

## Marine Paint Manual

Reference No. 01 - 05 Issue Date: July 2019 (ES)

## NIPPON Z-MARINE 9000 M HB

A high-build zinc-rich two-pack epoxy paint that offers excellent adhesion to surfaces prepared with power tools. It can also be used as a maintenance coating on existing inorganic zinc silicate coatings. Various kinds of finishes can be applied over NIPPON Z-MARINE 9000 M HB.

Suitable Use	Anticorrosive for underwater hull, exterior of superstructures, offshore structures, etc.									
Туре	Zinc dust / Epoxy (High build / Two-pack)									
Color										
	Gray									
Gloss										
Volume Solids	55 ± 2% (ISO3233:1998)									
Typical Dry Film Thickness	•									
Approx. Wet Film Thickness	•									
Theoretical Coverage	7.33 m²/L (75 μm)									
Drying Time	Surface Dry			• •			. ,			s (30°C)
	Dry Hard	24	hours	(5°C)	16	hours	(20°C)	12	hours	(30°C)
	Full Cure	14	days	(5°C)	7	′ days	(20°C)	5	days	(30°C)
Interval before Overcoating	Min.	24	hours	(5°C)	16	hours	(20°C)	12	hours	(30°C)
(Topcoat indicated below)	Max.			(5°C)		—	(20°C)			(30°C)
Thinner	NIPPON MARINE THINNER 600 (0 ~ 10%, by volume)									
Application Method	Airless Spray Tip range 0.48 ~ 0.59 mm									
		Fan angle 55° ~ 62°								
			(For T	/U)		30°				
			Output pressure 100 ~ 150 kg/cm <sup>2</sup>							
	Brush	For touching up small areas only								
Mixing Ratio by Volume	BASE 2.75 / HARDENER 1									
Pot Life after Mixing	16 hours (5°C) 8 hours (20°C) 5 hours (30°C)									
Packaging	Two Packs									
Japan Local Brand	NIPPON Z-MARINE 9000M HB									
Flash Point	BASE 21°C, HARDENER 24°C									
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Surface Preparation	Blast cleaned to ISO-Sa $2^{1}/_{2}$ or power tool cleaned to St 3 is									
	recommended.									
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SafetyTake precautions to avoid skin and eye contact (i.e. gloves, goggles,<br/>face masks, barrier creams etc.)Proper ventilation and protective measures must be provided during<br/>applications and drying period to keep solvent vapor concentrations<br/>within safe limits.Prior to use, obtain, consult and follow the SDS for this product<br/>concerning health and safety information.

<<u>Note</u>>

- 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) Steel plate should be sand-blasted or shot-blasted. When used as a maintenance primer over existing high-build inorganic zinc coatings, a disc sander can be used, too.
- 3) As this paint is apt to precipitate after mixing, stir continuously during application. Use up the mixed paint within the first day of mixing.
- 4) For availability of product consult Nippon Paint Marine representatives.
- 5) Unit size and filled volumes can vary due to local regulations.

6) Store the paints in paint store.