TEMALAC AB 70

DESCRIPTION
A one component glossy alkyd topcoat.

PRODUCT FEATURES AND RECOMMENDED USES
♦ A glossy alkyd based topcoat for metal surfaces indoors and outdoors.
♦ Good gloss and colour retention also in industrial climate.
♦ Application also by brush.
♦ Can also be used on wood.
♦ Recommended especially for on-site painting of bridges, storage tank exteriors, structural steel and other steel surfaces.

TECHNICAL DATA

| Volume solids | 52 ± 2 %. (ISO 3233) |
| Weight solids | 67 ± 2 %.
| Specific gravity | 1.1 - 1.2 kg / l depending on colour.
| Product code | 610-series.

<table>
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<tr>
<th>Recommended film thicknesses and theoretical coverage</th>
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<tbody>
<tr>
<td>dry</td>
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<tr>
<td>40 µm</td>
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<tr>
<td>60 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

| DFT 50 µm | + 10 ºC | + 23 ºC | + 35 ºC |
| Dust dry | 6 h | 3 h | 2 h |
| Touch dry | 10 h | 6 h | 4 h |
| Recoatable | 48 h | 24 h | 16 h |

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

Finish
Glossy.

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: TEMAPRIME AB, TEMAPRIME AB EXTRA, TEMAPRIME EE, TEMAPRIME EUR, TEMAPRIME GF, TEMAPRIME ML and FONTECRYL 10.

Finish: TEMALAC AB 70. Note! The use of the Thinner 1006 for TEMALAC AB 70 is recommended when overcoating on TEMAPRIME EE, EUR, GF and ML.

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 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.

Application: By airless or conventional spray or by brush. Mix the paint thoroughly before use. At airless spray application the paint should be thinned 0 - 15 %. Airless spray nozzle tip 0.011" - 0.015"; spray angle shall be chosen according to the shape of the object. At conventional spray application the paint should be thinned 20 - 30 % to a viscosity of 20 - 30 s DIN 4.

Thinner: Thinner 1054 (slow) or Thinner 1006 (fast).

Cleaning of equipment: Thinner 1054 or Thinner 1006.

VOC: The Volatile Organic Compounds amount to 400 ± 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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