



TIKKURILA

# TUNTO KIVI

NATURAL STONE COATING

**DESCRIPTION**

Water-borne stone coating.

**RECOMMENDED USES**

For use on interior walls where an effect surface is desired.

**PRODUCT FEATURES**

New or previously painted concrete, plaster, brick, wood fiberboard, plasterboard and chipboard 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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<b>TECHNICAL DATA</b>	
<b>Base paints</b>	KPA BASE, KPC BASE
<b>Colour Shades</b>	<b>Color cards:</b> Tunto Stone colour card.
<b>Gloss</b>	Matt.
<b>Coverage</b>	2.5-3.5 kg/m <sup>2</sup> when applied once with a trowel and 3.5-4.5 kg/m <sup>2</sup> when applied twice or sprayed. From one 14 kg package, approx. 4-5.5 m <sup>2</sup> finished surface can be prepared when applied once and 3-4 m <sup>2</sup> when applied twice. Coverage is affected by the roughness and porosity of the surface and the application method.
<b>Can sizes</b>	KPA BASE: 14 kg KPC BASE: 14 kg
<b>Application method</b>	Application by steel trowel or spray. Rubbing with a plastic float, if necessary, in application of two coats. NB! Before spraying, remove the small piece of metal which may have dropped into the paint can from the lid during tinting.
<b>Drying time</b>	Recoat after 24 hours in normal conditions.
<b>Density (kg/l)</b>	approx. 1.5-1.7 kg/l, depending on stone, ISO 2811
<b>Adhesive strength (EN 1015-12)</b>	≥ 0,3 N/mm <sup>2</sup>
<b>Heat resistance</b>	85 °C, ISO 4211-3
<b>Volume solids (%)</b>	75
<b>Storage</b>	Protect from frost.

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## APPLICATION INSTRUCTIONS

### Application conditions

The surface to be treated must be dry, the temperature of the air, surface and coating at least +5 °C and the relative humidity of air below 80%.

### Mixing components

The product is used without thinning.

### Surface preparation

Unpainted surfaces:

Clean the unpainted surfaces of any dirt and dust. Level the surfaces with a suitable Presto filler. Prime all untreated surfaces with Varma primer or Luja Yleispohjamaali universal primer. Paint the primed surface once with Harmony or Joker. The paint should be tinted to the same color as the coating to be applied.

Previously painted surfaces:

Wash previously painted surfaces with Maalipesu detergent and rinse carefully with water. If necessary, smooth the surfaces with a suitable Presto filler. If the color difference between the substrate and the finish is significant, apply one coat of Harmony or Jokeri tinted to the color of the final product.

### Top coating

Application by steel trowel (small areas):

Apply by steel trowel a smooth coat of approx. 2 mm at a time to an area of approx. 1-2 m<sup>2</sup>. Smooth the coating by sloping the trowel lightly and gently over the surface. Check that the stones are spread abundantly and closely and to the whole area. Arrange the work so that the transition between areas coated at different times and using different cans is as inconspicuous as possible.

Application by steel trowel and grinding (large areas):

On large uniform wall surfaces a jointless surface is easiest to make by applying the product twice. Apply by steel trowel a smooth coat to an area of approx. 1-2 m<sup>2</sup> at a time. Smooth the coating by sloping the trowel lightly and gently over the surface. After the first coat has dried, apply the second coat of Tunto Stone thinly. 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.

**NB!**

An excessively thick layer may slow down drying or cause the odor to stay longer.

Application by spraying with a plaster pump or funnel sprayer:

Spray the coating with low pressure, perpendicular to the surface, in a circular motion, approximately 1 m from the surface. Smooth the coating by sloping the steel trowel lightly and gently over the surface. Apply to an uninterrupted surface without interruptions.

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Wet fillers, such as Presto filler, are suitable for use under Tunto Stone coating. When using a dry filler, the filler must be cement-reinforced. Ventilate the area thoroughly prior to taking it in use.

### Cleaning of tools

Clean tools with water. Remove excess paint/ lacquer from tools back to the can in order to avoid clogging the drain. Remove excess coating from the tools back to the paint can to avoid clogging the drainpipe. Clean tools with water.

### Maintenance instructions

The surfaces are cleaned with a damp brush or as dry cleaning using a vacuum cleaner.

The product achieves its final hardness and durability after one month under normal conditions, and therefore the surfaces must be handled with care during this time.

### 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. Wear protective gloves. 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: 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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EN 15824:2009

	
Tikkurila Oyj Kuninkaalantie 1 FI-01300 Vantaa	
13	
TIK-0679-5001	
EN 15824:2009	
Internal plaster based on organic binder.	
Reaction to fire	C-s1, d0
Adhesion strength by pull off test	≥ 0,3 N/mm <sup>2</sup>
Release of dangerous substances	NPD

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