

## 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

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

### Recommended film thicknesses and theoretical coverage

| Recommended film thicknesses |        | Theoretical coverage   |
|------------------------------|--------|------------------------|
| dry                          | wet    |                        |
| 40 µm                        | 80 µm  | 13.0 m <sup>2</sup> /l |
| 60 µm                        | 115 µm | 8.7 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 50 µm  | + 10 °C | + 23 °C | + 35 °C |
|------------|---------|---------|---------|
| 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.

## TEMALAC AB 70

### 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>                 | TEMAPRIME AB, TEMAPRIME AB EXTRA, TEMAPRIME EE, TEMAPRIME EUR, TEMAPRIME GF, TEMAPRIME ML and FONTECRYL 10.  |
| <b>Finish</b>                 | TEMALAC AB 70.<br><b>Note!</b> The use of the Thinner 1006 for TEMALAC AB 70 is recommended when overcoating on TEMAPRIME EE, EUR, GF and ML.  |
| <b>Application conditions</b> | 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.  |
| <b>Application</b>            | 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. |
| <b>Thinner</b>                | Thinner 1054 (slow) or Thinner 1006 (fast).  |
| <b>Cleaning of equipment</b>  | Thinner 1054 or Thinner 1006.  |
| <b>VOC</b>                    | The Volatile Organic Compounds amount to 400 ± 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.<br>A health and safety data sheet is available on request from Tikkurila Coatings Oy.  |

For professional use only.

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