38 ~ 0.48 mm (0.015" - 0.019")

Fan angle 55° ~ 60°

Output pressure 120 ~ 150 kg / cm²

Brush / Roller For touching up small areas only

Mixing Ratio by Volume

BASE 5 / HARDENER 1

Pot Life after Mixing

8 hours (5°C) 6 hours (20°C) 4 hours (30°C)

Typical Package

20L (BASE 16.7 L, HARDENER 3.3 L)

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.

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) During applications at high temperatures, use NIPPON MARINE THINNER 750.

3) Store the paints in paint store.

4) The following colours are available as our standard. (on request)

5) This code is internal product code of Nippon Paint Marine Europe. Please be careful as it isn't color code.

6) Use the dedicated EVER COOL primer for ships in service when in maintenance and repair.