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## arteMURI® TRAVERTINO



Decorative mineral thick plaster with travertine effect.



### Product description and fields of application

TRAVERTINO is a decorative mineral coating in paste form, consisting of slaked and selected hydrated lime, hydraulic binder, marble powder, aggregates and natural pigments; it is resistant to water and atmospheric agents and has excellent water vapor permeability. The product is indicated as a protective finish for interiors and exteriors. Depending on how it is applied, the product gives the substrate a satin, pleasant and compact appearance that reproduces the classic travertine and antiqued effect finishes, with the typical shades of the monumental and artistic stones used in the palaces and villas of the past, a marble or stone effect.

TRAVERTINO can be tinted with the arteMURI tinting system.

### Advantages

- travertine effect
- decorative mineral finish
- excellent breathability
- organic components < 5%

# TRAVERTINO

## Specifications

The wall surfaces, such as mortar plaster based on lime-hydraulic binder, premixed and traditional, can be finished with the mineral coating travertine effect TRAVERTINO of Fornaci Calce Grigolin, a product based on slaked and selected hydrated lime, hydraulic binder, marble powder and charges and natural pigments resistant to light. When finished, the minimum consumption of this product on a prepared surface is 1,5 kg/m<sup>2</sup>.

## Consumption and packaging

TRAVERTINO is supplied in 20 kg packages.

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## Conservation Standards

Store the product in a cool, dry place away from moisture in the original containers. In this way it will keep for about one year.

## Substrate preparation

New substrates and/or any repairs (patches) must be cured by at least 4 weeks, clean and dry. Old substrates must be consistent, free of salt efflorescence and loose parts, thoroughly cleaned according to the nature and intensity of the dirt deposited on the surfaces to be treated. To level and fill imperfections such as holes, cracks or crevices, first intervene with a suitable product or repair mortar. Clean up any mold or algae and then sanitize the surface with SEI OK restorer.

On surfaces already painted with mineral paints, make sure of the condition of the film: brush and/or scrape the detaching film, completely remove high layers of non-adherent paints.

On surfaces that have already been painted with well-adhering synthetic paints (only in interior): you can intervene with the universal primer PRIME GRUND 0.3.

## Substrate treatment

New plasters: apply directly. If necessary moisten with water.

Plasters with mineral paints (lime or silicate): apply a coat of fixative to F4 SIL silicates.

Internal plasters with synthetic paints (acrylic, siloxane): apply a coat of PRIME GRUND 0.3.

External plasters with synthetic paints (acrylic, siloxane): remove completely.

Internal plasters with presence of light paint: remove completely.

New plaster/plasterboard: apply a coat of PRIME GRUND 0.3.

Plaster/plasterboard painted with tempera: remove completely, then apply a coat of PRIME GRUND 0.3.

Plaster/plasterboard painted with washable: apply a coat of PRIME GRUND 0.3.

## Product preparation

TRAVERTINO is ready to use.

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## Application

Proceed with the application by shaving with a stainless steel trowel in two passes with an average interval of 10-12 hours depending on environmental conditions. Between one coat and the other it is possible to wet the surface with water in order to avoid and contain possible shrinkage or cracking of the applied product.

Before the last coat is completely dry, proceed with smoothing and then make the streaks necessary to create the travertine effect with the use of special tools such as, for example, toothed brushes. It is then possible to create clean, clearly visible joints by cutting the product while it is hardening with a metal rod, determining the distances between one joint and the next both horizontally and vertically.

Alternatively, and ONLY in the case of outdoor applications, it is possible to carry out a treatment, after the complete carbonation of the product (about 28 days), with the siloxane water repellent DROP 6 in order to avoid the absorption of water by the decorated surface, leaving unchanged the natural appearance of the product.

## Important Warnings

Do not apply with ambient and/or substrate temperature lower than +5°C or higher than +35°C and with relative humidity higher than 75%. Avoid application in presence of superficial condensation, under direct sunlight or strong wind. The adhesion of the product to the substrate is not guaranteed when the application takes place on surfaces that have salt efflorescence or are subject to humidity, so it is necessary a preventive intervention of masonry restoration.

## Safety instructions

The product is strongly alkaline: use gloves and goggles when handling. Avoid contact with skin and eyes and in case of contact wash immediately with plenty of water. Use the products according to current hygiene and safety regulations. After use, do not dispose of containers in the environment. Let residues dry well and treat them as special waste. For further information please refer to the safety data sheet.

# TRAVERTINO

TECHNICAL DATA	PERFORMANCE
Binder type	Hydrated lime, hydraulic binder
Appearance	in dense granular paste / pigmented
Specific weight (UNI EN ISO 2811-1) 25°C±2	1550 ± 20 g/l
Brookfield viscosity (ASTM D2196) 25°C±2	300.000 ± 50.000 cP
Water vapor permeability and classification (UNI EN ISO 7783-2)	V = 380 g/m <sup>2</sup> 24h Class I (high permeability)
Equivalent air layer thickness (UNI EN ISO 7783-2)	Sd = 0,055 m
Liquid water permeability and classification (UNI EN 1062-3)	w24 = 0,40 kg/m <sup>2</sup> h <sup>0,5</sup> Class II (medium permeability)
Suitable for facade protection as it complies with the KÜNZLE theory (DIN 18550) where w24 < 0,5 kg/m <sup>2</sup> h <sup>0,5</sup> and Sd < 2 m	Sd · w24 = 0,022 kg/m h <sup>0,5</sup>
Application	Stainless steel fratazzo and spatula
Theoretical consumption	ca. 1,5 kg/m <sup>2</sup>
Theoretical yield	Ca. 0,65 m <sup>2</sup> /kg
Overpainting	10-12 hours

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