

Marine Paint Manual

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Issue Date: March 2019 (ES)

TETZSOL P-200 ECO

A silicone alkyd resin based primer, which is best to use for steel areas where heat resistance up to 200 °C is required. It does not contain hazardous heavy metal contents such as chrome or lead.

Suitable Use	Heat-resistant primer for boilers, engines, radiators, etc.			
Type	Silicone alkyd (up to 200°C)			
Color	Red Oxide, Gray			
Gloss	Flat			
Volume Solids	42 ± 2 % (ISO3233:1998)			
Typical Dry Film Thickness	20 ~ 30 µm			
Approx. Wet Film Thickness	48 ~ 71 µm			
Theoretical Coverage	16.80 m ² / L (25 µm)			
Drying Time	Surface Dry	30 minutes (5°C)	20 minutes (20°C)	15 minutes (30°C)
	Dry Hard	16 hours (5°C)	4 hours (20°C)	3 hours (30°C)
Interval before Overcoating (by self)	Min.	16 hours (5°C)	4 hours (20°C)	3 hours (30°C)
	Max.	7 days (5°C)	7 days (20°C)	7 days (30°C)
Thinner	NIPPON MARINE THINNER 500 (0 ~ 10%, by volume)			
Application Method	Airless Spray	Tip range	0.33 mm	
		Fan angle	55 ~ 69°	
		Output pressure	120 ~ 150 kg / cm ²	
	Brush / Roller	For touching up small areas only		
Package	18kg Package may vary from country to country.			
Japan Local Brand	TETZSOL P - 500 ECO			
Flash Point	28 °C			
Surface Preparation	Blast cleaned to ISO-Sa 2 ¹ / ₂ or power tool cleaned to St 3 is recommended.			
Safety	<p>Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.)</p> <p>Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapor concentrations within safe limits.</p> <p>Prior to use, obtain, consult and follow the SDS for this product concerning health and safety information.</p>			

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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) Strictly adhere to the painting intervals. Detachment may occur when the specified interval is exceeded.
- 3) Heating up to 180 °C for 30 minutes is essential to achieve the designated film performance.
- 4) Detachment may occur if the coating is heated and dried at a rapidly rising temperature due to machinery operation. To prevent this, slowly increase the temperature by no more than 200 °C per hour or run the machinery intermittently.
- 5) Store the paints in paint store.