

UNICA AKVA LACQUER

Door and Window Lacquer

TYPE Special lacquer based on modified acrylate. Contains an UV protection agent and forms a water-repellent surface.

EXAMPLES OF USE Window frames, doors and frames. Also wooden panel surfaces of glazed balconies.

SUITABILITY 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.

TECHNICAL DATA

Base paint EPL

Colors In interior use can be used either as such or tinted to the semi-transparent Tikkurila colors. In exterior use only tinted product.

Gloss grade Semi-gloss

Building material emission classification M1

Coverage 8-12 m²/l.

Packaging 0.225 l, 0.9 l, 2.7 l ja 9 l

Thinner Water

Application method Synthetic brush

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 at +23 °C relative humidity of the air RH 50 % 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.

Color resistance No yellowing

Weather resistance Good, also in industrial environment

Solids volume approx. 31 % depending on color

Density approx. 1.00 kg/l depending on color, ISO 2811.

EU VOC 2004/42/EC-limit value cat A/e (130 g/l)(2010). Unica Akva Lacquer contains VOC max. 130 g/l.

Storage Protect from frost. Poorly closed or half empty can does not withstand long term storage

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INSTRUCTIONS

Painting 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.

Pretreatment

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 surfaces contaminated with silicone.

Painting

Stir Unica Akva Lacquer thoroughly before use. Apply with a brush 1-2 times, on new surfaces 2 times.

On large surfaces it is best to apply the lacquer first with a short-napped roller and then smoothed out at once with a brush. Do not let the edges of the stripe get dry. Unica Akva Lacquer can be thinned for brush application with max. 5 % of water.

The lacquer dries quickly and it is recommended to do the work in strips. The best application tools are synthetic fiber brushes that have multi-branched bristles.

Treat visible wood end-grains carefully.

Maintenance treatment:

Unica Akva Lacquer can be maintenance treated with Unica Akva Lacquer. See Pretreatment.

Cleaning of tools

Remove excess lacquer from the tools. Wash them with soap and water. Tikkurila Pensselipesu is recommended for removal of hardened lacquer.

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.

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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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). After washing rinse and let dry.

HEALTH AND SAFETY CLASSIFICATION / LABELLING according Regulation (EC) 1272/2008

Harmful to aquatic life with long lasting effects. Contains 2-octyl-2H-isothiazol-3-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one and 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction. Wear protective gloves. Avoid release to the environment.

A Safety Data Sheet is available on request.

ENVIRONMENT

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

TRANSPORT

Not classified.

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