



TIKKURILA

UNICA AKVA MAALI

INTERIOR AND EXTERIOR PAINT FOR DOORS AND WINDOWS**DESCRIPTION**

Acrylic paint.

RECOMMENDED USES

Window frames, doors, frames and garden furniture. Also suitable for wooden panel surfaces of glazed balconies.

PRODUCT FEATURES

For interior and exterior painting of new and previously painted or lacquered wood surfaces and primed metal surfaces. Ideal for maintenance painting of industrially painted and lacquered surfaced and surfaces treated with translucent finish. Not recommended for powder-coated aluminium surfaces.





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TECHNICAL DATA	
Base paints	A BASE, C BASE
Colour Shades	Color cards: Symphony Color System, Wooden facades. Can be tinted in Tikkurila exterior colors.
Coverage	7–9 m ² /l.
Can sizes	A BASE: 0.225 l, 0.9 l, 2.7 l, 9 l C BASE: 0.225 l, 0.9 l, 2.7 l
Application method	Spreading with synthetic fiber brush or short-napped roller, smoothing with brush. Spraying: - Conventional spray: nozzle 1.4-1.8 mm thinning 0-10 vol-% - Airless spray: nozzle 0.009"-0.013", thinning 0-5% by volume
Drying time (23°C and 50% relative air humidity)	Dust dry in 0.5 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. The surface is completely cured and has achieved its resistance properties after approx. 2 weeks. At lower temperatures and during damp weather the drying time is longer.
Density (kg/l)	approx. 1.20 kg/l depending on color, ISO 2811.
Light resistance	Does not turn yellow.
Volume solids (%)	40
Storage	Protect from frost. Badly closed or short cans endure badly long-time storage.

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 of the air at least +5°C and the relative humidity below 80% during painting and drying.

Surface preparation

Remove weathered or grayed wood surface mechanically.

Unpainted surfaces:

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

Prime bare exterior wood surfaces with Tikkurila priming oil. To prevent possible seepage from bare wood, surface priming of exterior surfaces with Öljypohja and for interior surfaces Otex is recommended. Wash metal surfaces with Maalipesu or Panssaripesu Roof Cleaning Agent. Remove any possible rust. Prime exterior metal surfaces with Rostex Super Akva and interior metal surfaces with Rostex Super Akva or Otex.

NB! If Otex is used as a primer, final adhesion to primer is achieved after 2 weeks from finishing. During this time, avoid attaching masking tape or other similar items on the painted surface

Previously painted surface:

Remove any loose paint and putty from the previously painted surface. Wash wood surfaces with Maalipesu (or Homeenpoisto) if necessary, and metal surfaces with Maalipesu or Panssaripesu. Sand any glossy surfaces non-glossy and round any sharp edges. Remove the sanding dust. Interior wooden parts: Fill holes and cracks with Presto Kalustekitti or Pikasilote filler and sand the filled spots.

Treat exterior bare wood surfaces with Tikkurila priming oil. Prime worn-out exterior wood surfaces with Öljypohja or Ultra Primer. Priming of bare wooden surfaces is recommended to slow down any possible seepage.

Prime bare metal surfaces with Rostex Super Akva, and previously factory-primed metal surfaces with Rostex Super Akva. Apply Presto Window Putty to make the glazing after priming.

NB! Prime previously industrially painted metal surfaces with Rostex Super Akva. Apply Presto Window Putty for window frames after priming. Note! Unica Akva can't be applied on top of silicone putties or on surfaces contaminated with silicone.

Painting

When you paint with bright red, yellow or orange Unica Akva, prime the surface first with a primer of light color or similar color to the finish. The suitable primers have been listed above.

Stir Unica Akva Varnish thoroughly down to the bottom before use. Apply with brush, roller or spray 2 times.

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

On window surfaces, the paint must extend 1–2 mm over the window pane.

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Treat the end grains of wood with particular care.

Wood contains resin and other staining extracts, particularly around knots, which can cause discoloration or bleeding in the painted surface due to variations in temperature and humidity.

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 a surface needs cleaning soon after treatment, use a soft brush, a damp cloth or a mop.

After 2 weeks from finishing at the earliest, dirty surfaces can be cleaned with Huoltopesu (1 part Huoltopesu in 10 parts of water). Clean stains and very dirty surfaces with a stronger Huoltopesu solution (1:1). After washing, rinse the surfaces and allow to dry.

Maintenance treatment

Unica Akva can be maintenance painted directly with Unica Akva without priming. See Pretreatment.

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

Harmful to aquatic life with long lasting effects. Contains 2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated, 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) (C(M)IT/MIT (3:1)), 2-octyl-2H-isothiazol-3-one (OIT) and 3-iodo-2-propynyl butylcarbamate (IPBC). May produce an allergic reaction. Avoid release to the environment. Wear protective gloves. This product contains a biocidal product for the preservation of the product during storage. Contains: 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) (C(M)IT/MIT (3:1)).

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