

Temaline LP Primer

TYPE	A two component, amine adduct cured epoxy paint.
SUITABILITY	Resistant to splashes and immersion in water and chemicals. Used as a primer and an intermediate coat in epoxy systems inside kerosene and oil tanks. Warning! Not recommended for leadfree petrol tanks. May also be used as a primer in other epoxy paint systems.
EXAMPLES OF USE	Inside kerosene and oil tanks.

TECHNICAL DATA

Features	Withstands immersion in neutral mineral solutions, vegetable and animal fats and oils.
Colour Range	Light grey and reddish brown.
Gloss groups	Semi-gloss

Coverage	Recommended film thicknesses		Theoretical coverage
	dry	wet	
	70 µm	120 µm	8.6 m ² /l
	125 µm	210 µm	4.8 m ² /l

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

Thinner	1031
Mixing ratio	Base 4 parts by volume 008 6965, 008 6966 Hardener 1 part by volume 008 6969
Application method	By airless spray or brush.
Pot-life (+23°C)	8 hours

Drying times	DFT 100 µm	+ 10 °C	+ 23 °C	+ 35 °C
	Dust dry, after	8 h	4 h	2 h
	Touch dry, after	12 h	6 h	3 h
	Recoatible without sanding, min/max. after	32 h - 12 d	16 h - 6 d	8 h - 2 d
	Fully cured, after	14 d	7 d	3 d

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

Solids volume	60 ± 2 % volume (ISO 3233) 70 ± 2 % weight
Density	1.4 kg / l (mixed)
Product code	008 6965, 008 6966

INSTRUCTIONS FOR USE

Application conditions	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +10 °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.
Preparation	Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)

	Steel surfaces: Blast clean to grade Sa2½. (ISO 8501-1)
	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	TEMALINE LP PRIMER.
Finishing	TEMALINE LP PRIMER, TEMALINE LP 60 and TEMACOAT GPL.
Painting	By airless spray or brush. If necessary, the paint can be thinned 5 - 20 %. Airless spray nozzle tip 0.015" - 0.021" and nozzle pressure 120 - 180 bar. Spray angle shall be chosen according to the shape of the object.
Mixing of components	First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use Temaspeed Squirrel Mixer for mixing.
Cleaning of tools	Thinner 1031.
EU VOC 2004/42/ EC-limit value	The Volatile Organic Compounds amount is 450 g/litre of paint. VOC content of the paint mixture (thinned 20 % by volume) is 531 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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