
Lime Wall Finish

- smooth -

grain size: 0.5 mm



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- **GENERAL**

Kreidezeit Lime Wall Finish - Smooth - is a fine lime plaster for the interior, applicable in manifold ways, with improved adhesion capability.

Grain size: 0.5 mm.

Layer thicknesses: 0.7 - 2 mm.

For the creation of surfaces from slightly 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. The high diffusibility, capillarity and alkalinity protect against fungal infection for a long time. Thus Lime Wall Finish is especially suitable for humid rooms.

Can be tinted with up to 5% of all KREIDEZEIT Pigments. Tinted lime plasters are creating surfaces with typical changes in colour intensity.

- **SUITABLE SUBSURFACES**

Untreated mineral plasters, concrete, drywalls, fibrous plasterboards, fleece wallpaper (waterproof paste required).

- **UNSUITABLE SUBSURFACES**

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

- **PROPERTIES**

Powder to be mixed with water. Dry wipe resistant and resistant to splash water. Free of emissions, no preservatives. Several times overcoatable. Easy to sand. Disinfectant and fungicidal. Ideal substrate for wall glaze techniques.

- **INGREDIENTS (FULL DECLARATION)**

Marble grain, marble powder, marble lime hydrate, cellulose, kaoline.

- **PREPARATION OF THE SUBSURFACE**

The subsurface 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 slightly absorbent or non absorbent subsurfaces lime plasters may dry to higher gloss.

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 overcoated with KREIDEZEIT Wall Filler, KREIDEZEIT Lime Wall Finish -medium- (art. 960) or a fleece wallpaper (waterproof paste required).

- 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 Alaun Salt (Art.101) after the first coating with Lime Wall Finish has dried (trial coat necessary).
- Clean fungi affected surfaces with Soda leach (Art. 993).

- **PRIMING**

All absorbent substrates must be primed with Casein Primer (Art. 145) by using a paint brush.

- **CONDITIONS DURING APPLICATION**

Do not apply at temperatures below 8°C. Avoid direct sun radiation, draught, dirt, too quick drying and temperatures much higher than 25°C. Low temperatures, high humidity and humid substrates can lead to higher gloss in the coating.

- **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.

- **REQUIRED AMOUNT OF WATER**

0.3 - 0.4 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: 2 mm.

- **HYDROPHOBIZATION / MORE GLOSS**

By a treatment with a 1-2 % solution of KREIDEZEIT Marseille Soap (art. 220) 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).

Polishing of very smooth Lime Wall Finishes with KREIDEZEIT Polishing Soap (art. 199) enhances the shine considerably.

- **REPAINTING AND RENOVATION**

After drying, Lime Wall Finish can be directly repainted with white KREIDEZEIT Lime Paints. For tinted Lime Paints apply Casein Primer (art. 145) 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**

The plaster can be tinted up to 5 % with all KREIDEZEIT earth-, mineral- and spinel pigments. Other pigments must be lime resistant.
Colour charts are available at our dealers.

Stir pigments into the mixing water before mixing the plaster. Ensure that all clots are stirred out properly. To gradate, stir pigments in little water and add to the already mixed plaster.

The pigments can be mixed with each other in any ratio.

- **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**

Art. 980 2.5 kg

Art. 981 10 kg

Art. 982 25 kg

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.

- **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.

- **CLEANING OF TOOLS**

Immediately after use with water.

- **HAZARD CLASSIFICATION**

Xi - irritant
(acc. to European Council Directive 67/548/EWG)

- **SAFETY ADVICE / NOTES**

Contains calciumhydroxide.
Risk of serious damage to eyes.
Keep out of the reach of children.
Do not breathe dust. Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection. Consider possible allergies to natural substances.

The above information has been compiled in accordance with the best of our experience and knowledge. Owing to the application methods and environmental influences, as well as the various surface properties, no liabilities or legalities pertaining to the individual recommendations can be entertained. Prior to application, the suitability of the product is to be tested (trial coat).

The validity of the text ceases with revisions or product modifications. You will find the latest product information at >> www.kreidezeit.de << or directly at Kreidezeit.

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