Hämeenkatu 9
05800 HYVINKÄÄ
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www.fescon.fi

# LIME PAINT KM

### Product description

The lime paint is produced in a traditional manner from hand-picked, charcoal-burnt limestone, as well as lime stored for more than a year and wet-quenched with clean water.




### Applications

- Cultural historical sites
- Residential buildings
- Chimney bases
- Agricultural buildings, cellars, fruit tree bleaching

**The product is listed in the portal for building products that can be used in Nordic Swan Ecolabelled buildings.**

### Instructions

## Work instructions

New, unpainted surfaces must be cleaned of dirt, dust, and loose materials. New plaster should be allowed to dry for at least one week before starting the limewashing process; otherwise, the final result may appear patchy. Previously lime-painted surfaces must be cleaned of any loose paint, dirt, and dust, for example, using a pressure washer. Hardened and non-absorbent lime paint should be removed with a brass brush or hot water pressure washing.
Perform plaster patches or replacements with a plaster matching the composition of the old plaster to the level and coarseness of the surrounding surface. If plaster repairs have been done for previously lime painted surfaces, these patch repairs must be lime painted once or twice at least one day before the actual liming is commenced.
The surface to be painted must be moistened with clean water or lime water before painting and 2-3 hours after painting. For prime coat application, a mixture of water and paint is prepared in a ratio of 2:1.
Lime paint must be well mixed before and during use so that the solids of the paint do not descend to the bottom of the paint tin. The painting work is carried out using a lime paint brush, a round brush with the diameter of approximately 170 mm, window jambs and battens can be painted with a wide brush. The number or paint layers depends on the base surface and target plastering surfaces are painted 3-6 times, bleaching 1-2 times. Painting is performed when the previous paint layer has dried. In practice, one layer or paint, only, is applied per day.
Lime paint is not suitable for cement plastered surfaces. Surfaces that are meant to be unpainted (window glazing, metal surfaces, natural stone surfaces) have to be protected for the duration of the painting work.

## Painting conditions

The surface to be painted must be clean and hard, the surface to be painted and air temperature has to be at least +5°C, and relative air humidity 50-90%. Painting in rain or in direct sunlight is to be avoided.

### Waste handling

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Storage and handling of waste
See the separate storage and disposal instructions https://www.fescon.fi/en/material-bank

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# Technical information

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|---|---|
| **Material usage** | Coverage: 3 - 6 $m^2$ / l / layer |
| **Type** | Liquid |
| **Binder** | Slaked lime |
| **Colour** | According to the colour chart |
| **Maximum grain size** | 0,1 mm |
| **Package size** | 10 l |
| **Storage** | In a closed container, the temperature must be over 0°C |
| **Lowest usage temperature** | +5°C |
| **Drying time** | The drying time depends on the layer thickness, air humidity, temperature, and wind conditions |
| **Reaction to fire** | A1 |
| **Frost resistance** | After drying, frost-resistant |
| **Relative air humidity** | 50-90% |

Limitation of liability, product use notes and restrictions: Please familiarize yourself with Fescon Oy's general terms of delivery and the design and work instructions related to the product.