



LIME WALL FINISH -SMOOTH- 0.5 MM

Technical Data Sheet 980-982

■ GENERAL

Tockay 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 - 3 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 decorative Aggregates.

Due to its content of very fine lime hydrate 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, Tockay Lime Wall Finish is especially suitable for humid rooms.

Can be tinted with up to 5% of all Tockay Pigments. Tinted lime plasters form surfaces with characteristically changing colour intensity.

■ SUITABLE SUBSTRATES

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

■ UNSUITABLE SUBSTRATES

Wood, chipboards, emulsion-/dispersion paints, oil paints, plastic coatings, glue-bound distempers. All glossy, non-absorbent, 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, alkaline (pH 13), vegan.

■ COMPOSITION (FULL DECLARATION)

Marble sand, marble powder, marble lime hydrate, cellulose, methyl cellulose, plant starch.

■ SUITABLE TOOLS

Venetian Trowel (art.no. K 4228) 240 x 100 mm

Venetian Trowel (art.no. K 4227) 200 x 80 mm

Spring Steel Trowel (art.no. K 4225) 200 x 80 mm

■ SUBSTRATE REQUIREMENTS

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

For tinted Lime Wall Finishes the subsurface addition-ally 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.

■ PREPARATING THE SUBSTRATE

Especially before the application of tinted Tockay Lime Wall Finishes, drywalls and substrates with repairs or differences in absorbency or texture should, at first, be entirely covered by at least a 2 mm thick Tockay Lime Wall Finish – Medium (1.4 mm) -, or a 1 mm thick Tockay Lime Wall Finish - Fine – (0.9 mm), or a fleece wallpaper (waterproof paste required).

- Cover surfaces not to be treated.
- Remove glue-bound distempers and other chalk-ing 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 Alum Priming Salt (Art.no.101) after the first coating





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with Lime Wall Finish has dried (trial coat necessary).

- Clean mould-affected mineral substrates with soda lye (art.no. 992) or treat with Fungi Stop (art.no. 620).

■ PRIMER

Apply a base coat to all renders, fillers, levelled dry-wall and concrete with Casein Primer (art.no. 145) and leave to dry completely.

■ PROCESSING CONDITIONS

Do not apply below 8°C. Avoid direct sunlight, draughts, dirt and subsurface temperatures below 8°C and beyond 25°C. Avoid drying too fast. Low processing temperatures, high air or building moisture can lead to increased gloss.

■ MIXING PLASTERS

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

0.3 - 0.32 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.

■ HYDROPHOBING / MORE GLOSS

By a treatment with a 2 % solution of Tockay Marseille Soap 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 Tockay Polishing Soap -Concentrate- (art.no. 224) enhances the shine considerably.

■ REPAINTING AND RENOVATING

After drying, Lime Wall Finish can be directly repaint-ed with white Tockay Lime Paints. For tinted Lime Paints apply Casein Primer (art.no. 145) first.

After at least 2 weeks of hardening time, Lime Wall Finish can also be repainted with all other Tockay Wall Paints; use the related primers.

Sand saponified lime plasters first until the absorbency is restored.

■ TINTING

Lime Wall Finish can be tinted with up to 5% Tockay 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 Lime Wall Finish.

■ 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 (11 sq.ft.) per 1 mm layer thickness on even surfaces. Accurate consumption values to be determined on site.

■ FORMAT

Art. # 980..... 2,5 kg

Art. # 981.....10 kg





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■ 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.

■ 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.

EAK: 080112.

■ EU COV 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.

■ 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 www.tockay.com or www.kreidezeit.de

(Edition 09/2020)



■ HAZARD STATEMENTS

- H315 – Causes skin irritation
- H318 – Causes serious eye damage
- H335 – May cause respiratory irritation

