

## TEMAPRIME GF

### DESCRIPTION

A fast drying, one component anti-corrosive pigmented special primer.

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Primer for steel, aluminium and zinc surfaces.
- ◆ Recoatable also with polyurethane paints.
- ◆ Recommended uses e.g. haulage equipment, agricultural, construction and other machinery.
- ◆ Excellent anti-corrosive properties.
- ◆ Can also be used without any topcoat for steel surfaces in dry indoor areas.

### TECHNICAL DATA

**Volume solids** 50 ± 2 %. (ISO 3233)

**Weight solids** 68 ± 2 %.

**Specific gravity** 1.3 kg / l

**Product code** 187-series

### Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
40 µm	80 µm	12.5 m <sup>2</sup> /l
60 µm	120 µm	8.3 m <sup>2</sup> /l

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

### Drying time

DFT 50 µm	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry	50 min	15 min	10 min
Touch dry	2 h	1 h	30 min
Recoatable, min.	2 h	1 h	30 min

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

**Finish** Matt.

**Colours** Grey, TVT 4001. TEMASPEED tinting.

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## APPLICATION DETAILS

<b>Surface preparation</b>	<p>Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)</p> <p><u>Steel surfaces:</u> Blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.</p> <p><u>Zinc surfaces:</u> Sweep blast-clean with mineral abrasives, e.g. quartz sand, to an even roughness. (SaS, SFS 5873) If sweep blasting is not possible, the surface should be roughened by hand abrading or washed with PANSSARIPESU detergent.</p> <p>Hot dip galvanized surfaces are recommended to be painted with a misty coat (paint thinned 25 - 30 % or with separate TEMACOAT SEALER primer before the actual priming).</p> <p><u>Aluminium surfaces:</u> Sweep blast-clean with none-metallic abrasives to an even roughness. (SaS, SFS 5873) If sweep blasting is not possible, the surface should be roughened by hand abrading or washed with MAALIPESU detergent.</p> <p><u>Primed surfaces:</u> Oil, grease, salt and dirt are removed from the surface by appropriate means. Repair any damage to the primer coat. Note the overcoating time of primer. (ISO 12944-4)</p>
<b>Primer</b>	TEMAPRIME GF.
<b>Finish</b>	TEMALAC, TEMADUR, TEMATHANE, TEMACRYL EA, FONTECRYL and FONTELAC.
<b>Application conditions</b>	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below 5 °C / 41 °F during application and drying. The relative humidity should not exceed 80 %. The temperature of the substrate should remain at least 3 °C / 38 °F above the dew point.
<b>Application</b>	By airless or conventional spray or by brush. Mix the paint thoroughly before use. The paint can be thinned 0 - 20 % at airless spray application and 20 - 30 % at conventional spray application. Airless spray nozzle tip 0.011" - 0.013", spray angle shall be chosen according to the shape of the object.
<b>Thinner</b>	Thinner 1006. Large surfaces Thinner 1053 (slow).
<b>Cleaning of equipment</b>	Thinner 1006.
<b>VOC</b>	The Volatile Organic Compounds amount to 450 ± 20 g/litre of paint.
<b>HEALTH AND SAFETY</b>	<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.</p> <p>A health and safety data sheet is available on request from Tikkurila Coatings Oy.</p> <p>For professional use only.</p>

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