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 ºC / 175 ºF 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.

<table>
<thead>
<tr>
<th>Recommended film thicknesses and theoretical coverage</th>
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</thead>
<tbody>
<tr>
<td>dry</td>
</tr>
<tr>
<td>50 µm</td>
</tr>
<tr>
<td>70 µm</td>
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</tbody>
</table>

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

Drying time

<table>
<thead>
<tr>
<th>DFT 60 µm</th>
<th>+ 10 ºC</th>
<th>+ 23 ºC</th>
<th>+ 35 ºC</th>
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</thead>
<tbody>
<tr>
<td>Dust dry</td>
<td>1 h</td>
<td>½ h</td>
<td>15 min</td>
</tr>
<tr>
<td>Touch dry</td>
<td>3 h</td>
<td>2 h</td>
<td>1 h</td>
</tr>
<tr>
<td>Recoatable</td>
<td>5 h</td>
<td>4 h</td>
<td>3 h</td>
</tr>
</tbody>
</table>

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
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)

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 ºC / 14 ºF during application or drying. Relative humidity should not exceed 85 %. The surface temperature of the steel should remain at least 3 ºC / 38 ºF 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.

The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. When necessary verify the validity of the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of the standards ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions of for inappropriate purposes.