

TEMAPRIME EUR

DESCRIPTION

A fast drying, one component anti-corrosive alkyd primer.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Primer in alkyd systems for steel surfaces exposed to weathering.
- ◆ Ideal for use in assembling plants and painting stations with rapid production cycles.
- ◆ Recommended for steel structures, agricultural, construction and other machinery.
- ◆ Can also be used without any topcoat for steel surfaces in dry indoor areas.

TECHNICAL DATA

Volume solids 51 ± 2 %. (ISO 3233)

Weight solids 70 ± 2 %.

Specific gravity 1.3 kg / l

Product code 186-series.

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
40 µm	80 µm	12.7 m ² /l
60 µm	120 µm	8.5 m ² /l

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

Drying times

DFT 50 µm	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry, after	40 min	20 min	10 min
Touch dry, after	1½ h	40 min	30 min
Recoatable, after	1½ h	40 min	30 min

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

Finish Matt.

Colours Reddish brown (TVT 4000) and grey (TVT 4001). TEMASPEED tinting.

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APPLICATION DETAILS

Surface preparation	<p>Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)</p> <p><u>Steel surfaces:</u> Blast clean at least to grade Sa2. Clean small damages by tool cleaning to St2. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.</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>
Primer	TEMAPRIME EUR.
Finish	TEMALAC, FONTECRYL and FONTELAC.
Application conditions	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +5 °C during application or drying. Relative humidity should not exceed 80 %. The surface temperature of the steel should remain at least 3 °C above the dew point.
Application	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" - 0.015" and nozzle pressure 120 - 180 bar. Spray angle shall be chosen according to the shape of the object.
Thinner	Thinner 1006 or Thinner 1053 (slow).
Cleaning of equipment	Thinner 1006.
VOC	The Volatile Organic Compounds amount is 440 g/litre of paint. Maximum VOC content in ready to use paint (thinned 15 % by volume) is 495 g/l.
HEALTH AND SAFETY	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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