

CONMARBLE
NATURAL FINISHES



Photography: Clayworks

TECHNICAL DATA SHEET
TADELAKT
Natural Clay Plasters

A CONMARBLE NATURAL FINISHES SYSTEM · CLAY PLASTER

MANUFACTURED BY

Clayworks

Clayworks · United Kingdom

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Clayworks

TADELAKT DATA SHEETS

GENERAL

Tadelakt, which originates from Morocco, is a polished natural, lime based mineral plaster for water resistant interior surfaces. Its surface is burnished with a smooth polishing stone.

Clayworks Tadelakt is applied in 2 layers by approved plasterers. The circular movements with the appropriate polishing stone produce a hard and durable surface with slight cloudiness.

The final treatment with an olive oil soap makes the surface water repellent, caused by a reaction between the soap and the lime. Tadelakt is not completely impermeable and some Clayworks Tadelakt Custom Finishes with deep texture are not water resistant – please seek specific advice from Clayworks.

Clayworks Tadelakt is normally suitable for decorative surfaces in areas subject to exposure to water or excessive humidity.

Not recommended for wash basins and bathtubs that are constantly wet. Tadelakt will absorb water and become dark temporarily. This is normal and once dry the surface brightens again.

Clayworks Tadelakt is not suitable for floors or behind a cooker/stove because oils and fats can cause irreversible stains.

Clayworks Tadelakt is not covered by the Clayworks Clay Plasters certifications and data sheet publications.

PROPERTIES

- Dry plaster
- Purely mineral
- Breathable
- No artificial contents
- Neutral odour
- Emission-free
- Resistant to dirt
- Water resistant; Tadelakt treated with polishing soap is water repellent
- Free of cement

Composition

Hydraulic lime, quartz sands, marble powder, clay, methylcellulose.

Colours

Available in a wide range of colours.

Application

An approved Clayworks plasterer should be employed for all applications.

Suitable Substrates

Refer to **Clayworks Design Detail DD20** on page 5 of this document.

Plasterboard Substrate

(Moisture resistant plasterboard to be specified). Plasterboard joints to be taped and filled.
Plasterboard to have 12mm plywood backing behind. Stud wall behind to have studs at 300mm centres.

Fermacell Substrate

Joints to be taped and filled. Stud wall behind to have studs at 300mm centres.

Tile Backing Board Substrates

To receive Stonefix or similar backing coat system with mesh embedded. Consult with Approved Plasterer.

Blockwork, Masonry and other Substrates

Consult with Approved Plasterer. Approved Plasterer to check suitability of substrates and advise regarding required preparation.

Tadelakt is not suitable to apply on to continuously moist substrates.

Drying Times

Dry after 2-3 days at 3 mm of layer thickness. Treat the surface gently within the first 3 months. The final hardness will be achieved after approx. 6 months.

Application Rates

1 x 25kg bag will cover approximately 10 sqm.

Cleaning and Maintenance

Clean Tadelakt surfaces only with water and a little Marseille Soap approx. 1-2 spoons per 8 litres of water. Use a soft sponge for cleaning. To avoid limescales wipe away water splashes with a soft cloth after every use. Do not use other household cleaning agents or scouring sponges nor micro fibre cloths.

To keep the functionality in wet areas, Tadelakt has to be 'aftersoaped' every 1-2 months. Apply diluted Polishing Soap as above. After a short setting time polish the surface with a lint free polishing cloth.

Once a day, Tadelakt needs to dry out completely. If Tadelakt stays moist for too long discolouring and fungi may occur.

Tadelakt surfaces are not acid-resistant. Commercial household cleaners, scouring agents, scouring sponges, acidic cleaners or similar should be avoided. Acidic juices such as orange or lemon juice, wine and vinegar can also damage the surface. Substances containing fat and colorants (food, personal care products, etc.) can cause irreversible stains.

Repairs

Scratch in or cut the total Tadelakt layer along damaged parts with a knife, then repair with original material.

Storage

Store excess material in a dry and airtight containers. Tadelakt powder can be kept for at least 12 months. Ready mixed Tadelakt must be used within 8 - 10 hours.

Disposing Leftover Product

Dried residues can be disposed of with normal household waste or as construction waste.

VOC-Declaration

acc. to ChemVOCFarbV Max. limit (Cat. A/b): 100 g/l (2010), Product contains max. 1 g/l VOC.

Health Warning

Pay attention to possible allergies against natural ingredients.
Keep out of reach of children.

Hazard Statements

Causes skin irritation.

