

# Temalac FD 50 - Alkyd paint

**DESCRIPTION** A fast-drying, one-component semi-gloss alkyd topcoat, containing anti-corrosive pigments.



**PRODUCT FEATURES** A semigloss topcoat to be used in alkyd systems for steel surfaces. Excellent gloss and colour retention when exposed to weathering. Ideal for use in machine shops with fast production cycles and in the field. Suitable also for electrostatic painting. Due to anti-corrosive pigments can also be used as a single coat system.

**Recommended uses** Recommended for steel framework, service platforms and different types of machinery and equipment.

## TECHNICAL DATA

Colour Cards	RAL, NCS, SSG, BS, MONICOLOR NOVA and SYMPHONY colour cards. TEMASPEED tinting.
Gloss groups	Semi-gloss
Thinner	1006 and 1053
Solids volume	47 ± 2 % volume (ISO 3233) 64 ± 2 % weight
Density	1.0 - 1.2 kg / l depending on colour
Product code	181-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. Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)

**Preparation** Steel surfaces: Blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.

**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) Temaprime EE, Temaprime EUR, Temaprime GF, Temaprime ML and Fontecryl 10.

**Finishing** Temalac FD 50.

**Painting** By airless spray. Mix the paint thoroughly before use. At airless spray application the paint should be thinned 5 - 8%. Airless spray nozzle tip 0.011" - 0.015" and nozzle pressure 120 - 180 bar. Spray angle shall



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Cleaning of tools	be chosen according to the shape of the object. For large surfaces use Thinner 1053 (slow). Thinner 1006.
EU VOC 2004/42/EC-limit value	The Volatile Organic Compounds amount is 470 g/litre of paint. VOC content in ready to use paint (thinned 8 % by volume) is 500 g/l. Only for industrial and professional use.

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### HEALTH AND SAFETY

#### LABELLING

according to Regulation (EC)

No. 1272/2008

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

 [Temalac FD 50](#)

Thinner safety data sheet

 [Temalac FD 50](#)

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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.

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