

Temaprime AB

TYPE	A one component anti-corrosive pigmented alkyd primer.
SUITABILITY	A white spirit based alkyd primer for interior and exterior steel surfaces. Can also be applied by brush. Recommended especially for on-site painting and for repairing surfaces painted with alkyd systems.
EXAMPLES OF USE	Steel surfaces.

TECHNICAL DATA

Colour Cards Reddish brown (006 7450) and grey (006 7451).

Gloss groups Matt

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.

Thinner 1054 and 1006

Application method By airless or conventional spray or by brush.

Drying times	DFT 50 µm	+ 10 °C	+ 23 °C	+ 35 °C
	Dust dry, after	4 h	1 h	50 min
	Touch dry, after	10 h	4 h	3 h
	Recoatable, after	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.

Solids volume 52 ± 2 % volume (ISO 3233)
70 ± 2 % weight

Density 1.3 kg / l

Product code 006 7450 and 006 7451

INSTRUCTIONS FOR USE

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: 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.

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)

Priming TEMAPRIME AB.

Finishing TEMALAC AB, FONTELAC and FONTECRYL.

Painting	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 - 25 %. Airless spray nozzle tip 0.011" - 0.015" and nozzle pressure 120 - 180 bar. Spray angle shall be chosen according to the shape of the object.
Cleaning of tools	Thinner 1054 or Thinner 1006.
EU VOC 2004/42/ EC-limit value	The Volatile Organic Compounds amount is 380 g/litre of paint. VOC content of the paint (thinned 25 % by volume) is 469 g/l.

**HEALTH AND
SAFETY
CLASSIFICATION**

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.

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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