
Lime Paint

Lime Paint - Textured

Acc. to DIN 55945



Product Information
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• GENERAL

KREIDEZEIT Lime Paint is a white lime paint acc. to DIN 55945 (German Standard) for use in the interior. The adhesive and binding capabilities are enormous for a lime paint.

Available in 2 types:

- Lime Paint: matt, natural white, smooth
- Lime Paint - Textured: fine **brush-on plaster appearance** due to the content of fine marble sand (grain size 0.5 mm). Ideal sub-surface for wall glaze techniques. Pores and fine cracks can be elutriated.

• EFFECTIVENESS

Thanks to a special recipe and manufacturing process, KREIDEZEIT Lime Paint produces hard and wiping resistant surfaces without synthetic resin binders. The marble pit lime used is dispersed with a high-speed mixer, whereat the single lime parts are separated completely. The resulting increase of the overall surface of all lime particles maximizes the carbonating capacity as well as the adhesion capacity, which allows KREIDEZEIT Lime Paint to adhere on surfaces which are normally not suitable for lime paints. Due to the addition of small amounts of cellulose glue the return of the lime particles to agglomerates is limited so that the storage stability is increased while the adhesion capability is kept.

KREIDEZEIT Lime Paint is enriched with marble flour. Hence, the surface normally is **opaque after 2 coatings**.

• SUITABLE SUBSURFACES

Suitable surfaces for application are all untreated mineral plasters like lime plasters, concrete, stone, masonry, drywalls and fibrous plasterboards. Suitable to coat all KREIDEZEIT wall paints and plasters except from KREIDEZEIT Glue bound Paint.

Ideal coating for humid rooms because the diffusivity of the surface is not limited while the high alkalinity prevents fungal decay for a while.

Unsuitable subsurfaces are natural emulsion paints, old oil paints and plastic coatings. Do not use in the exterior. We recommend to prime surfaces unsuitable for lime paints with KREIDEZEIT GekkoSOL FINE grain (Art. 134).

• HYDROPHOBE SURFACE

By overcoating the paint with diluted soap (Marseille Soap, Art. 220), a water and dirt repellent surface can be achieved. These surfaces can be cleaned easily if necessary. Refer to the Product Information "Soaped Lime", available directly at KREIDEZEIT or at www.kreidezeit.de

• PROPERTIES

- Ready to use
- Wiping resistant and resistant to splash water
- Especially **convenient for allergic persons**.
- Open to diffusion and low-tension drying
- Good coverage, matt
- Several times overcoatable.
- Disinfectant, fungicidal
- High reflecting power
- Easy to use
- Residues can be composted.
- Free of emissions
- Density approx. 1.5 kg/Litre

• INGREDIENTS (FULL DECLARATION)

Marble pit lime, marble flour and -sand, sinter water, methyl cellulose.

• PREPARATIONS

The surface must be dry and absorbent, overcoatable, solid, clean, free of dust, fat and striking-through or colouring substances.

- Cover surfaces not to be treated.
- Remove old glue-bound distemper coatings and other chalking or non-coatable coatings. Thoroughly wash off glue residues.
- Brush sanding surfaces thoroughly.
- Remove accumulations of binder and sintered skin from plaster surfaces. Remove residues of molding oil from concrete.
- Remove loose parts of rabbits and brickwork and repair with similar material.
- Striking-through or colouring substances on the surface can be blocked after drying of the first lime coating with Alaun Salt (Art.101) (trial coat necessary).
- Clean Fungi affected surfaces with soda (Art. 993) and apply Funghi Ex (Art. 620).

• GENERAL APPLICATION NOTES

Stir paint thoroughly before use. Remove product splashes on neighbouring surfaces immediately with water. Two coatings are necessary to achieve full opacity, three coatings might be necessary on very rough textured surfaces. The paint is transparent during application, the full opacity is reached after drying. Stir from time to time during application and after longer breaks.

• SEQUENCE OF COATINGS

1. Priming

All absorbent surfaces must be primed with Casein Primer (Art. 145) by brushing with a brush.

2. Application on Plaster, Concrete, Stone

Intermediate and final coatings with textured or untextured Lime Paint as desired.



