

Temalac SC-F 80

DESCRIPTION

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

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Recommended as a single coat system for sand blasted 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 56 ± 2 %. (ISO 3233)

Weight solids 72 ± 2 %.

Specific gravity 1.4 kg / l depending on colour.

Product code 623-series.

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
80 µm	140 µm	7,1 m ² /l
100 µm	180 µm	5,6 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 80 µm	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry, after	30 min	20 min	10 min
Touch dry, after	12 h	6 h	3 h
Recoatable, after	2 weeks	1 week	1 week
Forced drying 1 h / 60 °C			

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

Finish

Gloss.

Colours

RAL, NCS, SSG, BS, MONICOLOR NOVA and SYMPHONY colour cards. TEMASPEED tinting.

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APPLICATION DETAILS

Surface preparation	Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4) <u>Steel surfaces:</u> Blast clean to grade Sa2½. (ISO 8501-1). <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)
Primer	Temalac SC-F 80
Finish	Temalac SC-F 80
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 air-assisted airless, heated airless or conventional spraying. Mix the paint thoroughly before use. At airless spray application the paint should be thinned 5-15 % and at conventional spray application 15-20 %. Airless spray nozzle tip 0.011" - 0.013" and nozzle pressure 160 - 200 bar. With air-assisted airless atomization air pressure 2 bar. Spray angle shall be chosen according to the shape of the object. Use "wet-on-wet" technique (3-5 minutes) for best appearance.
Thinner	Thinner 1006.
Cleaning of equipment	Thinner 1006.
VOC	The Volatile Organic Compounds amount is 400 g/litre of paint. VOC content in ready to use paint (thinned 20 % by volume) is 480 g/l. For more information, see data sheet. Only for industrial and professional use.
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 Oyj.

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