

## Temaprime GF

<b>TYPE</b>	A fast drying, one component anti-corrosive pigmented special primer.
<b>SUITABILITY</b>	Primer for steel, aluminium and zinc surfaces. Recoatable also with polyurethane paints. Can also be used without any topcoat for steel surfaces in dry indoor areas.
<b>EXAMPLES OF USE</b>	Recommended uses e.g. haulage equipment, agricultural, construction and other machinery.

### TECHNICAL DATA

Features	Excellent anti-corrosive properties.
Colour Range	Grey (TVT 4001.) TEMASPEED tinting.
Gloss groups	Matt

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.

Thinner	1006 and 1053
Application method	By airless spray or by brush.

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

Solids volume	50 ± 2 % volume (ISO 3233) 68 ± 2 % weight
Density	1.3 kg / l
Product code	187-series

### INSTRUCTIONS FOR USE

Application conditions	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below 5 °C during application and drying. The relative humidity should not exceed 80 %. The temperature of the substrate should remain at least 3 °C above the dew point.
Preparation	Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)  Steel surfaces: Blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.  Zinc surfaces: 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 FONTECLEAN ZN detergent.

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Hot dip galvanized surfaces are recommended to be painted with a mist coat (paint thinned 25 - 30 %) before the actual priming.

Aluminium surfaces: Sweep blast clean with non-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 FONTECLEAN AL detergent.

Primed surfaces: 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)

Priming	TEMAPRIME GF.
Finishing	TEMALAC, TEMADUR, TEMATHANE, TEMACRYL EA, FONTECRYL and FONTELAC.
Painting	By airless spray or by brush. Mix the paint thoroughly before use. The paint can be thinned 0 - 15 % at airless spray application. Airless spray nozzle tip 0.011" - 0.013" and nozzle pressure 120 - 180 bar. Spray angle shall be chosen according to the shape of the object. Large surfaces Thinner 1053 (slow).
Cleaning of tools	Thinner 1006.
EU VOC 2004/42/ EC-limit value	The Volatile Organic Compounds amount to 440 g/litre of paint. VOC content of the paint (thinned 30 % by volume) is 546 g/l.

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## **HEALTH AND SAFETY CLASSIFICATION**

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 Oy.

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The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.

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