

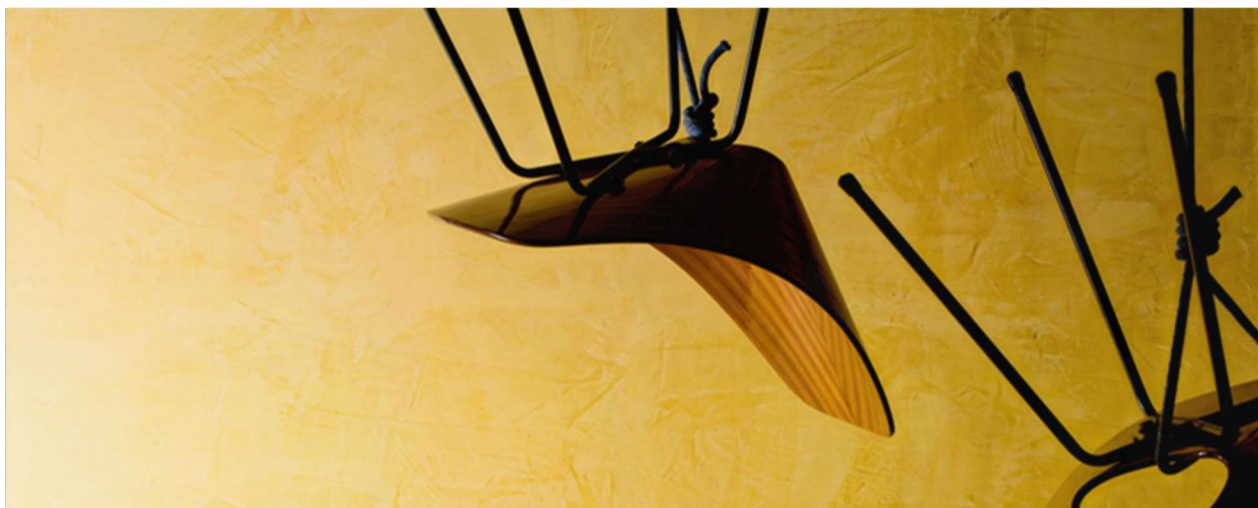
MITHOS LUX



Green
Building
Council
Italia



FINISHES



PRODUCT DESCRIPTION

Description

Lime marbled finish with a "Venetian" effect. MITHOS LUX is a thin-layer skimming paste, based on lime putty, earth colourants, micronised marble, adhesion promoters and specific additives.

Intended use

Indoors

- Finish suitable for renovating the internal vertical surfaces of historic buildings
- Homogeneous, absorbent and seasoned lime-based or lime cement-based mineral substrates, suitably seasoned and treated
- Various substrates (cement or plasterboard) as long as they are suitably prepared with specific primers

Main features

- After application, the product reacts with air carbon dioxide generating microcrystalline calcium carbonate
- Excellent breathability
- The controlled dosing of the components makes it possible to apply several coats of dried product, without it clumping
- Easy to apply, it is possible to obtain glossy finishes with a marble effect

Main technical data

Technical information	Method	Main data at 20°C and 60% of R.H.
Theoretical consumption for two coats		0.4÷0.5 Kg/ m ²
Vapour permeability	ISO 7783-2	> 150 g/m ² in 24 h high

Diffusion of WDD water vapour	ISO 7783-2	>150 g/m ² in 24 h High
Water vapour diffusion resistance factor (Sd)	ISO 7783-2	0.04 m

Available colours

White and other colours achievable with the tintometric system. For colour selection, refer to the Color Collection Stucchi Veneziani chart.

LAYING

Dilution and preparation of the product

The product is ready to use.

Mix well until it can be worked correctly. For perfect homogenisation of the colourant, mix with a spatula or whisk, then stir in the mixer.

Warning: as it is a lime product, it naturally tends to thicken; mixing is therefore recommended for proper applicability.

Application tools

- Stainless steel spatula

Preparation of the substrate

NEW WALL SURFACES

Concrete, plasterboard and cement-based plasters: make sure that the substrate is perfectly seasoned; always apply at least one coat of MULTIQUARTZ base coat to regulate absorption and wait for it to dry completely.

OLD SURFACES ALREADY PAINTED OR PARTIALLY DEGRADED

In case of dirt and mould, before carrying out any operation, it is necessary to perform a treatment with specific anti-mould sanitising products, taking care to leave them to act before carrying out a suitable cleaning.

Carry out a careful scraping (mechanical or manual) in order to remove every element that is detaching or in any case is not perfectly cohesive and anchored to the substrate; assess if the complete removal of old paint is necessary.

In case of dusting and chalking, apply a coat of PRYMER ACQ water-based acrylic fixative and wait at least 6-8 hours. Then proceed to apply the MULTIQUARTZ base paint and wait 24 hours before applying the decorative finish.

WALL SURFACES WITH LIME PLASTER OR CEMENT-LIME MORTAR

In case of dusting and chalking, it is necessary to apply a coat of SILICA FONDO SD; wait at least another 24 hours before applying the decorative finish.

In the case of a cohesive and anchored mineral substrate, it will be sufficient to wet the surfaces with water and to proceed to apply the decorative finish.

