

TIKKURILA

UNICA AKVA LAKKA

DOOR AND WINDOW LACQUER

DESCRIPTION	Special lacquer based on modified acrylate. Contains an UV protection agent and forms a water-repellent surface.
RECOMMENDED USES	Window frames, doors and frames. Also wooden panel surfaces of glazed balconies.
PRODUCT FEATURES	Interior and exterior lacquering of new and previously lacquered or stained wood surfaces. Ideal for maintenance painting of industrially lacquered and stained wood surfaces. Not recommended for dense and hard wood species like oak or teak.

RAKENNUSTIETO · M1 · EMISSION CLASSIFICATION

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

Base paints	EPL BASE
Colour Shades	**Color cards:** Interior wood stains and lacquers colour card, Valtti - Semi-transparent wood finishes, Tikkurila Timeless Translucent In interior use can be used either as such or tinted to the semi-transparent Tikkurila colors. In exterior use only tinted product.
Gloss	Semi-gloss.
Coverage	8-12 m²/l.
Can sizes	0.225 l, 0.9 l, 2.7 l, 9 l
Application method	Synthetic brush application. Spray application: - Conventional spray: nozzle 1.4-1.8 mm, thinning 5-15 vol.-% - Airless spray: nozzle 0.009″-0.013″, thinning 0-5 vol-%
Drying time	Dust dry in 1-2 hours. Recoatable the following day. Ready to use hardness after 2-3 days. Windows can be closed after 1-3 days depending on weather conditions and film thickness. In lower temperatures and in damp weather the drying time is longer.
Density (kg/l)	approx. 1.00 kg/l depending on color, ISO 2811.
Light resistance	Does not turn yellow.
Volume solids (%)	31
Storage	Protect from frost. Badly closed or short cans endure badly long-time storage.

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APPLICATION INSTRUCTIONS

Application conditions

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

Surface preparation

Take out the fuzzy or gray wood surface mechanically.

Untreated surface:

Clean the untreated wood surface of any dirt, mold or loose material. Wash the previously painted surfaces with Maalipesu or Homeenpoisto, if necessary. Remove loose resin from knots.

Prime the bare wood surfaces with Valtti Plus Base or Valtti Primer.

A surface previously lacquered or stained:

Use a wire brush to remove any loose material from a previously treated surface. Wash the previously painted surfaces with Maalipesu or Homeenpoisto, if necessary. Sand any glossy surfaces non-glossy and round any sharp edges. Remove the sanding dust. Interior wooden parts: Apply Spakkeli Wood Putty to holes and dents and sand the treated surfaces. Prime the bare wood surfaces with Valtti Plus Base or Valtti Primer.

Apply Presto Window Putty to make the glazing. Note! Unica Akva Lacquer cannot be appliedon top of silicone putty or on a surface stained with silicone.

Priming

Remove weathered grey wood surface mechanically.

Untreated surface:
Clean untreated wood surface from dirt, mould and loose particles. Wash surfaces with Maalipesu Cleaning Agent or with Homeenpoisto Mould Removal, if necessary. Remove loose resin from wood knots.

Prime bare exterior wood surfaces with Valtti Plus Base or Valtti Pohjuste Priming Oil.

Surface treated previously with a lacquer or translucent finish:
Remove loose lacquer and putty from previously treated surface. Wash surfaces with Maalipesu or Homeenpoisto Mould Removal, if necessary. Sand glossy surfaces until matt and round sharp corners. Remove sanding dust.
Interior wood work: fill holes and cracks with Spakkeli Wood Putty and sand the filled areas.
Treat exterior bare wood surfaces with Valtti Plus Base or Valtti Pohjuste Priming Oil.

Apply Presto Window Putty for window frames. Note! Product can't be applied on top of silicone putties or on surfaces contaminaned with silicone.

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Lacquering
Stir the product paint thoroughly down to the bottom before use. Spread 1-2 times with a brush, twice for new surfaces.

On large surfaces, it is recommended to first apply the paint with a roller and then level the coat with a brush. Don't let the working edge dry out. Varnish can be diluted by water, max 5 %, for brushing (if necessary). The lacquer dries quickly, so the work is best done in strips. We recommend the use of synthetic brushes with multi-branched bristles.

Treat the end grains of wood with particular care.

Cleaning of tools
Clean the tools with water and soap Remove excess paint/ lacquer from tools and clean with water. Tikkurila Pensselipesu Tool Cleaner is recommended to remove slightly hardened paint.

Maintenance instructions
The product achieves its final hardness and durability at the earliest after 2 weeks under normal conditions, therefore the surfaces must be handled with care during this time. If the surfaces need to be cleaned soon after finishing, clean them lightly with a soft brush, damp cleaning cloth or mop.

At the earliest after 2 weeks from finishing the surfaces can be cleaned with Talon Huoltopesu (1 part Talon Huoltopesu in 10 parts of water). Very dirty surfaces and stains can be cleaned with a stronger Huoltopesu solution (1:1). Rinse the surfaces and allow to dry.

Maintenance treatment
Unica Akva Lacquer can be maintenance treated with Unica Akva Lacquer. See Preparation.

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.

Health and Safety
Contains: 2-octyl-2H-isothiazol-3-one (OIT). **Warning.** May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects. Avoid release to the environment. Wear protective gloves. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Contains small amounts of sensitizing substances: 1,2-benzisothiazol-3(2H)-one (BIT), reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (C(M)IT/MIT (3:1)) and 3-iodo-2-propynyl butylcarbamate (IPBC). This product contains a biocidal product for the preservation of the product during storage. Contains: C(M)IT/MIT (3:1).



GHS07 GHS09

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