

## Marine Paint Manual

Reference No. 11 - 05

Issue Date: November 2022 (ES)

### AQUATERRAS A/C

AQUATERRAS A/C is a two-pack epoxy anticorrosive specialized to "AQUATERRAS" series - biocide free self-polishing coating. It provides excellent anti-abrasion property and resistant to water, seawater, and cathodic protection, it is suitable for underwater hulls, boottop, topsides. And it can be overcoated with various kinds of finishes.

Suitable Use	Anticorrosive for hulls specialized to AQUATERRAS series					
Type	Epoxy (Abrasion resistant / High build / Two-pack)					
Color	Red oxide, Gray					
Gloss	Semi-gloss					
Volume Solids	74 ± 2% (ISO3233:1998)					
Typical Dry Film Thickness	125 ~ 250 μm					
Approx. Wet Film Thickness	169 ~ 338 μm					
Theoretical Coverage	4.23 m <sup>2</sup> /L (175 μm)					
Drying Time	Surface Dry	3 hours (5°C)	2 hours (20°C)	1 hour (30°C)		
	Dry Hard	47 hours (5°C)	16 hours (20°C)	10 hours (30°C)		
	Full Cure	14 days (5°C)	7 days (20°C)	5 days (30°C)		
Interval before Overcoating (by self : Immersed area)	Min.	47 hours (5°C)	16 hours (20°C)	10 hours (30°C)		
	Max.	30 days (5°C)	30 days (20°C)	14 days (30°C)		

Interval before Overcoating (by self : Exposed area)	Min.	47 hours (5°C)	16 hours (20°C)	10 hours (30°C)		
	Max.	— (5°C)	— (20°C)	— (30°C)		

Thinner	NIPPON MARINE THINNER 600 (0 ~ 10%, by volume)		
Application Method	Airless Spray	Tip range	0.48 ~ 0.59 mm
		Fan angle	55° ~ 62°
		(For T/U)	30°
		Output pressure	150 ~ 200 kg/cm <sup>2</sup>
	Brush	For touching up small areas only	
Mixing Ratio by Volume	BASE 4 / HARDENER 1		
Pot Life after Mixing	6 hours (5°C) 4 hours (20°C) 3 hours (30°C)		
Packaging	Two Packs		
Japan Local Brand	AQUATERRAS A/C		
Flash Point	BASE 30°C, HARDENER 31°C		

Surface Preparation      Blast cleaned to ISO-Sa 2<sup>1</sup>/<sub>2</sub> or power tool cleaned to St 3 is recommended.

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.

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<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) Under ambient condition below 5°C, AQUATERRAS A/C LT shall be applied.
- 3) For availability of product consult Nippon Paint Marine representatives.
- 4) Unit size and filled volumes can vary due to local regulations.
- 5) Store the paints in paint store.