

TADELAKT

D006 MOROCCAN TRADITIONAL HYDRAULIC LIME FINISH



DESCRIPTION

TADELAKT is a typical Moroccan plaster finish obtained with genuine finely filtered aged hydraulic lime, calcareous aggregates, clays, and special binders. It has an excellent filling power, and a natural resistance to mold and bacteria.

TADELAKT is suitable for interior and exterior surfaces, especially in humid environment. Perfectly stable over time, it maintains the breathability of the substrate thanks to its outstanding water vapor permeability. The finish is lightly textured but smooth and matte.

TADELAKT is supplied in white color (BIANCO).

To tint **TADELAKT**, use oxide based pigments or any other lime-stable (alkali resistant) colorant.

SURFACE PREPARATION

SURFACE	PREPARATION TIPS
Lime based mortar	Direct application
Old plaster	Brushing and pressure washing + 1 coat of MINERAL PRIMER or DOC PRIMER
Tempera	Brushing + 1 coat of MINERAL PRIMER or DOC PRIMER
Breathable paint	Brushing + 1 coat of MINERAL PRIMER or DOC PRIMER
MDF	1 coat of MINERAL PRIMER or DOC PRIMER
Plasterboard	1 coat of MINERAL PRIMER or DOC PRIMER
Gypsumboard	1 coat of MINERAL PRIMER or DOC PRIMER
Concrete	1 coat of MINERAL PRIMER or DOC PRIMER
Lime based glossy finish	Sanding + 1 coat of MINERAL PRIMER or DOC PRIMER
Washable paint	1 coat of MINERAL PRIMER or DOC PRIMER
Acrylic decorative paint	1 coat of MINERAL PRIMER or DOC PRIMER
Plastic rendering	Washing + 1 coat of MINERAL PRIMER or DOC PRIMER

APPLICATION

TADELAKT is supplied in powder form, to be mixed with 30% of clean water (in weight). In case of high temperature of the environment, wet properly the substrate.

FIRST COAT

Consumption: approx. 1.0 - 1.2 kg/m² (0.1 - 0.12 kg/ft²)

Once mixed, apply **TADELAKT** with stainless steel trowel all over the surface.

SECOND COAT

Consumption: approx. 0.6 - 0.7 kg/m² (0.06 - 0.07 kg/ft²)

Once the first coat is completely dry (6 hours), apply a second coat of **TADELAKT** to create a smooth and even surface, but not glossy.

THIRD COAT

Consumption: approx. 0.10 - 0.20 kg/m² (0.01 - 0.02 kg/ft²)

Once the second coat starts to set, apply a third coat of **TADELAKT** to create a smooth and mat surface.

ENVIRONMENTAL CONDITIONS

During application, the environmental temperature has to be between +10°C and +30°C (+50°F and +95°F) while relative humidity has to be less than 85%, even after 24 hours after application.

STORAGE

TADELAKT maintains its properties in storage for 24 months if protected from excessive heat and cold. Storage temperature must be between +5°C and +30°C. KEEP FROM FREEZING.

SAFETY GUIDELINES

Avoid contact with skin and eyes. If contact occurs, rinse thoroughly with water. For further information, consult the MSDS.

DISPOSAL

The material has to be disposed in agreement with local regulation. Empty plastic containers are recyclable or to be sent to recycling plants.

TADELAKT TECHNICAL TABLE

Aspect	mat and slighty textured
Packaging	16kg/35.3lb
Application tools	stainless steel trowel, decorative tools, sponge
Specific weight	1.60 ± 0.05 Kg/l
Theoretical yield	approx. 10-12m ² / (110-130ft ²) with a bucket of 16kg/35.3lb
Granulometric curve	0.02 - 0.70 mm
Coating thickness	1.00 - 1.40 mm
Touch dry	6 hours at 20°C temperature
Dry to handle	48 hours at 20°C temperature
Stable hardness	180 gg
Dry to recoat	12 hours at 20°C temperature
PH after 30 days	12.5 ± 0.2
Flammability	non flammable - A1 class
Permeability to water vapor (Sd)	High: 0.06m (Standard UNI EN ISO 7783-2:2001)
VOC	<0.01g/l wall paint and subcategory L max value UE2010: 30g/l
HS CODE	3209.10.0000

The information provided is based on our experience and technical and scientific knowledge; nonetheless, we may not be held liable for the results obtained using these products, as application conditions are beyond our control. It is recommended to always make sure that the product is suited to each specific use.

Document

MTDS 008ENG

Issuing date

09.11.2018

Revision

-

DECORA
A&C is a brand of Decora A&C Pte Ltd, Singapore, designed and manufactured entirely in Italy
info@decora-art.com