

Marine Paint Manual

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Issue Date: April 2014 (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			
Type	Pure epoxy (Two-pack)			
Colour	(SI / 1st coat) Buff (Non-SI / 2nd coat) Blue, White, Cream			
Gloss	Semi-gloss			
Volume Solids	69 ± 2% (ISO3233:1998)			
Dry Film Thickness	125 µm (Buff) 75 ~ 125µm (Blue, White,Cream)			
Approx. Wet Film Thickness	181 µm (Buff) 109 ~ 181µm (Blue, White,Cream)			
Theoretical Coverage	5.52 m ² / L (Buff / 125 µm)			
	9.20 m ² / L (Blue, White, Cream / 75 µm)			
Drying Time	Surface Dry	3½ hours (5°C)	1½ 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 range	45 ~ 60°	
		(T/U)	30°	
		Output pressure	150 ~ 200 kg / cm ²	
	Brush	For touching up small areas only		
	*During application and drying, a good ventilation is necessary. See "Painting Specification" for the details.			
Mixing Ratio by Volume	BASE 3.71 / HARDENER 1			
Pot Life after Mixing	5 hours (5°C)	3 hours (20°C)	2½ hours (30°C)	
Typical Package	16 L (BASE 12.6L, HARDENER 3.4L)			
	Package may vary from country to country.			
Japan Local Brand	ORGA 1000 NO A			
Flash Point	BASE 14°C		HARDENER 14°C	
Surface Preparation	Blast cleaned to ISO-Sa2.5 or power tool cleaned to ISO-St3.0 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.			
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 vapour concentrations within safe limits.			
	Prior to use, obtain, consult and follow the MSDS 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) 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 (20C) before loading fresh water.
- 5) Consult Nippon Paint Marine Coatings in advance when UV-equipment is installed for sterilization in the tanks.
- 6) Store the paints in paint store.