



Lime Paint (powder-based)

Product information Article no. 2305

28.01.2025

KREIDEZEIT Lime Paint (powder-based) is suitable for interior application.

Fine marble lime hydrate gives this lime paint a very high degree of whiteness as well as an enormous binding and adhesive power, completely without the addition of synthetic resin binders and synthetic pigments such as titanium white.

Ideally suitable for application in damp rooms due to its high diffusion capacity, long-lasting alkalinity and surface that prevents condensation. **Usually opaque in 2 coats.**

Tinted lime paints produce surfaces with characteristically changing colour intensity.

■ Suitable Substrates Interior

Untreated mineral plasters, concrete, stone, masonry, plaster-board, gypsum fibre boards, paper fleece, all Kreidezeit wall paints and plasters (except distemper), matt and absorbent synthetic resin dispersion paints (after application of test surfaces with positive result).

■ Unsuitable Substrates

Wood, wood-based materials, natural resin dispersion paints, oil paints, plastic surfaces, glue-bound distempers, glossy and non-absorbent paints, permanently moist substrates.

■ Properties

- powder for mixing with water
- matt, white, smooth
- dry-wipe resistant, splash-proof
- diffusible, antistatic
- especially suitable for allergy sufferers
- low tension
- good opacity
- can be repainted several times,
- disinfectant, mould resistant, emission-free,
- alkaline, pH 13
- vegan

■ Ingredients (Full Declaration)

Marble lime hydrate, marble powders, methyl cellulose.

■ Suitable Tools

Good quality paint brushes and medium-pile paint rollers (polyamide).

Recommended from the Kreidezeit range:

Facade brush (article no. 9211)

Lime brush (article no. 9212)

Professional roller (article no. 9214)

Professional roller (article no. 9215)

■ Substrate requirements

The substrate must be **evenly dry, evenly absorbent, evenly structured**, structurally sound, dust-free, clean, solid, fat-free

and free of penetrating and colouring substances. Differences in structure and absorbency in the substrate can be traced by varying degrees of gloss or, in the case of tinted colours, by variations in colour intensity. If applied on low absorbent substrates, a higher degree of gloss is to be expected.

■ Preparing the Substrate

Particularly when using tinted Lime Paint, plaster substrates with differences in structure and absorbency, repairs and only joint-filled drywall panels should be filled over the entire surface and at least 1.5 mm thick with KREIDEZEIT Wall Filler or Lime Wall Finish or pasted over the entire surface with a paper fleece.

- Cover surfaces not to be treated.
- Thoroughly remove glue-bound distempers, chalking, unstable and loose old coats of paint.
- **Thoroughly wash off any residual wallpaper glue from the substrate.**
- Thoroughly sweep sandy surfaces.
- Allow new plasters to dry out completely.
- Thoroughly remove any accumulations of binders and sintered skin on plaster surfaces, formwork oil residues on concrete, loose plaster and wall parts, algae, moss, dirt.
- Repair cracks and holes with similar material.
- Penetrating and colouring ingredients can be sealed off after drying of the first lime coat with Alum Priming Salt (article no. 1104); test area required.
- Clean mould-affected mineral substrates with Soda (article no. 5108) or treat with Fungi Stop (article no. 1108).

■ Primer

Apply a base coat to all renders, fillers, levelled drywall, concrete and old emulsion paints with Vega Primer (article no. 1105) or Casein Primer (article no. 1103) and leave to dry completely. Paper fleece/wallpaper do not need to be primed.

■ Mixing the paint

Stir in the specified amount of powder into clean, cold water, until the mixture is smooth. Use a powerful drill with agitator. Leave to expand for at least 30 minutes and stir well again before processing.

■ Water required

Mix 1 kg of paint powder with 900 ml of water.

Adjust paint/water mixture to suit the surface; i.e. an additional max. 10 % dilution with water may be required for a particular application.

■ Processing Conditions

Do not apply below 8°C. Avoid direct sunlight, draughts, dirt and subsurface temperatures below 8°C and beyond 25°C. Avoid too fast drying. Low processing temperatures, high air or building moisture can lead to increased gloss.

