



TIKKURILA UNICA AKVA LACQUER DOOR AND WINDOW LACQUER

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| 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. |

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 | |
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| Paint product group 2012 | 512 Puupintaisten seinien ja kattojen sekä puukalusteiden, ovien ja ikkunapuitteiden vesiohenteiset lakat RL 03...04 , 531 Puupintojen vesiohenteiset lakat RL 11...12, 485 Puuvien ja -ikkunoiden vesiohenteiset kuullotteet ulkokäyttöön |
| Base paints | EPL BASE |
| Colour Shades | 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. |
| Binder | Acrylate |
| Coverage | 8-12 m ² /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 (23°C and 50% relative air humidity) | 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 applied on 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! Unica Akva Lacquer can't be applied on top of silicone putties or on surface contaminated with silicone.

Stir the Unica Akva Varnish 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. Unica Akva 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.

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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 Huoltopesu (1 part 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.

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