



TIKKURILA

## UNICA SUPER 90

DURABLE URETHANE ALKYD LACQUER / FULL GLOSS

### DESCRIPTION

Quick drying urethane alkyd lacquer. Contains a UV-protective agent which slows down the yellowing effect caused by sunlight. Tinted product gives better protection against sunlight than untinted product.

**RECOMMENDED USES** Boats, furniture and floors that are subject to light mechanical and chemical stress.

**PRODUCT FEATURES** Suitable for application on interior and exterior wooden surfaces.



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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## TECHNICAL DATA

<b>Base paints</b>	EP BASE
<b>Colour Shades</b>	<p><b>Color cards:</b>  Interior wood stains and lacquers colour card, Valtti - Semi-transparent wood finishes, Tikkurila Timeless Translucent  Can be tinted in Tikkurila translucent colors. Make a trial application on a small area to ensure that the color is correct. If the color is too dark, add colorless Unica Super or White Spirit 1050.</p>
<b>Gloss</b>	Full gloss.
<b>Coverage</b>	12 - 14 m <sup>2</sup> /l.
<b>Can sizes</b>	0.225 l, 0.9 l, 2.7 l, 9 l
<b>Application method</b>	Brush or spray. For airless spray use a nozzle 0.009" - 0.013" i.e. 0.230 - 0.330 mm. - thinning 0-10 vol-%.
<b>Drying time</b>	<p>Dust dry after 2 hours, dry to handle after 6 hours. The next coat can be applied after 24 hours. Final hardness and durability is reached after approximately 4 weeks. The drying time is dependent on ventilation, relative humidity of the air, temperature and thickness of the paint film.</p>
<b>Density (kg/l)</b>	0.9 kg/l, ISO 2811
<b>Chemical resistance</b>	Resists petrol, naphtha, white spirit and denatured alcohol, vegetable and animal fats, lubricants and grease. Does not resist, for example, thinner.
<b>Wash resistance</b>	Excellent with all common detergents, SFS 3755.
<b>Volume solids (%)</b>	48
<b>Storage</b>	Unaffected by cold storage or transportation. Badly closed or short cans endure badly long-time storage.

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## APPLICATION INSTRUCTIONS

### Application conditions

The surface to be varnished must be dry. The temperature of the air must be at least +5 °C, and the relative humidity of the air below 80 % during varnishing and drying. Do not apply during strong sunlight or during damp and cold weather. Time the work so that the lacquer film will have enough time to dry before evening dew.

### Surface preparation

New unvarnished surfaces:

Clean the surface by removing any dirt and dust. Wipe hardwood surfaces with White Spirit 1050 before surface treatment. Always prime exterior wooden surfaces, that are subjected to the weather, with Valtti Pohjuste priming oil prior to applying lacquer.

Previously varnished surfaces:

Wash the surface with Maalipesu cleaning agent and rinse carefully with water. Remove old/loose lacquer with a scraper. Sand the whole surface and remove sanding dust.

### Lacquering

Stir the lacquer well before use. Prime for untreated surfaces thinned with max. 20 % White Spirit 1050. Apply 2-3 thin and even layers. Thin the top lacquer 0-20%, if necessary.

Apply 1-2 coats of unthinned lacquer on previously lacquered surfaces. Sand the surface lightly between coats. Note! Always prime exterior surfaces with full-gloss Unica Super 90.

If you use a tinted product, make a trial lacquering first on a separate piece of wood to be sure of the right colour. If necessary, thin the top lacquer 20% .

Maintenance lacquering: Check the condition of the lacquered surface and perform maintenance treatment as necessary. The maintenance interval of a tinted product is longer than that of a colorless product. Surfaces varnished with Unica Super can be maintenance lacquered with the same or similar solvent-borne lacquer. See pretreatment.

### Cleaning of tools

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

### Maintenance instructions

If needed, approx. 1 month after lacquering at the earliest: Clean surface with a neutral (pH 6-8) dish-washing agent and a soft brush, sponge or a cleaning cloth. Clean very dirty surfaces with a mild alkaline (pH 8-10) cleaning solution and e.g. a cleaning 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 cleaning soon after surface treatment, clean them lightly using a soft brush, a damp cloth or a mop.

### Maintenance treatment

Observe the condition of the exterior surface and recoat when necessary. Longer maintenance interval can be obtained with a tinted product compared to a colourless product. If the surface was previously treated with Unica Super lacquer, all similar solventborne lacquers can be used for maintenance painting.

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### 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. Note! Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials can create fire some hours later and should be soaked in water and placed in a closed metal container before disposal.

### Health and Safety

**Contains:** hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics. **Warning.** Flammable liquid and vapor. May cause drowsiness or dizziness. 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. Avoid breathing mist/vapors/spray. Use only outdoors or in a well-ventilated area.



GHS02



GHS07

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