



TIKKURILA

## EVERAL AQUA SEMI MATT [40]

### DESCRIPTION

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 painting of interior mineral surfaces and 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.

### RECOMMENDED USES

Painting of: furniture, doors, windows, garden furniture, interior mineral surfaces, baseboards, radiators, etc. Not recommended for painting of metal roofs and facades.

### PRODUCT FEATURES

#### HIGH DURABILITY OF PAINTED SURFACE:

- o Variable weather conditions and UV rays
- o Mechanical damage
- o High temperature – enamel recommended, among others for radiators
- o For washing, detergents, scratches

#### ATTRACTIVE FINAL EFFECT:

- o Anti-yellowing surface
- o Stable gloss grade over time
- o Very good covering power
- o Wide range of over 13 000 colors

#### CARE FOR HEALTH AND ENVIRONMENT

- o Recommendation of Polish Society of Allergy \*
- o Neutral smell during application

#### TIME SAVING AND COMFORT OF USE:

- o Quick drying time
- o Very good spreading and adhesion to the substrate
- o 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.

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      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base paints         | A BASE, C BASE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Colour Shades       | <p>Color cards:</p> <p>Deco Grey colour card, Symphony Color System, Pro Grey.</p> <p>Tikkurila Symphony Colour Card, Tikkurila Deco Grey CC, NCS and RAL.</p> <p>Information about the colors for exterior use is available in the tinting system.</p>                                                                                                                                                                                                                                                                                                                                                                   |
| Gloss               | Semi-matt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Coverage            | Up to 14 m <sup>2</sup> /l per one coat. Actual coverage depends on many factors, such as surface texture, porosity and moisture content of the surface.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Can sizes           | <p>A BASE: 0.45 l, 0.9 l, 2.7 l, 9 l</p> <p>C BASE: 0.45 l, 0.9 l, 2.7 l, 9 l</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Thinner             | Water. If necessary dilute the enamel with water up to 5%.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Application method  | <p>Brush, roller, spray.</p> <p>Conditions for air spray:</p> <ul style="list-style-type: none"> <li>- pressure: 3-4 bar</li> <li>- nozzle: 1.4-1.8 mm</li> <li>- thinning: 20-40% vol.</li> </ul> <p>Conditions for airless spray:</p> <ul style="list-style-type: none"> <li>- pressure: 140-160 bar</li> <li>- nozzle: 0,009"-0,013"</li> <li>- thinning: 0-5% vol.</li> </ul> <p>Conditions for airless spray with air cover:</p> <ul style="list-style-type: none"> <li>- pressure: 80-120 bar</li> <li>- nozzle: 0.009-0.011</li> <li>- thinning: 0-5% vol.</li> <li>- atomization air pressure: 1-2 bar</li> </ul> |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Density (kg/l)      | Base A approx. 1,2, Base C approx. 1,05 (depending on color).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Weather resistance  | Very good.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Chemical resistance | Very good, acc. to norm: PN-EN ISO 2812-3:2012.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Heat resistance</b>   | Max. +100°C, at higher temperatures the surface has a tendency to yellowing, PN-EN ISO 3248:2001.                                                                                                                                                                                                                                                                                                                     |
| <b>Volume solids (%)</b> | 33-35                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>VOC</b>               | Cat. A/d. Acceptable VOC content since 2010r. - 130 g/l.<br>Cat. A/b. Acceptable VOC content since 2010r. - 100 g/l.<br>Product contains below 100g/l of VOC.                                                                                                                                                                                                                                                         |
| <b>Storage</b>           | Store and transport in tightly closed containers at temperatures between +5°C and +25°C. The product should be transported and stored in containers protecting against weather in temperature between +5°C to +25°C. 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. |

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## APPLICATION INSTRUCTIONS

### 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.

### 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%, then 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.

#### Interior mineral surfaces:

The substrate to be painted must be clean, dry and free from grease and dust as well as loosely connected elements. Prime surface with Tikkurila Optiva Primer, then apply 2 coats of top coat paint.

#### 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.

### Top coating

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.

### Note

Painted surfaces can be used in temperature above 0°C in interior and exterior environments. For interior application product resistant in temperature up to 100°C.

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### Cleaning of tools

Clean tools with water immediately after use. Remove as much paint as possible from painting tools before 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.

### Environmental protection and waste disposal

Empty cans as well as cans with liquid waste should be taken to a disposal according to the local regulations. For more information please contact local authority.

### Health and Safety

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Contains 1,2-benzisothiazol-3(2H)-one (BIT) and 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)). May produce an allergic reaction. This product contains a biocidal product for the preservation of the product during storage. Contains: 1,2-benzisothiazol-3(2H)-one (BIT) and 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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