



TIKKURILA

# UNICA AKVA MAALI

SEMI-GLOSS DOOR AND WINDOW PAINT

**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.



## UNICA AKVA MAALI

TECHNICAL DATA	
<b>Base paints</b>	A BASE, C BASE
<b>Colour Shades</b>	<b>Color cards:</b> Symphony Color System, Wooden facades, Wooden facades 2018, Facade 760 colour collection Can be tinted in Tikkurila exterior colors.
<b>Gloss</b>	Semi-gloss
<b>Coverage</b>	7–9 m <sup>2</sup> /l.
<b>Can sizes</b>	A BASE: 0.225 l, 0.9 l, 2.7 l, 9 l C BASE: 0.225 l, 0.9 l, 2.7 l
<b>Application method</b>	Spreading with synthetic fiber brush or short-napped roller. 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
<b>Drying time</b>	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.
<b>Density (kg/l)</b>	approx. 1.20 kg/l depending on color, ISO 2811.
<b>Light resistance</b>	Does not turn yellow.
<b>Volume solids (%)</b>	40
<b>VOC</b>	EU VOC-limit value (cat A/d) 130g/l(2010). Unica Akva Maali contains VOC max. 130 g/l.
<b>Storage</b>	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

Remove weathered or grayed wood surface mechanically.

#### Unpainted surfaces:

Clean the untreated wood surface of any dirt, mold or loose material. Wash the wooden surfaces with Maalipesu cleaning agent or Homeenpoisto (Mold Removal), if necessary. Wash metal surfaces with Maalipesu, interior, or Panssaripesu, exterior. Remove loose resin from wood knots. Remove rust from metal surfaces.

Prime bare exterior wood surfaces with Tikkurila priming oil. Prime bare exterior wood surfaces once with Teho Primer and interior surfaces with Otex. 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 treated surface:

Remove any loose paint or lacquer and putty from the previously treated surface. Wash wood surfaces with Maalipesu or Homeenpoisto if necessary. Wash metal surfaces with Maalipesu or exterior metal surfaces with 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 Pikasilote filler and sand the filled spots.

Treat exterior bare wood surfaces with Tikkurila priming oil. Prime bare exterior wood surfaces with Teho Primer and interior wood surfaces with Otex. Priming of bare wooden surfaces is recommended to slow down any possible seepage.

Prime bare metal surfaces with Rostex Super Akva and interior metal surfaces with Rostex Super Akva or Otex. Apply Unica Window Putty to make the glazing after priming.

NB! Apply Unica 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 Maali thoroughly down to the bottom before use. Apply with brush, roller or spray 2 times.

On large surfaces, apply the paint with a short-napped roller. 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.

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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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. Remove excess paint from tools and clean with water and soap. 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 one month from painting, a dirty surface can be cleaned with Talon Huoltipesu (mix 1 part of Talon Huoltipesu with 10 parts of water). Clean stains and very dirty surfaces with a stronger solution of Talon Huoltipesu and water (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

**Contains:** 2-octyl-2H-isothiazol-3-one (OIT). **Warning.** May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Avoid breathing mist/spray. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves. **IF ON SKIN:** Wash with plenty of soap and water. **Warning!** Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Contains small amounts of sensitizing substances: 2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated, 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: 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)).



GHS06



GHS09

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