

TEMALINE LP PRIMER

DESCRIPTION

A two component, amine adduct cured epoxy paint.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Resistant to splashes and immersion in water and chemicals.
- ◆ Used as a primer and an intermediate coat for inside epoxy systems to kerosene and oil tanks.
Warning! Not recommended for leadfree petrol tanks.
- ◆ Withstands aliphatic hydrocarbons, alkaline solutions and mild acids.
- ◆ Withstands immersion in neutral mineral solutions, vegetable and animal fats and oils.
- ◆ May also be used as a primer in other epoxy paint systems.

TECHNICAL DATA

Volume solids 60 ± 2 %. (ISO 3233)

Weight solids 70 ± 2 %.

Specific gravity 1.4 kg / l (mixed)

Mixing ratio and product codes

Base	4 parts by volume	008 6965-6
Hardener	1 part by volume	008 6969

Pot life 8 hours (23 °C / 74 °F)

Recommended film thicknesses and theoretical 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.

Drying time

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

Finish Semigloss.

Colours Light grey and reddish brown.

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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> Blast clean to grade Sa2½. (ISO 8501-1) <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	TEMALINE LP PRIMER.
Finish	TEMALINE LP PRIMER, LP 60 and TEMACOAT GPL.
Application conditions	All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +10 °C / 50 °F during application and 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.
Mixing components	First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use a mechanical agitator for mixing.
Application	By airless spray or brush. If necessary, the paint can be thinned 5 - 20 %. Airless spray nozzle tip 0.015" - 0.021"; choose the spray angle according to the shape of the object.
Thinner	Thinner 1031.
Cleaning of equipment	Thinner 1031.
VOC	The Volatile Organic Compounds amount to 450 ± 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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