KREIDEZEIT

Naturfarben

Lime Wall Finish medium, grain size: 1.4 mm

Product information Article no. 3104 12.08.2026

■ General

Kreidezeit Lime Wall Finish - Medium - is a fine lime plaster for the interior, applicable in manifold ways, with improved adhesion capability.
Grain size: 1.4 mm.
Layer thicknesses: 2 - 8 mm.

For the creation of surfaces from strongly structured to finely rough or smooth. Many more special effects can be achieved by mixing the Lime Wall Finish with Kreidezeit Decorative Aggregates (see product information).

Due to its content of very fine limehydrate and italian marble, this plaster offers a very bright white and it has very good binding capabilities while staying totally free of any synthetic resins nor artificial pigments, e.g. titanium white. Due to its high diffusibility, long-lasting high alkalinity and condensation-preventing surface, Lime Wall Finish is especially suitable for humid rooms.

Can be tinted with up to 5% of all Kreidezeit Pigments. Tinted lime plasters form surfaces with characteristically changing colour intensity.

■ Suitable Substrates

Untreated mineral plasters, concrete, drywalls, fibrous plasterboards.

■ Unsuitable Substrates

Wood, chipboards, emulsion-/dispersion paints, oil paints, plastic coatings, glue-bound distempers.
All glossy, non-absorbent and permanently wet surfaces.

■ Properties

- Powder to be mixed with water
- Dry wipe resistant
- diffusible (sd value <0.03 m, at 2 mm layer thickness, DIN EN ISO 12572)
- resistant to splash water
- no preservatives
- Several times overcoatable
- mould-inhibiting due to high alkalinity (pH > 12.5)
- mineral-based, odourless once cured
- Ideal substrate for wall glaze techniques
- vegan

■ Composition (Full declaration)

Quartz sand, marble sand, marble lime hydrate, cellulose, methyl cellulose, plant starch.

■ Suitable Tools

Recommended from the Kreidezeit range:
Venetian Trowel (art.no. 9303), 240x100mm
Venetian Trowel (art.no. 9302), 200x80mm
Spring Steel Trowel (art.no. 9301), 200 x 80mm

■ Substrate Requirements

The substrate must be dry, absorbent, overcoatable, solid, clean, free of fat and staining or colouring substances.
For tinted Lime Wall Finishes the subsurface additionally must have an **even texture**, must be **evenly dry** and **evenly absorbent**.
Differences in the absorbency and the texture of the substrate can locally lead to different degrees of reflectivity and different intensities of colour in the dried coating. Generally, on slighty absorbent or non absorbent subsurfaces lime plasters may dry to higher gloss.

■ Preparing the Substrate

Especially before the application of tinted Lime Wall Finishes, drywalls and substrates with repairs or differences in absorbency or texture at first should be entirely and at least 1 mm thick overcoated with Kreidezeit Lime Wall Finish -medium- (art.no. 3104).

- Cover surfaces not to be treated.
- Remove glue-bound distempers and other chalking or non-coatable coatings.
- Thoroughly wash off residues of wallpaper glues.
- Brush sanding surfaces thoroughly.
- Let new plasters completely dry out.
- Remove accumulations of binder and sintered skin from plaster surfaces. Remove residues of molding oil from concrete.
- Remove dirt and loose plasters
- Repair cracks and holes with similar material.
- Staining or colouring substances on the surface can be blocked with Alum Priming Salt (Art.no.1104) after the first coating with Lime Wall Finish has dried (trial coat necessary).
- Clean mould-affected mineral substrates with soda (art. no. 5108) or treat with Fungi Stop (art.no. 1108).

■ Primer

Apply a base coat to all renders, fillers, levelled drywall and concrete with Vega Primer (art.no. 1105) or Casein Primer (art. no. 1103) and leave to dry completely.

■ Processing Conditions

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

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■ Mixing the Plaster

Stir the powder without clots into the required amount of clean, cold water using a powerful electric drill with a paint stirrer. After an expanding time of approx. 15 minutes, stir again thoroughly.

■ Water Required

0.23 - 0.26 litres of water per 1 kg of powder.

Adjust product/water mixture to suit the surface; i.e. a little more water may be required for a particular application.

■ Application

Apply with trowel or smoother. Sponge, smoothen, structure or polish/press to shine as desired.
Many more special effects can be achieved by mixing the Lime Wall Finish with Kreidezeit Decorative Aggregates. Maximum layer thickness: 8 mm.

■ Hydrophobing / more Gloss

By a treatment with a 2 % solution of Kreidezeit Corfu Soap (art. no. 5102) a water-repellent surface can be achieved.
For an optimal hydrophobization apply the soap as soon as possible but at the latest after 24 hours on the dried surface. Apply thin and evenly from **bottom to top**. Do not roll !
After drying, repeat the application if necessary.
On tinted lime plasters a typical whitish cloudy effect might occur (find out by trial coatings first).

■ Repainting and Renovation

After drying, Lime Wall Finish can be directly repainted with white Kreidezeit Lime Paints. For tinted Lime Paints apply Vega Primer (art.no. 1105) or Casein Primer (art.no. 1103) first.
After at least 2 weeks of hardening time, Lime Wall Finish can also be repainted with all other Kreidezeit Wall Paints; use the related primers. Sand saponified lime plasters first until the absorbency is restored.

■ Tinting

Lime Wall Finish can be tinted with up to 5% Kreidezeit earth and mineral pigments (max. 50 g pigment per 1 kg plaster powder).
Either stir the pigment directly into the preparation water until smooth before mixing in the white plaster powder, or create a paste with a little water and then mix in with the already mixed Lime Wall Finish.

For tinting, please see our Kreidezeit Wall Paints and Renders colour fan. The colour fan is available online at www.kreidezeit.de. Printed versions are available from Kreidezeit and Kreidezeit dealers.

■ Drying Times

Dry and safe to coat after at least 24 hrs per mm of layer thickness at 20°C and a relative humidity of 65%. Lower temperatures extend the drying times.

■ Consumption

1 kg of powder / m² per 1 mm layer thickness on even surfaces. Accurate consumption values to be determined on site.

■ Package Sizes

	Content	Range, 1 mm layer thickness
Article no. 3104-2.5	2,5 kg	2,5 m²
Article no. 3104-10	10 kg	10 m²
Article no. 3104-25	25 kg	25 m²

Please refer to the valid price list for product prices.

■ Storage

If stored dry and above 0 °C, the powder can be kept for at least 2 years. Already mixed plaster can be kept in airtight buckets for several weeks. A pigmentation might reduce the storage time of the plaster. Use up tinted plaster as soon as possible. Use up plaster tinted with Ultramarine pigments within 12 hours.

■ Cleaning the tools

Immediately after use with water.

■ Disposal of Residues

Do not dispose of residues in the sewage system. Dried residues can be disposed of with normal household litter. Disposal of empty containers through resource collection points.
EAK: 080112.

■ 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 plaster (especially glass, clinker, tiles, metal parts, oiled/painted wood)! 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

■ 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