Lime Paint (powder-based)

Productinformation Article no. 2305

28.01.2025

■ General Processing Instructions

Stir the product thoroughly before use. Immediately remove paint splashes on adjacent components with water. For full opacity, at least 2 coats of paint are required. Do not try to cover dark and high-contrast substrates with only one coat of paint; excessive application thicknesses can lead to damage to the paint! When wet, the paint is translucent and full opacity is achieved after drying. Stir up paint occasionally during application.

■ Application

The recommended application method is painting with a paintbrush in a crosswise stroke. The application of the paint with a roller should be tested on test surfaces. Apply the paint quickly 'wet-on-wet' in a crosswise motion and then roll the surface **in one direction. Do not roll tinted lime paint!**

■ Repainting and Renovation

KREIDEZEIT Lime Paint (powder-based) can be overpainted several times with itself.

After priming with Vega Primer (article no. 1105) or Casein Primer (article no. 1103) Lime Paint can also be painted over with Kreidezeit Vega Wallpaint, Clay paint -smooth-, Clay paint -textured, Distemper and the liquid Lime Paints -smooth-, -textured- and -high texture-.

■ Tinting

KREIDEZEIT Lime Paint (powder-based) can be tinted with all KREIDEZEIT earth- and mineral pigments:
max 100 g of Pigment on 1 kg of paint powder (shades A)

Either stir the pigment directly into the preparation water until smooth before mixing in white Lime Paint powder. Or create a paste with a little water and then mix into the already liquid white Lime Paint.

Please see our Colour Fan "Wallpapers & Plasters".
Colour charts are available at Kreidezeit and the dealers.

The pigments can be mixed with each other in any ratio. A pigmentation might reduce the storage time of the Lime Paint. Use up tinted Lime Paints as soon as possible. Use up Lime Paints tinted with Ultramarine pigments within 24 hours.

■ Drying Times

Allow at least 8 hrs. drying time between the coats at 20°C and a relative humidity of 65%. Low temperatures prolong the drying time.

■ Consumption

On smooth and low absorbant surfaces per coat:
approx. 150 g of powder per m²

Consumption may vary strongly, depending on the way of application, the texture and the absorbency of the subsurface.
Accurate consumption values to be determined on site.

■ Container Sizes

	Content	Range
Art. 2305-2.5	2,5 kg	17 m ²
Art. 2305-10	10 kg	66 m ²

Please refer to the valid price list for product prices.

■ Storage

Stored at a dry place, the powder can be kept for at least 2 years. Stored airtight sealed and frost-free, the mixed/liquid paint can be kept for many months.

■ Cleaning The Tools

Immediately after use with water.

■ Disposal of Residues

Do not dispose of leftover product down the drain. Leftover product disposed of in the household waste when dry. Empty packaging can be recycled.

■ EU VOC Value acc. to 2004/42/EC

VOC limit / Max. VOC content (cat. A/a): 30 g/l (2010), Product contains max. 1 g/l VOC.

■ Warning

The product is alkaline. Protective goggles and gloves must be worn during processing. Protect all surfaces not to be painted from splashes of paint (especially glass, clinker, tiles, metal parts, oiled/painted wood)! Color splashes must be removed immediately with plenty of water, danger of irreversible stains, even on lenses.

Pay attention to possible natural substance allergies. The natural raw materials used produce a typical product smell! **Keep out of reach of children.**



Danger



Lime Paint for interior

Productinformation Article no. 2305

28.01.2025

■ Hazard Statements

- H315 – Causes skin irritation.
- H318 – Causes serious eye damage.
- H335 – May cause respiratory irritation.

■ Precautionary Statements

- P261 – Avoid breathing dust.
- P280 – Wear protective gloves/protective clothing/ eye protection/face protection.
- P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.
- P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 – Call a POISON CENTER or doctor/physician if you feel unwell.
- P501 – Dispose of contents/container to disposal

The information above was determined based on our most recent experiences. Due to application methods and environmental influences, as well as the varying nature of the substrates, liability for the general validity of the individual recommendations is excluded. Users must test the product prior to application to ensure it is fit for the designated purpose (sample coating).

This document is no longer valid if a new version is published or the product is modified. For the latest product information, please contact Kreidezeit directly or visit our website at www.kreidezeit.de