

# Marine Paint Manual

Reference No. : 02 - 01  
Issue Date: July 2015 (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 m <sup>2</sup> / 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 weight )		
Application Method	Airless Spray	Tip range	0.43 ~ 0.53 mm
		Fan angle	45 ~ 55°
		Output pressure	80 ~ 100 kg / cm <sup>2</sup>
	Brush / Roller	For touching up small areas only	
Package	18L Package may vary from country to country.		
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.		

# Marine Paint Manual

NIPPON O-MARINE PRIMER

Issue Date: July 2015 (ES)

<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) Store the paints in paint store.