

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 ² /l
70 µm	170 µm	6.0 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 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

Surface preparation	<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	TEMANYL MS PRIMER, TEMASIL 90, TEMAZINC 77 and 99.
Finish	TEMACHLOR 40.
Application conditions	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.
Application	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.
Thinner	Thinner 1006 or 1053.
Cleaning of equipment	Thinner 1006 or 1053.
VOC	The Volatile Organic Compounds amount to 550 ± 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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