



TIKKURILA

# YKI ROUHEPINNOITE

**FULL-MATT ROUGH AND OPAQUE COATING FOR SOCLES****DESCRIPTION**

Water-borne, alkali-resistant, silicone-modified, water-repellent acrylic coating. Maximum grain size approx. 2 mm.

**RECOMMENDED USES**

Residential, commercial, industrial and storage buildings and others.

**PRODUCT FEATURES**

For coating of concrete structures, concrete and construction block surfaces and construction board surfaces rendered with a cement-rich mortar; socle and wall surfaces. For outdoor use.

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

|                                              |                                                                                                                                                                                                                                                                                                |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Base paints</b>                           | RPA BASE, RPC BASE                                                                                                                                                                                                                                                                             |
| <b>Colour Shades</b>                         | <b>Color cards:</b><br>Masonry Facades colour card, Socles colour card, Facade 760 colour collection, Masonry facades 2018 colour card, Colours for socles<br>Can be tinted in Tikkurila exterior colors.                                                                                      |
| <b>Gloss</b>                                 | Full matt.                                                                                                                                                                                                                                                                                     |
| <b>Coverage</b>                              | Spreader application: 0.6–0.8 m <sup>2</sup> /l. Spray application: 0.5–0.9 m <sup>2</sup> /l. Coverage is affected by the roughness and porosity of the surface.                                                                                                                              |
| <b>Can sizes</b>                             | RPA BASE: 16.5 kg<br>RPC BASE: 16.5 kg                                                                                                                                                                                                                                                         |
| <b>Application method</b>                    | Trowel, spray (min. nozzle size 5 mm) or funnel sprayer application. After trowel application of the coating, finish with a Tikkurila plastic float. The sprayed coating can be left as is or finished with a Tikkurila plastic float.                                                         |
| <b>Drying time</b>                           | Touch-dry the following day.                                                                                                                                                                                                                                                                   |
| <b>Density (kg/l)</b>                        | Approx. 1.8–1.9 kg/l, ISO 2811                                                                                                                                                                                                                                                                 |
| <b>Water vapour resistance (EN ISO 7783)</b> | $s_{D,H_2O} < 0,2 \text{ m}$                                                                                                                                                                                                                                                                   |
| <b>Water permeability (EN 1062-3)</b>        | $w_{24} < 0,2 \text{ kgm}^{-2}\text{h}^{-0,5}$                                                                                                                                                                                                                                                 |
| <b>Adhesive strength (EN 1542)</b>           | $> 0.8 \text{ N/mm}^2$ (on concrete)                                                                                                                                                                                                                                                           |
| <b>Weather resistance</b>                    | Good, even in industrial and maritime atmospheres. Prevents penetration of rain and splashes into the construction (water repellent) and, at the same time, allows passage of water from inside as vapour (good water vapour permeability).                                                    |
| <b>Volume solids (%)</b>                     | 70                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>                               | Protect from frost. The temperature of the product or container may not exceed +35°C. Do not store in direct sunlight, even under a protective tarpaulin. Tinted product, or a product kept in an improperly closed or half-empty can will not withstand long-term storage. Protect from frost |

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## APPLICATION INSTRUCTIONS

### Application conditions

The surface to be treated must be dry, the ambient temperature at least +5 °C and the relative humidity of air below 80%. Do not apply the coating in strong sunlight.

### Surface preparation

The substrate has to be sufficiently solid, dry and hard before the finishing treatment.

#### Unpainted surfaces:

Clean the unpainted surfaces of any dirt, dust and salt. Surfaces with mold, moss etc. are cleaned with Tikkurila Homeenpoisto in accordance with the instructions. Smooth, glassy concrete surfaces must always be treated mechanically to create an appropriate surface profile and remove any laitance. Level block surfaces and uneven concrete surfaces with Yki Värilaasti according to the instructions in the product data sheet.

#### Previously painted surface:

Surfaces are cleaned by removing any dirt, dust or salt. Surfaces with mold, moss etc. are cleaned with Tikkurila Homeenpoisto in accordance with the instructions. Remove any flaking and poorly adhering paint coats. Choose the removal method according to strength of the substrate and type of paint to be removed (e.g. wire brush, pressure washing with hot water or wet sand-blasting).

Level the surfaces with Yki Värilaasti according to the instructions in the product data sheet, as necessary.

### Priming

It is recommended to prime the substrate with Tikkurila Silikonipohjuste according to the instructions in the product data sheet, e.g. for reducing the efflorescence caused by salts.

