

Marine Paint Manual

Reference No. 11 - 06

Issue Date: November 2022 (ES)

AQUATERRAS A/C LT

AQUATERRAS A/C LT is a two-pack, high volume solid epoxy anticorrosive (low temperature version) aiming for less volatile organic compounds. Providing good adhesion property to our biocide free self-polishing coating "AQUATERRAS" series, this epoxy coating offers excellent anti-abrasion property and resistant to water, seawater, and cathodic protection, it is suitable for underwater hulls, boottop, topsides, decks and holds etc. It can be overcoated with various kinds of finishes.

Suitable Use	Anticorrosive for hulls, decks and holds, etc. (Special anticorrosive for AQUATERRAS series)						
Type	Epoxy (Abrasion resistant / LT type / 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	4.22 m²/L (175 μm)						
Drying Time	Surface Dry	1 hour	(5°C)	40 minutes	(10°C)	20 minutes	(20°C)
	Dry Hard	24 hours	(5°C)	16 hours	(10°C)	10 hours	(20°C)
	Full Cure	10 days	(5°C)	7 days	(10°C)	5 days	(20°C)
Interval before Overcoating (by self : Immersed area)	Min.	24 hours	(5°C)	16 hours	(10°C)	10 hours	(20°C)
	Max.	30 days	(5°C)	30 days	(10°C)	14 days	(20°C)
Interval before Overcoating (by self : Exposed area)	Min.	24 hours	(5°C)	16 hours	(10°C)	10 hours	(20°C)
	Max.	—	(5°C)	—	(10°C)	—	(20°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/cm²				
Mixing Ratio by Volume	Brush / Roller	For touching up small areas only					
	BASE 4.93 / HARDENER 1						
	4 hours (5°C) 3 hours (10°C) 2 hours (20°C)						
Pot Life after Mixing							
Packaging	Two Packs						
Japan Local Brand	AQUATERRAS A/C LT						
Flash Point	BASE 29°C, HARDENER 25°C						
Surface Preparation	Blast cleaned to ISO-Sa 2 ¹ / ₂ or power tool cleaned to St 3 is recommended.						

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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) For availability of product consult Nippon Paint Marine representatives.
- 3) Unit size and filled volumes can vary due to local regulations.
- 4) Store the paints in paint store.