

TEMALAC FD 80 ALUMINIUM (14181)

DESCRIPTION

A fast drying, one component glossy alkyd topcoat.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ A glossy, alkyd based topcoat for steel surfaces.
- ◆ Excellent gloss and colour retention when exposed to weathering.
- ◆ Ideal for use in machine shops with fast production cycles.
- ◆ Suitable also for electrostatic painting.
- ◆ Recommended uses: steel structures, service platforms and different types of machinery and equipment.

TECHNICAL DATA

Volume solids 35 ± 2 %. (ISO 3233)

Weight solids 42 ± 2 %.

Specific gravity 1.0 kg / l

Product code 990 2721

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
30 µm	85 µm	11.8 m ² /l
40 µm	115 µm	8.7 m ² /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Drying time

DFT 40 µm	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry, after	40 min	20 min	10 min
Touch dry, after	3 h	1 h	40 min
Recoatable, after	12 d	5 d	4 d
Recoatable, "wet-on-wet", after	1 - 4 h	½ - 2 h	30 min

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

Finish Glossy

Colours Aluminium.

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APPLICATION DETAILS

Surface preparation	<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	TEMAPRIME EE, EUR, GF and ML, FONTECRYL 10.
Finish	TEMALAC FD 80 ALUMINIUM.
Application conditions	All surfaces must be dry. The temperature of the ambient air, surface and paint should not fall below + 5 °C / 41 °F during application and drying. Relative humidity should not exceed 80 %. The temperature of the substrate should remain at least 3 °C / 38 °F above the dew point.
Application	Airless or conventional spray. Mix the paint thoroughly before use. At airless spray the paint should be thinned 15 - 20 % to a viscosity of 30 - 40 s DIN 4. Airless spray nozzle tip 0.011" - 0.015", nozzle pressure 120 - 186 bar, spray angle shall be chosen according to the shape of the object. At conventional spray the paint should be thinned 20 - 30 % to a viscosity of 20 - 40 s DIN 4. At spray application a "wet-on-wet" technique is recommended.
Thinner	Thinner 1006.
Cleaning of equipment	Thinner 1006.
VOC	The Volatile Organic Compounds amount to 560 ± 20 g/litre of paint.
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 Oy. For professional use only.

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