

Product Data Sheet

K LIME PAINT: MINERAL PAINT

K Lime Mineral Paint is a highly breathable, naturally durable and environmentally friendly mineral paint that provides an attractive, matt, coloured finish for exterior and interior use.

K Lime Mineral Paint is based on natural silicate binders which protect and add colour to a range of mineral substrates including lime mortars & renders, masonry, stone, plaster, concrete, cement-based mortars & renders and pebble dashing. The mineral binders chemically attach to the underlying surface to create a long-lasting finish that promotes both a healthy building and healthy living.

K Lime Mineral Paint works in harmony with heritage buildings and lime-based mortars & renders, such as the K Lime Heritage Range, to maintain the breathability and performance of the underlying property.

FEATURES & BENEFITS

- **Highly breathable**
Does not hinder moisture evaporating from the building structure, as commonly necessary for older and heritage properties.
- **Naturally durable**
Excellent resistance to sun and weather exposure. Naturally delays algae growth, with no need of biocides or algicides.
- **Environmentally friendly**
Water based and low in VOC's, biocides, algicides & solvents.
- **Healthy living**
Based on natural, mineral binders as an alternative to polymer based, film-forming paints.
- **Uses**
Suitable for both internal and external use.

COVERAGE

- An 18kg container of paint will sufficiently cover approx. 45–65m² using two coats on a smooth surface, as per the application instructions.
- Coverage will be lower for textured and rough surfaces.
- Density: approximately 1.45 kg/litre

CLASSIFICATIONS

- Water Vapour Permeability: EN ISO 7783-2
 $S_d(m) = 0.01$
(Class I – high water vapour permeability)
- Water Absorption (24 hr): EN 1062-3
 $W(Kg/m^2h^{0.5}) = 0.17$
(Class II – Medium water absorption)

FIELD OF APPLICATION

K Lime Mineral Paint can be applied to a range of mineral substrates, including;

- Lime renders and mortars
- Masonry
- Stone
- Plaster
- Concrete
- Cement based renders and mortars
- Pebble-dashing

Mineral Paint is a suitable alternative to lime wash, providing a more durable and stable coating.

Mineral Paint should not be applied over existing polymer-based or film forming coatings, such as acrylic and silicone-based masonry paints. Clay surfaces may require additional primers prior to painting.

PREPARATION

- A test sample to check colour and final appearance is recommended
- Surfaces should be fully cured, dry, level and free from efflorescence as well as loose or friable materials including coatings, oil, soot, lichen, algae and dust
- All necessary repairs to the surface should be carried out before application
- Treat fungal or algal growth with K Rend Algae Clean prior to coating with K Lime Mineral Paint
- Mask all adjacent surfaces including windows, sills, doors, timber, glass brick & flooring
- Protect weather exposed surfaces during drying

APPLICATION

- The paint should be stirred well prior to use.
- Full elevations and adjoining panels should be coated with the same batch of paint to ensure colour consistency.
- Apply a first coat of K Lime Mineral Paint, diluted up to 30% with clean water.
- Once the first coat has fully dried, apply a second coat of Mineral Paint. Where preferred, this can be diluted up to a maximum of 10% with clean water.
- The drying time between coats is approximately 8-12 hours.
- Mineral Paint can be applied by brush, roller and spray. Seek technical advice for further details.
- Do not apply this product at temperatures below 5°C or above 30°C.

PACKAGING & STORAGE

Mineral Paint is packed in 18kg plastic containers.

The shelf life is approximately one year if stored off the ground in original, sealed containers and protected against frost, sources of direct heat and away from direct sunlight.

TECHNICAL ADVICE

For use of this product, please seek technical advice by contacting your sales representative.

COLOURS

K Lime Mineral Paint is available in a range of 10 standard colours.

CLEANING

Clean tools and equipment with water immediately after use.

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The information provided in this datasheet is based on current knowledge and laboratory testing. In line with our policy of continuous product development, we reserve the right to change technical data without notice and the end user should ensure the latest document version is used. Kilwaughter Minerals Ltd accepts no responsibility or liability for the suitability of a product or its use, due to having no control over its application or conditions during application. Existing intellectual property rights are to be observed.



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