

## TEMACHLOR 40

### DESCRIPTION

One component high build paint, based on chlorinated rubber.

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ A finishing coat for chlorinated rubber systems.
- ◆ High film build properties.
- ◆ Can be applied at low temperatures.
- ◆ Recommended for surfaces exposed to marine or industrial climates and mild chemical attack, such as bridges, cranes, conveyors, harbour equipment and tank exteriors.
- ◆ Tolerates temperatures up to 80 °C / 175 °F dry heat.
- ◆ Can be used as a vapour barrier coating for concrete surfaces. VTT's (Technical Research Centre of Finland) report available.

### TECHNICAL DATA

Volume solids	42 ± 2 %. (ISO 3233)
Weight solids	59 ± 2 %.
Specific gravity	1.2 - 1.3. kg / l depending on colour.
Product code	140-series.

### Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
50 µm	120 µm	8.4 m <sup>2</sup> /l
70 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 60 µm	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry	1 h	½ h	15 min
Touch dry	3 h	2 h	1 h
Recoatable	5 h	4 h	3 h

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation. **NB.** Excessive film thickness prolongs the drying time.

### Finish

Semigloss.

### Colours

RAL, NCS, SSG, BS, MONICOLOR NOVA and SYMPHONY colour cards. TEMASPEED tinting.

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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>	TEMANYL MS PRIMER, TEMASIL 90, TEMAZINC 77 and 99.
<b>Finish</b>	TEMACHLOR 40.
<b>Application conditions</b>	All surfaces must be dry. The temperature of the ambient air and surface should not fall below -10 °C / 14 °F during application or drying. Relative humidity should not exceed 85 %. The surface temperature of the steel should remain at least 3 °C / 38 °F above the dew point.
<b>Application</b>	By airless spray or brush. Mix the paint thoroughly before use. Depending on the application method the paint can be thinned 0 - 15 %. Airless spray nozzle tip 0.013" - 0.019", spray angle shall be chosen according to the shape of the object.
<b>Thinner</b>	Thinner 1006 or 1053.
<b>Cleaning of equipment</b>	Thinner 1006 or 1053.
<b>VOC</b>	The Volatile Organic Compounds amount to 550 ± 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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