

TEMALAC AB 70

DESCRIPTION

A one component glossy alkyd topcoat.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ A glossy alkyd based topcoat for metal surfaces indoors and outdoors.
- ◆ Good gloss and colour retention also in industrial climate.
- ◆ Application also by brush.
- ◆ Can also be used on wood.
- ◆ Recommended especially for on-site painting of bridges, storage tank exteriors, structural steel and other steel surfaces.

TECHNICAL DATA

Volume solids	52 ± 2 %. (ISO 3233)
Weight solids	67 ± 2 %.
Specific gravity	1.1 - 1.2 kg / l depending on colour.
Product code	610-series.

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
40 µm	80 µm	13.0 m ² /l
60 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 50 µm	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry, after	6 h	3 h	2 h
Touch dry, after	10 h	6 h	4 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

Glossy.

Colours

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

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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 AB, TEMAPRIME EE, TEMAPRIME EUR, TEMAPRIME GF, TEMAPRIME ML and FONTECRYL 10.
Finish	TEMALAC AB 70. Note! Use of Thinner 1006 is recommended when overcoating on TEMAPRIME EE, EUR, GF and ML.
Application conditions	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below + 5 °C during application and 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 airless or conventional spray or by brush. Mix the paint thoroughly before use. At airless spray application the paint should be thinned 0 - 15 %. Airless spray nozzle tip 0.011" - 0.015" and nozzle pressure 120 - 160 bar. Spray angle shall be chosen according to the shape of the object. At conventional spray application the paint should be thinned 20 - 25 %.
Thinner	Thinner 1054 (slow) or Thinner 1006 (fast).
Cleaning of equipment	Thinner 1054 or Thinner 1006.
VOC	The Volatile Organic Compounds amount is 400 g/litre of paint. VOC content of the paint (thinned 25 % by volume) is 496 g/l.
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.

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