

## ■ General

This lime plaster is particularly suitable to counterbalance high humidity in rooms thanks to its water absorbing qualities. Condensed water on the surface is absorbed immediately. Hence, it is a well proven product to sanify surfaces infested by fungi. The composition of natural, mineral components makes this anti-condensation plaster a material unique in terms of building biology.

## ■ Uses

Suitable for application in the interior on all mineral surfaces that are solid, absorbent and free of loose parts such as lime plaster, lime based cement plaster, lime based gypsum plaster and cement plaster; masonry and stone. Application on gypsum plasters, plasterboards and fibrous plaster boards upon consultation and approval by Kreidezeit.

Not suitable on wood, chipboards, clay plaster, emulsion-/dispersion paints, oil paints, plastic coatings, glue-bound distempers, all glossy, non-absorbent and permanently wet surfaces.

## ■ Properties

- Powder for mixing with water.
- Fine, white plaster (purely mineral plaster; mortar group PL a), composed of marble lime hydrate, marble sand and so-called expanded Vermiculites.
- Maximum grain size: 1.5 mm
- Water absorption: 1.0 litres per m<sup>2</sup> at a layer thickness of 3 mm.
- Open to diffusion.
- Without antidegradants
- Can be tinted with up to 5 % of lime resistant pigments
- Coatable several times with Kreidezeit Lime Paints
- vegan

## ■ Composition (Full Declaration)

Marble lime hydrate, marble sand, expanded Vermiculites, cellulose, methy cellulose.

## ■ Subsequent Coats

Use only Kreidezeit Lime Paint (article no. 886 or 888) for subsequent coatings, because other paint systems may compromise the functionality of the plaster.

## ■ Suitable Tools

Recommended from the Kreidezeit range:

Venetian Trowel (article no. K 4228), 240x100mm

Venetian Trowel (article no. K 4227), 200x80mm

Spring Steel Trowel (article no. K 4225), 200x80mm

## ■ Substrate Requirements

The substrate must be dry, absorbent, overcoatable, solid, clean, free of fat and staining or colouring substances.

## ■ Preparing The Substrate

Thoroughly remove all old coatings. Thoroughly wash off residues of wallpaper glues. Brush sanding surfaces thoroughly. 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. Clean mould-affected mineral substrates with soda lye (article.no. 992) or treat with Fungi Stop (article.no. 620).

## ■ Primer

Pre-wet absorbent substrates to saturation with clean water, preferably Sintered Water (article no. 169) and do not allow to dry.

## ■ 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

0.38 - 0.43 litres of water per 1 kg of powder.

Subsequent thickening of the mixed plaster is normal. Adjust product/water mixture to suit the surface; i.e. a little more water may be required for a particular application.

## ■ Application

Apply plaster with a stainless trowel or toothed trowel 3-5 mm thick to the pre-wetted substrate. Tip: applying the plaster with a toothed trowel (8 x 8 mm) and subsequent smoothing leads to a layer thickness of approx. 3 mm. When the plaster has become a little tighter, rub it with a sponge board.

**Special notes:** the plaster should dry slowly during the setting process (2-3 days). Moisten the plaster 1 or 2 times in this period. Take suitable measures to prevent too quick drying if necessary. Avoid draught and direct sun radiation.

Application and setting temperatures not lower than 7°C and not higher than 25°C.

Maximum layer thickness 5 mm.

## ■ Tinting

The plaster 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 plaster.

For tinting, please see our Kreidezeit Wall Paints and Renders colour fan. The colour fan is available online at [www.kreidezeit.de](http://www.kreidezeit.de). Printed versions are available from Kreidezeit and Kreidezeit dealers.

## ■ Drying Times

At least 1 day per mm application thickness. Low temperatures prolong the drying time.

## ■ Application Rates

Approx. 1.0 - 1.2 kg powder / m<sup>2</sup> per mm layer thickness.  
Accurate consumption values to be determined on site.

## ■ Package Sizes

Article no. 168.1                      2,5 kg

Article no. 168.2                      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 for several days when covered with plastic foil.

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.

## ■ 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.**



## ■ 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 processing 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. The latest product information is available at Kreidezeit directly or on the Internet: [www.kreidezeit.de](http://www.kreidezeit.de)*