



CLAY PAINT

Technical Data Sheet – 2401

■ GENERAL

Tockay Clay Paint -smooth- is an easy-to-apply paint for indoor walls and ceilings.

A natural white tone and light marble flours produce the homely matt finish of real clay.

Tinting the Clay Paint -smooth- with Tockay pigments opens up a wide range of creative possibilities. Please see our Wall Paints and Renders colour fan, with 250 tones that can be effortlessly combined.

■ USES

Suitable for all structurally-sound, absorbent indoor renders (clay, lime, gypsum and cement), fillers, ingrain wallpaper, pure wallpaper, paper fleece, plasterboard, gypsum fibreboards and concrete.

Also suitable for firmly ingrained, matt and absorbent emulsion paints (please always test on a small sample area first.)

For wet rooms, we recommend Tockay Lime Paint (article no. 888).

■ PROPERTIES

- Powder for mixing with water
- Colour: white
- Low odour
- Anti-static
- Highly diffusible
- Good opacity
- Can be painted over several times
- Free from preservatives
- Free from synthetic resin binders
- Vegan

■ COMPOSITION (FULL DECLARATION)

White clay, marble powder, chalk, cellulose fibres, vegetable casein, soda and methyl cellulose.

■ SUITABLE TOOLS

Good quality, medium-pile paint roller (polyamide) and paint brush. Airless sprayers (min. air pressure 200 bar).

Recommended from the Tockay 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 absorbent, structurally sound, clean, dry, solid, non-greasy and free from colouring and permeating ingredients.

■ PREPARING THE SUBSTRATE

- Thoroughly remove old distemper coats and any other old chalking, loose or unworkable coats.
- Thoroughly wash any wallpaper adhesive residue off the substrate. Thoroughly sweep sanded surfaces.
- Remove binder accumulations and sinter skin from render surfaces.
- Remove mould oil residue from concrete surfaces.
- Remove any loose render or wall parts and touch up with a similar material. Penetrating and colouring ingredients in the substrate can be sealed off with Shellac Sealing Primer (article no. 234) before the paint is applied.
- Clean any mouldy mineral substrates with soda brine (article no. 993) or treat with mildew remover (article no. 620).

On surfaces with large differences in structure and absorption, make the necessary repairs beforehand and cover completely with a Tockay plaster (0.5 mm, 0.9 mm or 1.4 mm) with a thickness of at least 1.5 mm.

■ PRIMER

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

■ MIXING THE PAINT

Stir in the specified amount of powder into clean, cold water, until the mixture is smooth. Use a powerful drill





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with agitator. Leave to expand for at least 30 minutes and stir well again before processing.

■ WATER REQUIRED

1 litre –1,10 litre of water per kg of powder.

■ DILUTION

The product must be diluted with enough water to produce a consistency that is suitable for the substrate, (i.e. the amount of water can be increased if required).

■ APPLICATION

Application temperature at least 8°C. Stir occasionally during application.

Two coats are typically required for full opacity. Do not attempt to cover dark and high-contrast substrates with only one coat of paint; excessive application thicknesses can lead to damage to the coating! Allow previous coats to dry completely before applying another coat. During the application, the wet paint is translucent; it only becomes fully opaque once drying is complete.

The Paint must be applied on the same day as mixing. Do not use paint that smells bad or rotten under any circumstances: Danger of prolonged odour problems even after drying!

Using a paint brush:

Apply evenly with a facade brush in a criss-cross pattern.

Using a roller:

Apply the paint liberally and evenly in a criss-cross pattern. Then immediately use a roller in a single direction, without applying any further paint.

■ TINTING

The Clay Paint -smooth- can be tinted with up to 10% Tockay earth and mineral pigments (max. 100 g pigment per 1 kg paint powder).

Either stir the pigment directly into the preparation water until smooth before mixing in the Clay Paint -smooth-, or create a paste with a little water and then mix in with the finished Clay Paint -smooth-.

For tinting, please see our Tockay natural dry pigments colour chart.

The colour chart is available online at https://tockay.com/wp-content/uploads/COLOR-CHART_72-colours-and-recipes.pdf.

■ RENOVATION

Clay Paint -smooth- can be coated with Tockay Clay Paint -smooth-, -Lime Paint, -Clay Paint -textured- and -Distemper. A previous coat of Casein Primer (article no. 145) makes it easier to paint over.

■ DRYING TIMES

Safe to coat after about 8 hours, completely dry after about 24 hours, at 20°C and 65% relative humidity.

■ CONSUMPTION

Paint brush or roller: approx. 125 g powder per m² per coat on a smooth substrate (fibreboard).

Exact application rate values must be determined on site.

■ PACKAGE SIZES

Article no. 2401.1.....2 kg (for up to 175 pi² per coat)
Article no. 2401.3.....7,5 kg (for up to 660 pi² per coat)
Article no. 2401.6.....20 kg (for up to 1725 pi² per coat)

■ STORAGE

The powder can be stored for at least 1 year in a dry place. Tip: Small quantities of mixed paint can be frozen for repair purposes.

■ DISPOSING LEFTOVER PRODUCT

Do not dispose of leftover product down the drain. Leftover product can easily be composted or disposed of in the household waste when dry. Empty packaging can be recycled.

■ CLEANING THE TOOLS

Immediately after use with water.





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■ WARNING

The product is not suitable for correcting major irregularities in the substrate. The product has a typical odour during application due to the vegetable casein that it contains. This odour disappears over time when dry. Please check for allergies to natural substances.

Store out of reach of children.

The information above was determined based on our most recent experiences. Due to application 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. For the latest product information, please visit www.tockay.com or www.kreidezeit.de

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