

Marine Paint Manual

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NOA 1000 FWT SF

A two-pack high-performance, solvent free pure epoxy anticorrosive designed for fresh and potable water tanks. With no solvent contained, it ensures hygienically safe application. This product is characterized by Self Indicating (SI) technology, which enables a painter to visually judge if the correct film thickness (wet / dry) has been achieved during the application process.

Suitable Use	Anticorrosive for fresh water tanks						
Type	Solvent free two-pack pure epoxy						
Color	Buff						
Gloss	Semi-gloss						
Volume Solids	98 ~ 100% (ISO3233:1998)						
Dry Film Thickness	300 μm						
Approx. Wet Film Thickness	300 μm						
Theoretical Coverage	3.33 m²/ L						
Drying Time	Surface Dry	48 hours	(5°C)	18 hours	(20°C)	12 hours	(30°C)
	Dry Hard	5 days	(5°C)	32 hours	(20°C)	24 hours	(30°C)
Interval before Overcoating (by self)	Min.	5 days	(5°C)	32 hours	(20°C)	24 hours	(30°C)
	Max.	10 days	(5°C)	7 days	(20°C)	5 days	(30°C)
Thinner	Dilution Not Allowed. For cleaning, use NIPPON MARINE THINNER 600						
Application Method	Airless Spray	Tip range	0.48 ~ 0.53 mm				
		Fan angle	45 ~ 60°				
		(T/U)	30°				
		Output pressure	150 ~ 250 kg / cm²				
Mixing Ratio by Volume	Brush	For touching up small areas only					
		BASE 3.57 / HARDENER 1					
		2 hours (5°C) 1½ hours (20°C) 1 hour (30°C)					
Packaging	Two Packs						
Japan Local Brand	ORGA 1000 NOA SF						
Flash Point	BASE 138 °C, HARDENER 132 °C						
Surface Preparation	Blast cleaned to ISO-Sa2½ or power tool cleaned to ISO-St3 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

Though NOA 1000 FWT SF is a solvent-free paint, all work involving the application and use of this product should take precautions by gloves, goggles, face masks, barrier creams etc. to avoid skin and eye contact from spray mist.

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) Do not dilute this product for the application. For cleaning, use NIPPON MARINE THINNER 600.
- 3) The curing is retarded at temperatures below 10 °C. Use fan heaters etc. to accelerate the curing, if necessary.
- 4) As the pot life is considerably shorter than normal solvent-type products, mix only the estimated amount to be used.
- 5) Provide adequate ventilation during and after application.
- 6) For the application, refer to our "Painting Specification of NOA 1000 FWT SF System for Fresh Water Tank Coating".
- 7) Keep the drying time for minimum 7 days (20 °C) before loading fresh water.
- 8) For availability of product consult Nippon Paint Marine representatives.
- 9) Unit size and filled volumes can vary due to local regulations.
- 10) Store the paints in paint store.