



Temalac AB 70

DESCRIPTION

A one-component glossy alkyd topcoat.

PRODUCT FEATURES AND RECOMMENDED USES

- An easy-to-apply topcoat developed especially for the on-site maintenance painting
- Forms an even paint surface with good gloss and colour retention even in industrial environment
- Has longer open time when thinned with white spirit
- A glossy alkyd based topcoat for metal surfaces indoors and outdoors
- 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 48±2%. (ISO 3233)

Weight solids 63±2%.

Specific gravity 1.1±0.1 kg/l depending on colour.

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
wet	dry	
85 µm	40 µm	12.0 m²/l
125 µm	60 µm	8.0 m²/l

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

Note! The painting work should be performed and supervised according to 12944-7 if not otherwise stated in the respective technical data sheet. Excessive film thickness may result e.g. in cracking, sagging, prolonged drying time, soft film, less chemical resistance, gloss deviation, adhesion and intercoat functionality. In case the product is used otherwise than stated in the standard a written approval from Tikkurila is required.

Drying time

DFT 50µm	+10°C	+23°C	+35°C
Dust dry, after	6h	3h	2h
Touch dry, after	10h	6h	4h
Recoatible, after	48h	24h	16h

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

Gloss

Gloss.

Color shades

RAL, NCS, SSG, BS, MONICOLOR NOVA and SYMPHONY colour cards. Also metallic color shades. Temaspeed Premium tinting

Temalac AB 70

APPLICATION INSTRUCTIONS

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)

Recommended primers Temaprime AB, Temaprime EE, Temaprime EUR, Temaprime GF, Temaprime ML.

Recommended topcoats Temalac AB 70.

Note! Use of Thinner 1006 is recommended when overcoating on Temaprime EE, EUR, GF and ML.

Application conditions All surfaces must be clean, dry and free from contamination. The temperature of the ambient air, surface and paint should not fall below +5°C during application and drying. Relative humidity of the air should not exceed 80% during application and drying. The surface temperature of steel should remain at least 3°C above the dew point. Good ventilation and sufficient air movement is required in confined areas during application and drying.

Application Stir the product carefully before use.

For airless spraying, the product is thinned approximately 0–15%. Recommended nozzle tip is 0.011"–0.015" and pressure 120–160 bar. Spray angle shall be chosen according to the shape of the object.

For conventional spraying, the product is thinned approximately 20–25%. Recommended nozzle tip is 1.4–1.8 mm and pressure 3–4 bar.

Thinners Thinner 1006, Lakkabensiini 1050

Thinner 1050 (slow) or Thinner 1006 (fast).

Cleaning of equipment Thinner 1050 or Thinner 1006.

VOC The Volatile Organic Compounds amount is 415 g/litre of paint.
VOC content of the paint (thinned 25% by volume) is 499 g/l.
VOC 2004/42/EC (cat A/i) 500 g/l (2010)

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 Oyj.

For industrial and professional use only.

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.