

## TEMALAC SC-F 20

### DESCRIPTION

A high solids alkyd paint, containing anti-corrosive pigments.

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Recommended as a single coat system for steel surfaces both indoors and outdoors
- ◆ Good application properties
- ◆ High film build
- ◆ Recommended for steel framework, service platforms and different types of machinery and equipment.

### TECHNICAL DATA

**Volume solids** 61 ± 2 %. (ISO 3233)

**Weight solids** 76 ± 2 %.

**Specific gravity** 1.5 kg / l depending on colour.

**Product code** 618-series.

### Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
100 µm	160 µm	6,3 m <sup>2</sup> /l
120 µm	200 µm	5,0 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 times

DFT 80 µm	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry, after	30 min	20 min	10 min
Touch dry, after	8 h	5 h	3 h
Recoatable, after	48 h	24 h	16 h

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

**Finish** Semimatt.

**Colours** RAL, NCS, SSG, BS, MONICOLOR NOVA and SYMPHONY colour cards. 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, use phosphating on cold rolled steel.</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>	TEMALAC SC-F 20
<b>Finish</b>	TEMALAC SC-F 20
<b>Application conditions</b>	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.
<b>Application</b>	<p>By airless or conventional spray. Mix the paint thoroughly before use.</p> <p>At airless spray application the paint should be thinned 0 - 5 % and at conventional spray application 5 - 10 %. Airless spray nozzle tip 0.011" - 0.015" and nozzle pressure 180 - 240 bar. Spray angle shall be chosen according to the shape of the object. In order to reach thicker coats use "wet-on-wet" technique.</p>
<b>Thinner</b>	Thinner 1006.
<b>Cleaning of equipment</b>	Thinner 1006.
<b>VOC</b>	<p>The Volatile Organic Compounds amount is 360 g/litre of paint.</p> <p>VOC content in ready to use paint (thinned 10 % by volume) is 410 g/l.</p>
<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 Oy.</p>

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