

Marine Paint Manual

Reference No. 16 - 01

Issue Date: July 2019 (ES)

ODEMARINE PF

A water-borne anticorrosive self-priming finish which has the rust preventive property of epoxy paint and the durability superior to that of oleoresinous paint. It is designed taking the environmental issues into consideration. Finish with a single coat that contributes to reduce painting lead time.

Suitable Use	Anticorrosive self-priming finish for DRY SPACES of interior (superstructure, engine room, bosun store etc.)						
Type	Water-borne epoxy (One-pack)						
Color	White, Light color						
Gloss	Semi-gloss						
Volume Solids	52 ± 2% (ISO3233:1998)						
Typical Dry Film Thickness	80 μm						
Approx. Wet Film Thickness	154 μm						
Theoretical Coverage	6.50 m²/L (80 μm)						
Drying Time	Surface Dry	50 minutes (5°C)		15 minutes (20°C)		10 minutes (30°C)	
	Dry Hard	12 hours (5°C)		6 hours (20°C)		3 hours (30°C)	
	Full Cure	— (5°C)		— (20°C)		— (30°C)	
Interval before Overcoating (by self)	Min.	12 hours (5°C)		6 hours (20°C)		3 hours (30°C)	
	Max.	— (5°C)		— (20°C)		— (30°C)	
Thinner	— (For dilution, use City Water, see Note 4)						
Application Method	Airless Spray	Tip range		0.48 ~ 0.59 mm			
		Fan angle		35° ~ 45°			
		Output pressure		100 ~ 150 kg/cm²			
	*During application and drying, a good ventilation is necessary. See “Painting Specification” for the details.						
	Brush / Roller	For touching up small areas only (see Note 5)					
Packaging	Single Pack						
Japan Local Brand	ODEMARINE PF						
Flash Point	Non						

Surface Preparation

Power tool cleaned to ISO-St 2 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.

See “Painting Procedure” for the details.

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Safety

Though ODEMARINE PF is a Water-bone 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.

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) Use City Water for dilution.
- 3) Use City Water for cleaning. When the paint film is unremovable with water due to long-term elapse of the time after painting, use NIPPON MARINE THINNER 600.
- 4) Water dilution should be 0 ~ 5% by weight. Too much dilution generates sagging and repelling of the paint.
- 5) Use a brush exclusively for water-based paint. When a brush intended for solvent-based coating is used, it may harden.
- 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.