



# LIME PAINT - SMOOTH LIME PAINT - TEXTURED

Technical Data Sheet 888 – 886

## ■ GENERAL

Tockay 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 2 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.

## ■ SUITABLE SUBSTRATES / INTERIOR

Untreated mineral plasters, concrete, stone, masonry, plasterboard, gypsum fibre boards, paper fleece, all Tockay 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, structurally 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 Tockay Lime Wall Finish or overcoated with fleece wallpaper over the entire surface.





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- 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.

## ■ DILUTION

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

## ■ APPLICATION

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

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. Test report available at KREIDEZEIT.

### **Hydrophobing of facades:**

For facade surfaces, we recommend hydrophobing with a solution of Tockay Marseille soap. 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).

## ■ REPAIRING / RENOVATION

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

Lime Paint -smooth- and Lime Paint -textured- 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) and Lime Paint -textured- (article no. 886) can be painted over with each other arbitrarily and alternately.

After priming with Casein Primer (article no. 145) Lime Paint can also be painted over with Tockay Clay paint -smooth.





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## ■ TINTING

All Tockay Lime Paints can be tinted with all Tockay 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 "Wall paints & Plasters". Colour charts are available at Tockay. 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 TIME

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 absorbent surfaces per coat:

- Lime Paint -smooth-: approx. 0,15L/m<sup>2</sup> (0,01L/sq.ft.)
- Lime Paint -textured-: approx. 0,20L/m<sup>2</sup> (0,02L/sq.ft.)

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

1L and 10L.

## ■ 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.



## ■ HAZARD STATEMENTS

H315 – Causes skin irritation.

H318 – 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.





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- 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 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.tockay.com](http://www.tockay.com) or [www.kreidezeit.de](http://www.kreidezeit.de)*

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