

Marine Paint Manual

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Issue Date: July 2019 (ES)

NOA FWT

A two-pack pure epoxy anticorrosive designed for fresh and potable water tanks. 1st coat Buff is SI or Self Indicating technology type, which enables a painter to visually judge if the correct film thickness (wet / dry) has been achieved during the application process. This product scheme is for two-coat system, SI type (Buff) as 1st coat and non-SI type (Blue, White, Cream) as 2nd coat.

Suitable Use	Anticorrosive for fresh water tanks, LO tank			
Type	Pure epoxy (Two-pack)			
Color	(SI / 1 st coat) Buff (Non-SI / 2 nd coat) Blue, White, Cream			
Gloss	Semi-gloss			
Volume Solids	69 ± 2% (ISO3233:1998)			
Dry Film Thickness	125 μm (Buff) 75 ~ 125 μm (Blue, White, Cream)			
Approx. Wet Film Thickness	181 μm (Buff) 109 ~ 181 μm (Blue, White, Cream)			
Theoretical Coverage	5.52 m²/ L (Buff / 125 μm)			
	9.20 m²/ L (Blue, White, Cream / 75 μm)			
Drying Time	Surface Dry	3 ¹ / ₂ hours (5°C)	1 ¹ / ₂ hours (20°C)	40 minutes (30°C)
	Dry Hard	36 hours (5°C)	16 hours (20°C)	10 hours (30°C)
Interval before Overcoating (by self)	Min.	36 hours (5°C)	16 hours (20°C)	10 hours (30°C)
	Max.	10 days (5°C)	7 days (20°C)	5 days (30°C)
Thinner	NIPPON MARINE THINNER 670 (0 ~ 5%, by weight)			
Application Method	Airless Spray	Tip range	0.48 ~ 0.53 mm	
		Fan angle	45 ~ 60°	
		(T/U)	30°	
		Output pressure	150 ~ 200 kg / cm²	
	Brush	For touching up small areas only		
Mixing Ratio by Volume	BASE 3.71 / HARDENER 1			
Pot Life after Mixing	5 hours (5°C) 3 hours (20°C) 2 ¹ / ₂ hours (30°C)			
Packaging	Two Packs			
Japan Local Brand	ORGA 1000 NOA			
Flash Point	BASE 14 °C, HARDENER 14 °C			
Surface Preparation	Blast cleaned to ISO-Sa 2 ¹ / ₂ or power tool cleaned to St 3 is recommended.			
	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.			

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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) Provide adequate ventilation during and after application.
- 3) As to how to remove the soluble substance and solvent residue from paint film and other precautions, refer to our "Painting Specification of NOA FWT System for Fresh Water Tank Coating".
- 4) Keep the drying time for minimum 7 days (20 °C) before loading fresh water.
- 5) Consult Nippon Paint Marine Coatings in advance when UV-equipment is installed for sterilization in the tanks.
- 6) For availability of product consult Nippon Paint Marine representatives.
- 7) Unit size and filled volumes can vary due to local regulations.
- 8) Store the paints in paint store.