

## 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 uses: 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 <sup>2</sup> /l
60 µm	120 µm	8.5 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	40 min	20 min	10 min
Touch dry	1½ h	40 min	30 min
Recoatable	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.

# TEMAPRIME EUR

## APPLICATION DETAILS

<b>Surface preparation</b>	Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)  <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.  <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)
<b>Primer</b>	TEMAPRIME EUR.
<b>Finish</b>	TEMALAC, 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 or drying. Relative humidity should not exceed 80 %. The surface temperature of the steel 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, 20 - 30 % at conventional spray application. Airless spray nozzle tip 0.011" - 0.015"; spray angle shall be chosen according to the shape of the object.
<b>Thinner</b>	Thinner 1006 or Thinner 1053 (slow).
<b>Cleaning of equipment</b>	Thinner 1006.
<b>VOC</b>	The Volatile Organic Compounds amount to 440 ± 20 g/litre of paint.
<b>HEALTH AND SAFETY</b>	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 Oy.  For professional use only.

tmk020802/186-s.