

## TEMALINE LP 60

### DESCRIPTION

A two component, amine adduct cured epoxy finish.

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Used as a finishing coat for inside epoxy systems to kerosene and oil tanks. Warning! Not recommended for lead-free petrol tanks.
- ◆ Withstands aliphatic hydrocarbons, alkaline solutions and mild acids.
- ◆ Withstands immersion in neutral mineral solutions, vegetable and animal fats and oils.
- ◆ More detailed information on chemical resistance available on a separate table.

### 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 6960
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	
50 µm	85 µm	12.0 m <sup>2</sup> /l
100 µm	170 µm	6.0 m <sup>2</sup> /l

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

### Drying time

DFT 70 µm	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry	4 h	2 h	1 h
Touch dry	14 h	7 h	3½ h
Recoatible, 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** Glossy.

**Colours** White.

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### APPLICATION DETAILS

<b>Surface preparation</b>	<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)
<b>Primer</b>	TEMALINE LP PRIMER.
<b>Finish</b>	TEMALINE LP 60.
<b>Application conditions</b>	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.
<b>Mixing components</b>	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.
<b>Application</b>	By airless spray or brush. If necessary, the paint can be thinned 5 - 20 %. Airless spray nozzle tip 0.011" - 0.017"; choose the spray angle according to the shape of the object.
<b>Thinner</b>	Thinner 1031.
<b>Cleaning of equipment</b>	Thinner 1031.
<b>VOC</b>	The Volatile Organic Compounds amount to 430 ± 20 g/litre of paint.
<b>HEALTH AND SAFETY</b>	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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