

# Marine Paint Manual

Reference No. : 11 - 02

Issue Date: April 2010 (ES)

## NIPPON Z-MARINE 8000 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 8000 M HB.

Suitable Use	Anticorrosive for underwater hull, exterior of superstructures, offshore structures, etc.		
Type	Zinc dust / Epoxy (High build / Two-pack)		
Color	Gray		
Gloss	Flat		
Volume Solids	55 ± 2% (ISO3233:1998)		
Typical Dry Film Thickness	40 ~ 100 μm		
Approx. Wet Film Thickness	73 ~ 182 μm		
Theoretical Coverage	7.33 m <sup>2</sup> / L (75 μm)		
Drying Time	Surface Dry	1 hour (5 )	30 minutes (20 ) 20 minutes (30 )
	Dry Hard	24 hours (5 )	16 hours (20 ) 12 hours (30 )
	Full Cure	14 days (5 )	7 days (20 ) 5 days (30 )
Interval before Overcoating (Topcoat indicated below)	Min.	24 hours (5 )	16 hours (20 ) 12 hours (30 )
	Max.	— (5 )	— (20 ) — (30 )
Thinner	NIPPON MARINE THINNER 600 ( 0 ~ 10%, by weight )		
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 ) 8 hours (20 ) 5 hours (30 )		
Typical Package	15L (BASE 11L, HARDENER 4L)		
	Package may vary from country to country.		
Japan Local Brand	NIPPE ZINKY 8000 M HB		
Flash Point	BASE 21 , HARDENER 3		
Surface Preparation	Blast cleaned to ISO-Sa 2.5 or power tool cleaned to ISO-St 3.0 is recommended.		

# Marine Paint Manual

NIPPON Z-MARINE 8000 M HB

Issue Date: April 2010 (ES)

## 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 MSDS 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) 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) Store the paints in paint store.