TEMAPRIME EUR

DESCRIPTION
A fast drying, one component anti-corrosive alkyd primer.

PRODUCT FEATURES AND RECOMMENDED USES
♦ Primer in alkyd systems for steel surfaces exposed to weathering.
♦ Ideal for use in assembling plants and painting stations with rapid production cycles.
♦ Recommended uses: steel structures, agricultural, construction and other machinery.
♦ Can also be used without any topcoat for steel surfaces in dry indoor areas.

TECHNICAL DATA
Volume solids 51 ± 2 %. (ISO 3233)
Weight solids 70 ± 2 %.
Specific gravity 1.3 kg / l
Product code 186-series.

<table>
<thead>
<tr>
<th>Recommended film thicknesses</th>
<th>Theoretical coverage</th>
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<tbody>
<tr>
<td>dry 40 µm</td>
<td>80 µm</td>
</tr>
<tr>
<td>60 µm</td>
<td>120 µm</td>
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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 50 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>40 min</td>
<td>20 min</td>
<td>10 min</td>
</tr>
<tr>
<td>Touch dry</td>
<td>1½ h</td>
<td>40 min</td>
<td>30 min</td>
</tr>
<tr>
<td>Recoatable</td>
<td>1½ h</td>
<td>40 min</td>
<td>30 min</td>
</tr>
</tbody>
</table>

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Finish Matt.

Colours Reddish brown (TVT 4000) and grey (TVT 4001). TEMASPEED tinting.
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APPLICATION DETAILS

Surface preparation  Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)

Steel surfaces: Blast clean at least to grade Sa2. Clean small damages by tool cleaning to St2. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.

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  TEMAPRIME EUR.

Finish  TEMALAC, FONTECRYL and FONTELAC.

Application conditions  All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +5 °C / 41 °F during application or 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.

Application  By airless or conventional spray or by brush. Mix the paint thoroughly before use. The paint can be thinned 0 - 20 % at airless spray application, 20 - 30 % at conventional spray application. Airless spray nozzle tip 0.011" - 0.015"; spray angle shall be chosen according to the shape of the object.

Thinner  Thinner 1006 or Thinner 1053 (slow).

Cleaning of equipment  Thinner 1006.

VOC  The Volatile Organic Compounds amount to 440 ± 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.

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