3. Coatings on Drywalls and Fibrous Plaster Boards

According to **DIN 18363** (German Standard), drywalls and fibrous plaster boards shall be fully covered with **wallpaper fleece** to prevent cracks. If the coating is to be applied directly, the joints of the boards must be leveled out with filler and embedded stripes of fabric.

If the surface is not completely treated with filler, apply at least one intermediate coating with Lime Paint -textured- (Art. 886) to even out differences in structure. Final coating with textured or untextured paint.

4. Coatings on Surfaces with repaired areas (e.g. gypsum filler) and differences in Structure

Apply at least one intermediate coating with Pit Lime Paint -textured- (Art. 886) to even out differences in structure. Final coating with textured or untextured paint.

The following sequences of coatings are possible to achieve **different textures**:

No texture:

1st and 2nd coating: 1 x Pit Lime Paint (Art. 888)

Light texture:

1st coating: 1 x Pit Lime Paint -Textured (Art. 886)

2nd coating: 1 x Pit Lime Paint (Art. 888)

Medium texture:

1st coating: 1 x Pit Lime Paint (Art. 888)

2nd coating: 1 x Pit Lime Paint -Textured (Art. 886)

Strong texture:

1st and 2nd coating: 1 x Pit Lime Paint -Textured (Art. 886)

• DILUTION

Apply intermediate and final coatings according to the requirements of the surface undiluted or diluted with water up to 5 - 10 % by volume.

In case of high ambient temperatures, further dilution with water can be necessary.

• APPLICATION

We recommend to apply the Lime Paint crosswise with a brush or paint pad.

In certain cases the paint can be applied by paint roller. Work quickly and apply paint crosswise "wet-in-wet".

In this case, the suitability of the paint should be ensured by making samples on site.

Application of the paint with airless spray guns is possible.

The test report is available directly at KREIDEZEIT or at

www.kreidezeit.de

• TINTING

The paint can be tinted with all KREIDEZEIT earth- and mineral pigments (exceptions: Cassel Earth and Sootblack) with up to 100 g of pigments on 1 ltr. of paint.

The pigments are stirred without clots into a little water and then mixed into the paint. A slightly cloudy look is characteristic for tinted lime paints .

• YIELD

On smooth and primed surfaces per coating:

Lime Paint: approx. 4.5 m²/litre

Lime Paint -Textured: approx. 3.5 m²/litre

Accurate consumption values to be determined on site.

• PACKAGE SIZES

Art. 886.0 1 l Pit Lime Paint -Textured-

Art. 886.1 5 l Pit Lime Paint -Textured-

Art. 886.2 10 l Pit Lime Paint -Textured-

Art. 888.0 1 l Pit Lime Paint

Art. 888.1 5 l Pit Lime Paint

Art. 888.2 10 l Pit Lime Paint

Please refer to the valid price list for product prices.

• DRYING TIMES

Allow at least 12 hrs. drying time between the coatings.

• CONDITIONS DURING APPLICATION

Application not below 8°C. Best results at temperatures of approx. 20 °C and a relative humidity of 65 %.

Low temperatures, high humidity, humid surfaces and differently structured subsurfaces can lead to differences in the gloss of the coating. Differently absorbent subsurfaces can additionally lead to a "cloudy" look of a tinted coating. In case of low temperatures, apply paint as thinly as possible without dilution. Avoid direct sun radiation, temperatures above 25°C and draught.

• STORAGE

If stored cool, airtight and above zero degrees centigrade, the Pit Lime Paint can be kept for at least 2 years.

Seal used containers airtight. Remove residues from cover and rim of container before closing.

• CLEANING OF TOOLS

Immediately after use with water and afterwards with slightly soapy water (Marseille Soap, Art. 220).

Tip:

Wash brushes made out of natural bristles before and after use with Marseille Soap (Art. 220) to extend their durability.

• DISPOSAL OF RESIDUES

Do not dispose of residues in the sink. Dried residues can be composted or be disposed of with normal household litter. Disposal of empty containers through resource collection points.

• HAZARD CLASSIFICATION

Xi - irritant

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

• SAFETY ADVICE / NOTES

Contains calcium hydroxide.

Risk of serious damage to eyes.

Keep out of the reach of children.

Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear eye/face protection.

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.

(23/10/2008)