Stir Yki Rough Coating well before use.

#### Application by steel trowel:

Apply by steel trowel a coat as thick as the grain size at a time to an area of approx. 1 m<sup>2</sup>. Grind the surface immediately (max. after 15 min.) by pressing lightly with Tikkurila plastic float. If the float does not move lightly, there is too much of coating. Remove the excess coating with a steel trowel. Adjust limits of pauses and borders of various cans to an unobtrusive spot.

#### Application by spraying e.g. with a plaster pump or a funnel sprayer:

Apply by spraying from approx. 1 m distance in a circular motion upright with the surface. Uniform surfaces are sprayed without interruption. Sprayed surface can be left as such or it can be grinded with a Tikkurila plastic float (see application with a steel trowel). The grinding work is started immediately (max. after 15 min) after spraying by pressing lightly with Tikkurila plastic float. Note: If different batches are used, coat the boundary with a solution of 1 part of old batch and 1 part of new batch. Adjust limits of pauses and borders of various cans to an unobtrusive spot.

Protect windows before priming and coating. Clean possible splashes immediately from the windows.

Yki Rough Coating is not suitable for coating of horizontal surfaces of e.g. cold retaining walls or other similar horizontal surfaces.

### Coating

Stir Yki Rouhepinnoite thoroughly before use. If necessary, Yki Rouhepinnoite can be thinned with water up to 1%. Spreading with a steel trowel: Use a steel trowel to spread the coating approximately 1 m<sup>2</sup> at a time. The thickness of the coat should match the particle size of the coating. Smooth down the surface immediately (after max. 15 minutes) with a Tikkurila plastic float by applying light pressure. If the float does not move lightly, there is too much coating. Remove the excess coating with a steel trowel by running it along the surface. Arrange the work such that the transition between areas coated at different times and using different

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cans is as inconspicuous as possible. Apply by spraying with a plaster pump or funnel sprayer: Spray the coating perpendicular to the surface in a circular motion from approximately 1 m. Apply to an uninterrupted surface without interruptions. The sprayed surface can be left as is or smoothed down with a Tikkurila plastic float (see Spreading with a steel trowel). Begin smoothing down the surface immediately (after max. 15 minutes) after spraying with a Tikkurila plastic float; apply light pressure. NOTE: If it is necessary to use different production batches, paint the area between the old and new batch with a 1:1 mix of the old and new paint. Arrange the work such that the transition between the paint batches is as inconspicuous as possible. Protect any windows before priming and coating. Remove any splashes immediately from the windows. Yki Rouhepinnoite is not suitable for coating the horizontal surfaces of cold retaining walls or other similar horizontal surfaces.

## Cleaning of tools

Clean tools immediately after use with water. Tikkurila Pensselipesu Tool Cleaner is recommended to remove slightly hardened paint.

## Maintenance instructions

Dirty surfaces can be carefully washed with a pressure washer without any detergent no earlier than one month after painting. The washing may leave permanent marks on the surface, so the area to be washed should be designed inconspicuously following the lines of the structure. It is recommended to remove any loose dirt dry with a soft brush, avoiding abrasion.

For removing algae and mold, use Tikkurila Homeenpoisto and rinse thoroughly according to instructions. NOTE! The surface must be treated again always after mold removal.

## Maintenance treatment

Yki Rouhepinnoite can be maintenance painted with Yki Sokkelimaali; facades can be maintenance painted with Kivisil facade paint or sprayed Yki Rouhepinnoite. See Pretreatment, Priming and Coating.

## 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. Avoid release to the environment. Wear protective gloves. Contains 1,2-benzisothiazol-3(2H)-one (BIT) and 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)). May produce an allergic reaction. 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)).

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EN 15824:2009

|                                                                                   |                |
|-----------------------------------------------------------------------------------|----------------|
|  |                |
| Tikkurila Oyj<br>Kuninkaalantie 1<br>FI-01300 Vantaa                              |                |
| 13                                                                                |                |
| TIK-0745-5001                                                                     |                |
| EN 15824:2009                                                                     |                |
| External render based on organic binders.                                         |                |
| Reaction to fire                                                                  | A2-s1,d0       |
| Adhesion strength by pull off test                                                | ≥ 0,3 MPa      |
| Release of dangerous substances                                                   | NPD            |
| Water permeability                                                                | W <sub>2</sub> |
| Permeability to water vapour                                                      | V <sub>2</sub> |

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