

TEMAL 200

DESCRIPTION

A range of heat resistant semi gloss finishes.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Suitable for use on all types of manifold and exhaust systems.
- ◆ Good heat resistance properties up to 200°C depending on quality.
- ◆ Good weathering properties.
- ◆ Good petrol and oil resistance.
- ◆ Good salt spray and humidity resistance.

TECHNICAL DATA

Volume solids

10 ± 2%, depending on colour.

Weight solids

17 ± 3%, depending on colour.

Viscosity

45 ± 10seconds BSB4@ 25°C depending on colour.

Specific gravity

0.91 – 1.05 depending on colour.

Product code

2969 series.

Film thickness and theoretical coverage

	Film thickness		Theoretical coverage 25µm @100% efficiency
	Wet	Dry	
Application range	100 - 200µm	10 - 20µm	7m ² /l
typical	150µm	15µm	

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Curing schedule

Flash off time	10 - 15 minutes/25°C
Air Dry	30 minutes touch dry, hard 4 hours/25°C.
Cure	30 minutes/120°C or 15 minutes/150°C

Drying times and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Finish

Matt, Semi gloss depending on colour & quality.

Colours

Black and Silver.

TIKKURILA COATINGS LTD.

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APPLICATION DETAILS

Surface preparation	<p>Preliminary cleaning: remove oil grease with a suitable detergent. Remove salt and other contaminants by fresh water cleaning and allow to dry (ISO 12944-4). Pre-treatment improves adhesion and reduces corrosion under the paint film. The type of pre-treatment depends on the requirements for corrosion protection e.g.</p> <ol style="list-style-type: none">1. Zinc phosphate with Cr-VI passivation.2. Iron phosphate with demineralised water rinsing (insufficient rinsing can lead to the osmotic formation of bubbles).3. Alkaline or neutral degreasing.4. Clean steel.
Application conditions	<p>The surface must be dry and the ambient temperature should be a minimum of +15°C with the relative humidity below 70% during application and curing. The surface temperature of steel should remain at least 3°C above the dew point.</p>
Application	<p>Suitable for spraying by conventional air spray when thinned to 20 – 35 seconds BSB4 @ 25°C.</p>
Thinner	<p>950 thinner.</p>
Cleaning of Equipment	<p>Remove remaining paint from equipment, flush thoroughly with 950 thinner until solvent appears uncontaminated.</p>
Flash Point	<p>22 - 32°C</p>
VOC (gms/ltr – water)	<p>750 – 800gms/ltr depending on colour.</p>
Storage	<p>In original, unopened containers at a temperature of 25°C – 9 months.</p>
Packaging	<p>20 and 205 litre drums.</p>
Health & Safety	<p>Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets. A health and safety data sheet is available on request from Tikkurila Coatings Ltd.</p>