Causes serious eye damage.

May cause respiratory irritation.

Precautionary Statements

Avoid breathing in dust.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF INGESTED Call a POISON CENTER or doctor/physician if you feel unwell.

Dispose of contents/container to waste disposal.

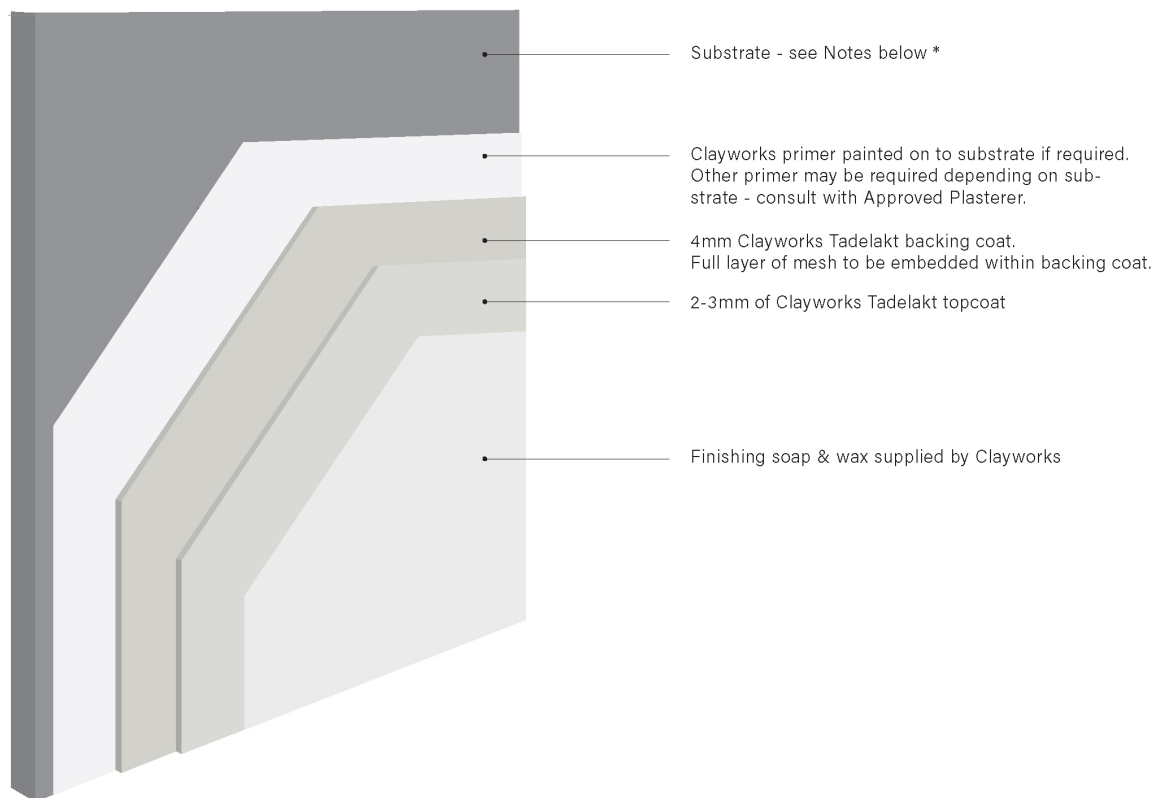
Notes

Glass, metal and lacquered surfaces as well as all other sensitive surfaces should be covered during application. Remove product splashes immediately with water.

Tadelakt is not resistant against acids. Fatty or coloured substances might cause irreversible spots (food, body care products, lotions, cosmetics).

Literature

Our book CLAY & LIME RENDERS, PLASTERS & PAINT - A how-to guide to using natural finishes written by Clayworks founders Katy Bryce and Adam Weismann, explains the history of Tadelakt and its many uses.



Notes

Approved Plasterer to check suitability of substrates and advise regarding required preparation.
Approved Plasterer to confirm build-up and specifications.

* SUBSTRATES

Plasterboard: (moisture resistant plasterboard to be specified). Plasterboard joints to be taped and filled. Plasterboard to have 12mm plywood backing behind. Stud wall behind to have studs at 300mm centres.

Fermacell: check with manufacturer for suitable specification. Stud wall behind to have studs at 300mm centres.

Tile backing boards: to receive Stonefix or similar backing coat system with mesh embedded. Check with board manufacturer and Approved Plasterer for suitable specification.

Blockwork, masonry and other substrates: consult with Approved Plasterer.



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