

TIKKURILA EVERAL AQUA MATT [10]

Acrylic enamel for interior and exterior

PRODUCT DESCRIPTION

TIKKURILA EVERAL AQUA MATT [10] – Newest generation, universal, waterborne, matt acrylic enamel, with high durability. Available in wide range of colours (over 13 000 colours). The product is designed for painting interior and exterior wood, chipboard and previously primed metal surfaces, as well as to the surface: steel, galvanized steel, acid-resistant steel, aluminum, copper, plastic, glass, ceramic tiles - after the preparation of the surface. Enamel can also be used for renovation painting of surfaces previously painted with alkyd paints or chemically hardened. Thanks to modern technology, the painted surface is resistant to mechanical damage, does not yellow over time and protect the painted surface against weather conditions.

Benefits and features:



- **HIGH DURABILITY OF PAINTED SURFACE:**
 - Variable weather conditions and UV rays
 - Mechanical damage
 - High temperature – enamel recommended, among others for radiators
 - For washing, detergents, scratches
- **ATTRACTIVE FINAL EFFECT:**
 - Anti-yellowing surface
 - Stable gloss grade over time
 - Very good covering power
 - Wide range of over 13 000 colors
- **CARE FOR HEALTH AND ENVIRONMENT**
 - Recommendation of Polish Society of Allergy *
 - Neutral smell during application
- **TIME SAVING AND COMFORT OF USE:**
 - Quick drying time
 - Very good spreading and adhesion to the substrate
 - The product does not drip and does not splash

* Recommendation of Polish Society of Allergy refers to the product after complete drying of the painted surface and thorough airing of the room.

TECHNICAL DATA

Colours	Tikkurila Symphony Colour Card, NCS and RAL. Information about the colors for exterior use is available in the tinting system.
Can size	0,45 l; 0,9 l; 2,7 l; 9l
Base	A and C. NOTICE: gloss grade can be affected by the intensity of the chosen color and the thickness of the surface.

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Gloss grade	Matt.
Examples of use	Painting of: furniture, doors, windows, garder furniture, baseboards, radiators, etc. Do not recommend for painting of metal roofs and facades.
Solids content	Base A approx. 36% vol. Base C approx. 29% vol.
Density	Base A approx. 1,3 kg/l. Base C approx. 1,04 kg/l.
Coverage	Up to 14 m ² /l per one coat. Actual coverage depend on many factors, such as surface texture, porosity and moisture content of the surface.
Drying time	In temperature +23°C, and relative air humidity 50% dust dry after 1, application of next coat after min. 4 hrs. Surface is fully harden after 2-3 days.
Durability to atmospheric conditions	Good.
Durability to temperature	Max. +100°C, at higher temperatures the surface has a tendency to yellowing, PN-EN ISO 3248:2001.
Durability to disinfectants	Good, acc. to norm: PN-EN ISO 2812-3:2012.

APPLICATION INSTRUCTION

Surface preparation

All surfaces should be thoroughly cleaned from dirt, dust and grease. Previously painted surfaces clean with Tikkurila Maalipesu. Rinse cleaned surface thoroughly with water and allow to dry. Remove the flaking pieces of old paint. Smooth and shiny surface should be roughened and thoroughly dusted. If necessary, level the surface with a suitable filler, and after drying sand and remove dust. All substrates painted with primes: Tikkurila Rostex Super Akva, Tikkurila Otex Akva Adhesion Primer and impregnate Tikkurila Valtti Guard must be repainted after 24 hours from application of the last layer.

Wooden surfaces: New, interior wooden surfaces or wooden like surfaces should be primed with Tikkurila Everal Aqua Primer. Absorbent wooden surfaces prime first with primer diluted 5-10%, than sand the surface and if necessary apply coat of undiluted Tikkurila Everal Aqua Primer. Wood surfaces having knots and a tendency to yellowing resulting from the leakage of resin and other substances that cause pigmentation, protect with primer Tikkurila Multistop accordance with the instructions for use, and then apply the finish enamel. Exterior wood surfaces should be primed with Tikkurila Valtti Guard.

Metal surfaces: interior and exterior use surfaces prime with Tikkurila Rostex Super Akva. Enamel can be used without primer for metal surfaces in dry areas that do not require corrosion protection. However, the use of the primer improves adhesion and visual effect of the finish coat.

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Others surfaces: aluminum, copper, wood, plastic, glass and ceramic should be roughened and primed with Tikkurila Otex Akva Adhesion Primer before applying the enamel top coat.

Previously painted surfaces: should be wash carefully with special agents to remove all contaminations which will decrease the adhesion of the enamel. Rinse carefully with water and allow to dry. Glossy surfaces must be flattened down. If necessary, level the surface with the help of putty and sanded after drying. Hard and shiny surface should be roughened. Notice: Before the renovation of old coatings should be performed test application that will assess the adhesion of the new paint to the painted surface. Positive result determines the use of the product.

Applicaiton method

Brush, roller, spray.

Conditions for air spray:

- pressure: 3-4 bar
- nozzle: 1.4-1.8 mm
- thinning: 20-40% vol.

Conditions for airless spray:

- pressure: 140-160 bar
- nozzle: 0,009"-0,013"
- thinning: 0-5% vol.

Conditions for airless spray with air cover:

- pressure: 80-120 bar
- nozzle: 0.009-0.011
- thinning: 0-5% vol.
- atomization air pressure: 1-2 bar

Application conditions

Painted surface must be dry. Painting carried out in temperature from +8°C to +25°C and relative air humidity below 80%. Temperature of painted surface should be min. 3°C higher than the dew point temperature. The producer is not responsible for the poor quality of painting of a breach of its recommendations.

Application

Before painting stir paint thoroughly. Apply 1-2 coats with roller, brush or spray. If necessary dilute the enamel with water up to 5%. It is recommended to use ANZA tools.

Tools cleaning

Before washing tools should be thoroughly wiped in order to remove as much paint. Clean tools with water immediately after the completion of the work.

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PRODUCT SAFETY

Environmental

Empty containers and packaging containing residues of paints pass to the point for the collection of this waste. Detailed information on the possibility of collecting waste from your local Municipal Office.

Work health and safety and fire protection measures:

During application wear protective gloves/clothing. Contains: 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. Closed spaces after application of the paint should be ventilated until the odor disappears after this time they are suitable for use.

Storage and transport

Storage and transport in tightly closed containers in temperature +5°C – +25°C in dry and ventilated areas. Protect from frost. Product not classified as a dangerous under ADR/RID regulations.

VOC

Cat. A/d. Acceptable VOC content since 2010r. - 130 g/l.
Cat. A/b. Acceptable VOC content since 2010r. - 100 g/l.
Product contains below 100g/l of VOC.

"This information is not exhaustive and complete. The data are based on laboratory tests and practical experience are transferred in accordance with the best of our knowledge. Product quality is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As a manufacturer we can not control the conditions under which the product is used or a variety of factors that affect the use and application of the product. We do not take responsibility for damage caused by using the product in a manner inconsistent with the recommendations and in the wrong purposes. We reserve the right to change the information given without prior notice. "