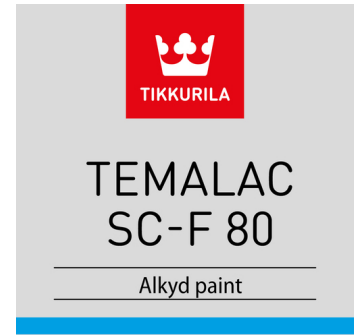




Temalac SC-F 80

- Description** A high-solids alkyd paint, containing anti-corrosive pigments.
- Product features**
- Recommended uses** Recommended for steel framework, service platforms and different types of machinery and equipment.



TECHNICAL DATA



- Features** Recommended as a single coat system for steel surfaces both indoors and outdoors. Good application properties. High film build.

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.

Thinner

1006

Application method

By airless or conventional spray.

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

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



Temalac SC-F 80

Solids volume	56 ± 2 %. (ISO 3233) 72 ± 2 %.
Density	1.4 kg / l depending on colour.
Product code	623-series.

APPLICATION DETAILS

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.
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, use phosphating on cold rolled steel.
Priming	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) Temalac SC-F 80
Finishing	Temalac SC-F 80
Painting	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.
Cleaning of tools	Thinner 1006.
EU VOC 2004/42/EC-limit value	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 industrial and professional use only.

HEALTH AND SAFETY LABELLING
according to Regulation (EC) No. 1272/2008



Temalac SC-F 80

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.

 [Safety data sheet](#)

ENVIRONMENTAL and WASTE DISPOSAL -
TRANSPORT -

FURTHER INFORMATION

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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.