



TIKKURILA

## YKI VÄRILAASTI

READY-TO-USE AND TINTABLE RENDER FOR SOCLES

**DESCRIPTION** Water-borne, cement-free, tintable ready-to-use render for socles.

**RECOMMENDED USES** Socles.

**PRODUCT FEATURES** For leveling exterior concrete, building block and board surfaces.



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>	KLC BASE
<b>Colour Shades</b>	<b>Color cards:</b> Socles colour card. Grey. Tintable to the primer colours of Yki Aitokivi Real Stone colour card. Colours are indicative only. The final colour may differ from the sample.
<b>Coverage</b>	Smooth surfaces 2-3 kg/m <sup>2</sup> , block surfaces 4-6 kg/m <sup>2</sup> . Filling capacity with one coat application is 5 mm.
<b>Can sizes</b>	14 kg
<b>Application method</b>	Trowel, spray (min. nozzle size 7 mm) or funnel sprayer application.
<b>Drying time</b>	Reaches the final strength in 28 days under normal conditions. To be painted or coated after 7 days.
<b>Density (kg/l)</b>	approx. 1.5-1.7 kg/l.
<b>Water vapour resistance (EN ISO 7783)</b>	$s_{d,H_2O} < 0,5 \text{ m}$
<b>Water permeability (EN 1062-3)</b>	$w_{24} < 0,2 \text{ kgm}^{-2}\text{h}^{-0,5}$
<b>Adhesive strength (EN 1542)</b>	$> 0,3 \text{ N/mm}^2$
<b>Weather resistance</b>	Good, also in maritime and industrial atmosphere. Lets the interior humidity through as vapour.
<b>Volume solids (%)</b>	60
<b>Storage</b>	Protect from frost. Temperature of the product or can may not exceed +35°C. Not to be stored in sunlight even under a cover. A tinted coating or a coating in a poorly closed or incomplete can does not sustain long-term storage.

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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.

Previously painted surfaces: 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 (e.g. mechanically or by pressure washing).

Repairs to cracks, holes and damage (depth over 10 mm) is done with suitable cement-based repair mortar.

### Application

Stir Yki Color Render before use.

#### Application by steel trowel:

Apply one or two coats. The first application is done to level the substrate and to fill joints, etc. The second application can be done the next day at the earliest, by applying an even layer 2-5 mm thick. Smooth surfaces, e.g. concrete surfaces, can be finished with one application. Smooth the coating by sloping the steel trowel lightly and gently over the surface.

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

Apply by spraying from a distance of approx. 1 m in a circular motion perpendicularly with the surface. Smooth the coating by sloping the steel trowel lightly and gently over the surface. If required, spray the second layer over the dried coating and smooth the surface with a steel trowel.

Leveled socles are recommended to be treated with an Yki finishing product, i.e. Yki Socle paint, Yki Rough coating or Yki Real Stone. Paint or coating can be applied at the earliest after 7 days.

### Note

Surfaces treated earlier with Yki Color Render may not be treated with cement-based products. Protect the windows before application.

Remove any splashes immediately from the windows.

Yki Color Render is not suitable for leveling cold retaining walls or other similar horizontal surfaces.

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## 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! Surfaces must always be retreated after mold removal.

## Maintenance treatment

Possible patches and repairs are done with Yki Color Render.

## Environmental protection and waste disposal

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. Contains 1,2-benzisothiazol-3(2H)-one (BIT), 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)) and 2-octyl-2H-isothiazol-3-one (OIT). May produce an allergic reaction. This product contains a biocidal product for the preservation of the product during storage. Contains C(M)IT/MIT (3:1). Wear protective gloves.

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EN 15824:2009

CE	
Tikkurila Oyj Kuninkaalantie 1 FI-01300 Vantaa	
14	
TIK-28V6-5001	
EN 15824:2009	
External render based on organic binders.	
Reaction to fire	F (NPD)
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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