Kreidezeit Lime Paints are suitable for interior and exterior application.

Finely dispersed marble lime gives these lime paints 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 covering in 2 coats. Outdoors, 3 coats of paint extend the shelf life. Tinted lime paints produce surfaces with characteristically changing colour intensity.

Available in 3 versions:

- **Lime Paint** (article no. 888):
  Smooth, matt, white. Suitable for intermediate and final coats indoors and outdoors.

- **Lime Paint -textured-** (article no. 886):
  Fine plaster appearance due to the content of fine marble sand **(grain 0.5 mm)**. Compensates slight structural differences in the substrate. Pores and fine cracks can be filled. Suitable for intermediate and final coats indoors, in outdoor areas only recommended as intermediate coat.

- **Lime Paint -high texture-** (article no. 889):
  Strong plaster appearance due to the content of marble sand **(grain 0.7 mm)**. Compensates structural differences in the substrate. Pores and medium-sized cracks can be filled.
  Also suitable as a strong filling intermediate coat under Lime Paint -smooth- or -texturted. For interior application only.

■ Suitable Substrates Interior
Untreated mineral plasters, concrete, stone, masonry, plasterboard, 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).

■ Suitable Substrates Exterior
Untreated mineral, weather-resistant plasters, concrete, stone. Do not use on composite thermal insulation systems.

■ 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
- wipe-proof, 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 powder and -sand, sinter water, methyl cellulose, citric acid.

■ Suitable Tools
Good quality, medium-pile paint roller (polyamide) and paint brush. Airless sprayers (min. air pressure 200 bar).
Recommended from the Kreidezeit range:
Facade brush (article no. P 6080)
Lime brush (article no. P 6082)
Professional roller (article no. 6365)
Professional roller (article no. 6565)

■ Substrate requirements
The substrate must be evenly dry, evenly absorbent, evenly structured, strucurally 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
In particular, plaster substrates with differences in structure and absorbency, repairs as well as only joint filled drywalls should be completely and at least 1.5 mm thick filled with KREIDEZEIT Wall Filler or Lime Wall Finish or overcoated with fleece wallpaper over the entire surface.
- 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. 101); test area required.
- Clean mould-affected mineral substrates with soda lye (article no. 992) or treat with Fungi Stop (article no. 620).

■ Primer

Apply a base coat to all renders, fillers, levelled drywall, concrete and old emulsion paints with Vega Primer (article no. 2104) or Casein Primer (article no. 145) and leave to dry completely. Do not apply to paper fleece/wallpaper.

■ Processing Conditions

Do not apply below 8°C. Avoid direct sunlight, draughts, dirt and subsurface temperatures below 8°C and beyond 25°C. Do not apply on warm facade surfaces. Avoid drying too fast. Low processing temperatures, high air or building moisture can lead to increased gloss. At low temperatures, apply as thin as possible without diluting.

■ 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, for very coarsely structured substrates 3 coats of paint may be 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 coverage is achieved after drying. Stir up paint occasionally during application.

■ Application

We recommend to apply the Lime Paint with a brush in a criss-cross pattern.

- evenly and quickly "wet-on-wet" to avoid buildup.
- fan-shaped without interruptions
- See our instruction video:
  https://www.youtube.com/watch?v=UJXoJN103KU
- without pre-painting the corners
- For touch-up, do not paint into dressed or dried paint.

White lime paints can also be rolled on slightly absorbent surfaces. Work swiftly "wet-on-wet" in a criss-cross pattern and then roll the surface in one direction. The processing of the Paints with the roller must be checked on trial areas.

Do not roll tinted Lime Paints !

Application of the paints with airless spray guns is possible (except Lime Paint -high texture-). Test report available at Kreidezeit.

■ Dilution

Depending on requirements, use paint undiluted or diluted with 5 - 10 % water. Choose a dilution that makes the paint easy to spread.

■ Hydrophobing of Facades

For facade surfaces, we recommend hydrophobing with a 2% solution of Kreidezeit Corfu Soap (Art. 226). Dissolve the soap in the proportion 20 g soap flakes on 1 litre of water. Do not apply in any higher concentration. For an optimal hydrophobic effect, apply the soap solution to the dried lime paint as early as possible, at the latest after 24 hours. Apply thin and evenly, from bottom to top. Do not roll! Application can be repeated after drying. On tinted lime paints, a typical cloudiness can occur on lime soaps (sample area recommended).

■ Repainting and Renovation

To renovate or to achieve different or intermediate appearances and textures, Lime Paint -smooth-, Lime Paint -textured- and Lime Paint -high texture- can be overcoated with each other as desired.

Lime Paint -smooth-, Lime Paint -textured- and Lime Paint -high texture- can also be mixed in any ratio.

During renovation as well as in order to achieve different surface structures, Lime Paint -smooth- (article no. 888), Lime Paint -textured- (article no. 886) and Lime Paint -high texture- (article no. 889) can be painted over with each other arbitrarily and alternately.

After priming with Vega Primer (article no. 2104) or Casein Primer (article no. 145) Lime Paint can also be painted over with Kreidezeit Vega Wallpaint, Clay paint -smooth-, Clay paint -textured- and Distemper.

■ Tinting

All Kreidezeit Lime Paints can be tinted with all Kreidezeit earth- and mineral pigments.

- **Interiors:**
  max 100 g of Pigment on 1 L of paint (shade A)
- **Exteriors:**
  max. 7.5 g of Pigment on 1 L of paint (shade B)

Please see our Colour Fan "Wallpaints & Plasters".
Colour charts are available at Kreidezeit and the dealers. Stir the pigments without clots into a little water at first and then mix them into the paint.
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 12 hours.

■ Drying Times

Allow at least 8 hrs. drying time between the coats at 20°C and a relative humidity of 65%. Protect the painted surface against sun radiation and rain during the first days and spray a little water from time to time (water must not run down !).

■ Consumption

On smooth and low absorbant surfaces per coat:

Lime Paint -smooth- :   approx. 0.15 l / m² (0.01 l / ft²)
Lime Paint -textured- :   approx. 0.20 l / m² (0.02 l / ft²)
Lime Paint -high texture- :   approx. 0.50 l / m² (0.05 l / ft²)

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

Lime Paint -smooth-

	Content	Range
Article no. 888.0	1 l	6,5 m²
Article no. 888.1	5 l	33 m²
Article no. 888.2	10 l	65 m²

Lime Paint -textured-

	Content	Range
Article no. 886.0	1 l	5 m²
Article no. 886.1	5 l	25 m²
Article no. 886.2	10 l	50 m²

Lime Paint -high texture-

	Content	Range
Article No. 889.0	1 l	2 m²
Article No. 889.1	5 l	10 m²
Article No. 889.2	10 l	20 m²

Please refer to the valid price list for product prices.

■ Storage

Stored frost-free and hermetically sealed, the paint can be kept for at least 2 years.
Seal partially emptied containers airtight. Remove paint residues from cover and rim of container before closing.

■ 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.

■ Notes

Outdoors, weather-related chalking and permanent surface weathering are typical and normal.

■ 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

■ Hazard statements

- H 315: Causes skin irritation.
- H 318: Causes serious eye damage.

■ Precautionary statements

- P 264: Wash with water and soap thoroughly after handling.
- P 280: Wear protective gloves/protective clothing/eye protection/face protection.
- P 302+ P 352: IF ON SKIN: Wash with plenty of water/ soap.
- P 305+ P 351+ P 338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P 310: Immediately call a POISON CENTER/doctor.
- P 332+313: If skin irritation occurs: Get medical advice/ attention.
- P 362: Take off contaminated clothing.

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 www.kreidezeit.de