



TIKKURILA

# ISÄNNÄN KALKKIMAALI

FULL-MATT LIME PAINT MADE FROM SLAKED LIME FOR EXTERIOR AND INTERIOR WALLS

<b>DESCRIPTION</b>	Lime paint made from slaked lime.
<b>RECOMMENDED USES</b>	Lime and lime-cement plaster walls outdoors, plaster walls indoors, ovens, cellars, cattle sheds etc.
<b>PRODUCT FEATURES</b>	For painting lime-heavy plaster surfaces both outdoors and indoors. Also suitable for substrates treated earlier with lime paint.

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>Colour Shades</b>	White, not tintable
<b>Gloss</b>	Full matt.
<b>Coverage</b>	3-5 m <sup>2</sup> /liter/application (mixture of Isännän Kalkkimaali and water). Coverage is affected by the roughness and porosity of the substrate.
<b>Can sizes</b>	10 l
<b>Application method</b>	Use a brush designed for lime paint.
<b>Drying time</b>	Touch-dry after approx. 1–2 hours. Recoatable only after the previous coat is fully bonded to the substrate, no earlier than the following day. See the directions for use.
<b>Density (kg/l)</b>	approx. 1.4 kg/l, ISO 2811
<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.

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## APPLICATION INSTRUCTIONS

### Application conditions

The surface to be painted must be clean and solid. The temperature of the air, paint and substrate must be at least +5 °C. Ensure sufficient wetting of the surface before and after painting especially in warm and windy weather. Never paint with lime paint in the rain, if rain is expected or in direct sunlight. In interior painting, it is recommended to adjust the indoor temperature below +20 °C.

### Mixing components

The product must always be diluted before use: 10 liters of Isännän Kalkkimaali for 10 liters water.

### Surface preparation

Clean the surfaces of any dirt, dust and salt. It is recommended to remove any loose dirt dry with a soft brush, avoiding abrasion. If a surface has mold, moss etc., wash it with Tikkurila Homeenpoisto according to instructions, working from the bottom to the top. The surface to be treated has to be undamaged, clean and free of any organic paints. Cement-rich mortars are not a suitable substrate for lime paint. Remove any loose and poorly adhering lime paint with a wire brush (with stainless steel or brass bristles) or a pressure washer without damaging the substrate.

Protect any surfaces not to be painted, such as windows, metal and natural stone surfaces, carefully for the duration of the work.

### Patching

For repairs of the plaster surface, use a mortar whose composition matches the surrounding areas in terms of roughness and level. Cement-rich mortars are not a suitable substrate for lime paint.

### Painting

Mix before use, 10 liters of Isännän Kalkkimaali to 10 liters of clean water. Maintain the same mixing ratio throughout the work. During the work, stir the paint at regular intervals to prevent the heavier aggregate from settling on the bottom on the container.

Always wet the substrate carefully with clean water before applying Isännän Kalkkimaali lime paint. The substrate has to be evenly wet but still absorbing.

Apply the Isännän Kalkkimaali lime paint using a lime brush or a lime stippling roller brush. Paint previously untreated surfaces twice. Paint surfaces previously treated with lime paint 1-2 times. The next coat may be applied the following day, at the earliest. Wet the substrate evenly before and after each application.

## NOTE

The end result of lime painting is affected by the dampness and porosity of the substrate.

Lime painting will create a living surface that shows the traces of handiwork and the possible mechanical strain. This must be taken into account when assessing lime-painted surfaces.

### Cleaning of tools

Clean tools immediately after use with water or with mild acetic-water mixture and rinse with clean water.

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## Maintenance instructions

Dirty surfaces painted with Isännän Kalkkimaali lime paint can be carefully washed with a pressure washer without any detergent no earlier than one month after painting. The washing will 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

Surfaces painted with Isännän Kalkkimaali lime paint are maintenance painted with Isännän Kalkkimaali or Holvi lime paint. See Pretreatment and Treatment with paint.

## 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

**Contains:** calcium dihydroxide. **Danger.** Causes severe skin burns and eye damage. May cause respiratory irritation. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Avoid breathing vapor. Use only outdoors or in a well-ventilated area. Wear protective gloves/clothing and eye/face protection. **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. **IF ON SKIN:** Take off immediately all contaminated clothing. Rinse skin with water or shower. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.



GHS05



GHS07

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