

# Marine Paint Manual

Reference No. : E 10/16

Issue Date: February 2017 (EU)

## NIPPON CERAMO T/U (E)

An anticorrosive primer containing zinc powder and epoxy resin as its main components. It is recommended as block joints or other areas to be coated after secondary surface preparation. It has excellent adhesion to solvent-based paints, high-solids type of paints with high film strength, solvent-free paints, and it has excellent anticorrosive properties, seawater-resistance, weatherability, and temperature-resistance.

Suitable Use	For application immediately after blasting with suitability for short interval coating of subsequent coats.			
Type	Zinc dust / Epoxy			
Color (Product code)*	Gray (EPZ 7601)*			
	HARDENER (EPX 1800)*	*Not color code (See note 4)		
Gloss	Flat			
Volume Solids	50 ± 2% (ISO3233:1998)			
Typical Dry Film Thickness	30 ~ 50 µm			
Approx. Wet Film Thickness	60 ~ 100 µm			
Theoretical Coverage	9.96 m <sup>2</sup> / L (50 µm)			
Drying Time	Surface Dry	10 minutes (5°C)	3 minutes (20°C)	2 minutes (30°C)
	Dry Hard	20 minutes (5°C)	6 minutes (20°C)	4 minutes (30°C)
Interval before Overcoating (Topcoat indicated below)	Min.	8 hours (5°C)	3 hours (20°C)	2 hours (30°C)
	Max.	— (5°C)	— (20°C)	— (30°C)
Thinner (Code. No.)	NIPPON MARINE THINNER 600 (VEP 47) / 0 ~ 5%, by weight			
Application Method	Airless Spray	Tip range	0.48 ~ 0.59 mm	
		Fan angle	52 ~ 69°	
		( For T/U )	30°	
		Output pressure	70 ~ 120 kg / cm <sup>2</sup>	
	Brush	For touching up small areas only		
Mixing Ratio by Volume	BASE 11.0 / HARDENER 4			
Pot Life after Mixing	12 hours (5°C) 8 hours (20°C) 6 hours (30°C)			
Typical Package	15L (BASE 11 L, HARDENER 4 L)			
Flash Point	17 °C			
Surface Preparation	Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4) Blast cleaning Sa 2 <sup>1</sup> / <sub>2</sub> - Sa 3 according to ISO 8501-1.			
Generals	For commercial use only. Attention - Avoid exposure - obtain special instructions before use.			

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## 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.

### <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 up the base paint in the first six months.
- 3) Store the paints in paint store.
- 4) This code is internal product code of NPMEU. Please be careful as it isn't color code.