

December 2023

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AQUATERRAS A/C II

AQUATERRAS A/C II is a two-pack epoxy tie coat designed for use in an AQUATERRAS series – biocide-free self-polishing coating system. It is suitable for use on underwater hull, and boottop areas. It can be overcoated with various kinds of finishes.

Suitable Use

Tie coat designed for use in an AQUATERRAS system

Type

Epoxy (Two-pack / High build)

Colour

Gray, Cream

Gloss

Flat

Volume Solids

57 ± 2% (ISO3233:1998)

Typical Dry Film Thickness

50 ~ 125 µm

Approx. Wet Film Thickness

88 ~ 219 µm

Theoretical Coverage

7.60 m²/L (75 µm)

Drying Time

Surface Dry

3h(5°C) 1h(20°C) 30min(30°C)

Dry Hard

16h(5°C) 8h(20°C) 6h(30°C)

Interval before Overcoating (by self)

Min.

16h(5°C) 8h(20°C) 6h(30°C)

Max.

-(5°C) -(20°C) -(30°C)

Thinner

NIPPON MARINE THINNER 600

(0 ~10%, by volume)

Application Method

Airless Spray

Tip range 0.48mm (0.019") ~ 0.59 mm (0.023")

Fan angle 55° ~ 62°

(T/U) 30°

Output pressure 150 ~ 200 kg/cm²

Brush / Roller

For touching up small areas only

Mixing Ratio by Volume

BASE 4 / HARDENER 1

Pot Life after Mixing

5h(5°C) 3h(20°C) 2h(30°C)

Typical Package

20L (Base 16L, Hardener 4L)

Package may vary from country to country.

Japan Local Brand

AQUATERRAS A/C II

Flash Point

Base 23°C, Hardener 24°C

Base 29°C, Hardener 24°C, LT Hardener -°C(China product)

Surface Preparation

All surfaces to be coated should be clean, dry and free from contamination. If necessary, high pressure freshwater wash and remove all oil / grease, soluble contaminants and any other foreign material from the surface to be coated.

Safety

Take all necessary precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.)

If being used in a confined space, proper ventilation and protective measures must be provided during application and the drying period to keep the solvent vapour concentration within safe limits.

Prior to use, obtain, consult and follow the MSDS (Material Safety Data Sheet) for this product providing detailed health and safety information.

- 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) For availability of product consult Nippon Paint Marine representatives.
- 4) Unit size and filled volumes can vary due to local regulations.
- 5) NIPPON MARINE THINNER 615 will be supplied in some regions instead of NIPPON MARINE THINNER 600.
- 6) Use products that comply with local regulations to clean the paint equipment.