Application system

Spread with a steel trowel in several consecutive coats, always taking care to wait for the product to at least wither, i.e., that it has begun to

dry on the surface; polish only the last coat of product applied, smoothing the finished surface with the trowel with rounded corners and rounded edges, positioned at 45° with respect to the wall.

- Dry in depth: 24 h
- Overpaintable: after 12÷24 h

Conditions of application

- Relative humidity must not exceed 75%
- Apply on homogeneous substrates, complete the walls without stopping, avoid the recovery of material that is now dry

Practical advice

- In the case of very large surfaces, provide for suitable interruptions near drainpipes or technical joints
- Store the product in its original container at a temperature between +5°C and +30°C
- Faint hues and shading of the colour (lighter and darker) are an aesthetic characteristic, typical of the product
- Given the natural composition of the product, the final colour will have a shaded appearance with chiaroscuro effect and haloing depending on the different absorption of the plasters, on the climatic conditions and the application methods
- Apply a single batch on the same wall or request a continuing batch
- With the construction site in progress, to limit the visibility of interruptions, consider proceeding along the wall with diagonal rather than vertical work sequences
- New plasters must be evenly seasoned, brand new patches must be allowed to mature perfectly
- As it is a natural product, the mixture may contain undercooked or not hydrated limestone fragments

Known incompatibilities

The application of the product on wooden substrates is not recommended.

In the case of surfaces already painted with synthetic paints and plaster substrates, apply suitable primers, such as PRYMER ACQ fixative and MULTIQUARTZ base coat.

For any use other than that indicated in this technical data sheet, contact our Technical Assistance Service.

Cleaning of tools

- With water immediately after use

Safety Precautions

- The product is very alkaline. Protect your eyes during use and in case of contact wash thoroughly with water and consult your doctor
- Keep the container tightly closed after use, away from heat sources, away from frost and direct sunlight
- The safety information for the user is contained in the relevant safety data sheet
- Empty containers must be disposed of in compliance with local regulations.

Warnings

- The final shade of the applied product depends on the porosity and absorption of the substrate, as well as on the thicknesses applied
- We advise to check the colour after the plaster has completely dried
- A matt finish with light/dark shades is obtained, which is the main feature of the product

OTHER INFORMATION

Classification (UNI 8681)

E. 2/4.C.0.A.2.SA
Aqueous dispersion, single-component, hard drying, matt, lime-based base coat and top coat plaster.

VOC classification (Directive 2004/42/EC)

Matt paints for indoor walls and ceilings.
EU VOC limit value for MITHOS LUX BASE BIANCA E NEUTRA (cat. A/a): 30 g/L (2010). MITHOS LUX BASE BIANCA E NEUTRA contains a maximum of 30 g/L of VOC.

Other technical information

Technical information	Method	Main data at 20°C and 60% of R.H.
Density	ISO 2811-1	approx. 1.53 g/ml
Brookfield viscosity	ASTM D 2196	approx. 115,000 cps
Flash point	UNI 8909	Non-flammable
Storage life	UNI 10154	At least 12 months

SECTION LEED

The Mithos Lux Product can contribute to the final score of buildings that apply the LEED version 4.1 standards, contributing to the following credits::

MR Building Product Disclosure and Optimizations: Environmental Product Declaration

EPD TYPE	PROGRAM OPERATOR	NUMBER
Standard	EPD International AB	EPD-IES-0016373:002

MR Building Product Disclosure and Optimizations: Material Ingredient Optimization

MATERIAL INGREDIENT OPTIMIZATION	DECLARATION
International Alternative Compliance Path - Reach Optimization	Substance SVHC < 100 ppm

ITEM SPECIFICATIONS

Application of MITHOS LUX, marmorino plaster paste with a fine granulometry, with a "Venetian" type marbled effect with a satin/translucent finish.

Slaked lime-based MITHOS LUX - in the colour chosen by the P.M. - it is a thick finish that can be applied with a steel trowel.

The application is carried out with two or more coats on walls that have never been painted, or that have already been painted but have been suitably prepared with PRYMER ACQ and MULTIQUARTZ.

Indicative consumption with two coats 0.4÷0.5 Kg/m².

Price on site € _____ per m² including materials, labour and excluding scaffolding, protections and any surface preparation.

All the technical indications contained herein are the result of our best experience, are indicative and do not constitute a guarantee of results. The data and methods shown on this technical data sheet can be modified at any time depending on any change in production technologies. The application of the products takes place outside our control and therefore falls under the sole responsibility of the customer. The correct use of the materials assumes compliance with the general requirements for use set out in the GENERAL CONSIDERATIONS page of the PRODUCT INFORMATION SHEETS collection and in particular with what is indicated in this sheet, especially with regard to the preparation and suitability of the supports. The technical service of Cromology Italia spa is available to users to provide additional information to that reported here. THIS DATA SHEET REPEALS AND REPLACES ANY PREVIOUS EDITION.

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MANAGEMENT SYSTEM ISO 9001, OHSAS 18001, ISO 14001 CERTIFIED BY BUREAU VERITAS SpA.**

PROFESSIONAL USE ONLY