

TEMAPRIME AB

DESCRIPTION

A one component anti-corrosive pigmented alkyd primer.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ A white spirit based alkyd primer for interior and exterior steel surfaces.
- ◆ Can be applied also by brush.
- ◆ Recommended especially for on-site painting and for repairing surfaces painted with alkyd systems.

TECHNICAL DATA

Volume solids 52 ± 2 %. (ISO 3233)

Weight solids 70 ± 2 %.

Specific gravity 1.3 kg / l

Product codes 006 7450-1

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	4 h	1 h	50 min
Touch dry	10 h	4 h	3 h
Recoatable	48 h	16 h	12 h

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

Finish Matt.

Colours Reddish brown (006 7450) and grey (006 7451).

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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> Remove rust by power tool cleaning to St2, preferably blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion. <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.
Finish	TEMALAC AB, FONTELAC and FONTECRYL.
Application conditions	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +5 °C / 41 °F during application or drying. Relative humidity should not exceed 80 %. The surface temperature of the steel should remain at least 3 °C / 38 °F 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 can be thinned 0 - 10 %, at conventional spray application 20 - 30 %. Airless spray nozzle tip 0.011" - 0.015"; spray angle shall be chosen according to the shape of the object.
Thinner	Thinner 1054 or 1006.
Cleaning of equipment	Thinner 1054 or 1006.
VOC	The Volatile Organic Compounds amount to 380 ± 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 Coatings Oy. For professional use only.

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