



TIKKURILA

# UNICA ULKOKALUSTEMAALI

SPECIAL ALKYD PAINT / SEMI-GLOSS

## DESCRIPTION

Special alkyd paint.

## RECOMMENDED USES

Furniture, machinery, vehicles, boats, tools, etc.

## PRODUCT FEATURES

For interior and exterior painting of metal and wood furniture. Also suitable for various plastic surfaces, such as fiberglass and plastic boats (surfaces above the water line). See directions for use.



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## TECHNICAL DATA

<b>Base paints</b>	A BASE, C BASE
<b>Colour Shades</b>	<b>Color cards:</b> Symphony Color System, Feel the Color, Feelings colour collection, Feel the Color 2020, Facade 760 colour collection. Can be tinted in Tikkurila exterior colors.
<b>Gloss</b>	Semi-gloss.
<b>Coverage</b>	Smooth wooden surfaces: 10-12 m <sup>2</sup> /l. Metal and plastic surfaces: 12-14 m <sup>2</sup> /l.
<b>Can sizes</b>	A BASE: 0.225 l, 0.9 l, 2.7 l, 9 l C BASE: 0.225 l, 0.9 l, 2.7 l, 9 l
<b>Application method</b>	Brush, spray or short pile roller.  Airless spraying – nozzle 0.009"–0.013" (0.230–0.330 mm) – thin 5–20% by volume.  Conventional spraying – fluid nozzle 1.4 mm – 1.8 mm – thin 25–35% by volume (DIN4 18–25 s) (when spraying, the dry film thickness must not exceed 40 µm)
<b>Drying time</b>	Dust dry after 2 hours. Recoatable after 16 hours.
<b>Density (kg/l)</b>	0.9–1.2 kg/l depending on the color, ISO 2811
<b>Chemical resistance</b>	Resistant to detergents, mild alkalis and mild acids. Resistant to turpentine, white spirit and denatured alcohol. Not resistant to e.g. thinner. Resistant to lubricating oils and greases. Any fuel splashes must be wiped off immediately.
<b>Abrasion resistance</b>	Good
<b>Wash resistance</b>	Good with ordinary detergents, SFS 3755.
<b>Heat resistance</b>	120 °C, light shades will yellow slightly at temperatures >80 °C, ISO 4211-3.
<b>Volume solids (%)</b>	42
<b>Storage</b>	Unaffected by cold storage or transportation.

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.

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## APPLICATION INSTRUCTIONS

### Application conditions

The surface to be painted must be dry, the temperature at least +5°C and the relative humidity of the air below 80%.

### Surface preparation

Unpainted surfaces:

Clean unpainted metal and wood surfaces of any dirt, dust, grease and oil. Remove any white rust from galvanized surfaces by brushing. Wipe plastic surfaces with a solvent, e.g. thinner 1029 or other denatured ethanol (such as Sinol). Sand the surface and remove the sanding dust. Due to the differences between types of plastics, the effect of solvent and adhesion of the paint should be tested in a small area before painting the entire surface. Prime wood surfaces with Jehu or Otex. Prime metal surfaces with Rostex Super anti-corrosive primer. Aluminum surfaces must be roughened before priming.

Previously painted surfaces:

Wash the surfaces with Maalipesu detergent and rinse carefully with water. Remove any loose paint with a scraper and sand the entire surface. Remove the sanding dust. Use Lakkakitti to fill any holes and cavities. Sand the filled areas and remove the sanding dust. Apply an intermediate coat of Jehu or Otex to worn out wood surfaces or Rostex Super anti-corrosive primer to metal surfaces.

When you paint with a bright red, yellow or orange color, prime wood surfaces with Jehu or Otex tinted to the same color. Zinc-coated, aluminum and steel surfaces should be primed with light gray Rostex Super.

### Painting

Stir the paint thoroughly before use and, if necessary, thin with White Spirit 1050 for brush application and with Ruiskuohenne 1032 for spray application. Apply 1–2 coats by brush, roller or spray.

### Cleaning of tools

Clean tools with White Spirit 1050 or Tikkurila Pensselipesu (Tool Cleaner).

### Maintenance instructions

If needed, after approx. 1 month from painting, at the earliest: Clean the surface with a neutral (pH 6–8) dish washing solution and a soft brush, sponge or cleaning cloth. Clean soiled surfaces using mild alkaline (pH 8–10) detergent solution and a cloth, mop or sponge. Rinse the surface carefully.

The product achieves its final hardness and durability after one month under normal conditions, therefore the surfaces must be handled with care during a couple of weeks. If the surfaces need to be cleaned soon after finishing, clean them lightly with a soft brush, damp cleaning cloth or mop.

### Environmental protection and waste disposal

Avoid spillage into drains, water systems and soil. Destroy liquid waste according to the local regulations for hazardous waste. Recycle empty, dry cans or dispose them of in accordance with local regulations.

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## Health and Safety

**Contains:** hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%), hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics. **Warning.** Flammable liquid and vapor. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/clothing. **Warning!** Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.



GHS02



GHS07



GHS08

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