

Marine Paint Manual

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TETZSOL M PRIMER

Two-pack pure inorganic zinc primer designed for super heat-resistant property up to 800 °C. It is free from burnt damages caused by welding or fairing from opposite side. After heated up to 800 °C at construction process, anticorrosive property superior to conventional rust primers is maintained and it can be overcoated with a wide range of coatings.

Suitable Use	Under insulation of engine room and interior of superstructure						
Type	Zinc dust / Heat-resistant anticorrosive pigment / Heat-resistant silicate (Two-pack)						
Color	Gray						
Gloss	Flat						
Volume Solids	31 ± 2% (ISO3233:1998)						
Typical Dry Film Thickness	30 ~ 40 μm						
Approx. Wet Film Thickness	97 ~ 129 μm						
Theoretical Coverage	8.86 m²/ L (35 μm)						
Drying Time	Surface Dry	12 minutes	(5°C)	3 minutes	(20°C)	2 minutes	(30°C)
	Dry Hard	1½ hours	(5°C)	30 minutes	(20°C)	20 minutes	(30°C)
	Full Cure	12 days	(5°C)	7 days	(20°C)	5 days	(30°C)
Interval before Overcoating (by self)	Min.	1½ hours	(5°C)	30 minutes	(20°C)	20 minutes	(30°C)
	Max.	—	(5°C)	—	(20°C)	—	(30°C)
Thinner	NIPPON MARINE THINNER 900 (0 ~ 10%, by volume)						
Application Method	Airless Spray	Tip range	0.53 mm				
		Fan angle	55 ~ 75°				
		(For T/U)	30°				
		Output pressure	60 ~ 100 kg / cm²				
	Brush						
Mixing Ratio by Volume	BINDER 1.67 / PASTE 1						
Pot Life after Mixing	32 hours (5°C)	24 hours (20°C)	16 hours (30°C)				
Packaging	Two Packs						
Japan Local Brand	TETZSOL M PRIMER						
Flash Point	BINDER 11 °C, PASTE 7 °C						
Surface Preparation	Blast cleaned to ISO-Sa2 or power tool cleaned to ISO-St2 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) As this paint can precipitate after mixing, it should be continuously stirred while painting.
- 3) Use only on surfaces of inorganic paints or steel panels.
- 4) Take special care when applying at high film thickness(over 50 $\mu\text{m/pass}$). Or it can cause sagging and cracking.
- 5) Be careful of bubbling when painting top coats.
- 6) Be sure to use up the BASE within 6 months.
- 5) For availability of product consult Nippon Paint Marine representatives.
- 6) Unit size and filled volumes can vary due to local regulations.
- 7) Store the paints in paint store.