

# Marine Paint Manual

Reference No. 02 - 01  
Issue Date: July 2019 (ES)

## NIPPON O-MARINE PRIMER

A high-build primer for steel surfaces made by mixing alkyd resin with anticorrosive pigment. It offers superior adhesion, anticorrosive performance and humidity resistance with good workability. This product has excellent hold-up property which enables high film build.

Suitable Use	Anticorrosive primer for interior and exterior of superstructure, exposed decks, etc.						
Type	Alkyd (High build)						
Color	Red Oxide, White						
Gloss	Flat						
Volume Solids	48 ± 2% (ISO3233:1998)						
Typical Dry Film Thickness	30 ~ 80 μm						
Approx. Wet Film Thickness	63 ~ 167 μm						
Theoretical Coverage	6.86 m²/L (70 μm)						
Drying Time	Surface Dry	1 hour	(5°C)	30 minutes	(20°C)	20 minutes	(30°C)
	Dry Hard	24 hours	(5°C)	7 hours	(20°C)	5 hours	(30°C)
Interval before Overcoating (by self)	Min.	24 hours	(5°C)	16 hours	(20°C)	10 hours	(30°C)
	Max.	—	(5°C)	—	(20°C)	—	(30°C)
Thinner	NIPPON MARINE THINNER 100 (0 ~ 5%, by volume)						
Application Method	Airless Spray	Tip range	0.43 ~ 0.53 mm				
		Fan angle	45° ~ 55°				
		Output pressure	80 ~ 100 kg/cm²				
	Brush / Roller	For touching up small areas only					
Packaging	Single Pack						
Japan Local Brand	LZ PRIMER M						
Flash Point	24°C						

Surface Preparation	Power tool cleaned to ISO-St 2 is recommended.
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.

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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) 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.