

# Rasato Travertino



Mod. 51 Rev 64  
Date of update 29/11/2021

Natural mineral polished plaster, lime-based, for textured effects and semi-matt finishes.

**RASATO TRAVERTINO:** an ancient tradition that comes back in an updated version to decorate the most sophisticated locations and buildings with a green product.

**HISTORICAL NOTES:** Ancient texts and the architectural works bear witness to the fact that the greatest Mediterranean civilizations such as the Romans, Greeks, and Egyptians were already using lime for both wall preparation and decoration. The recipe and application techniques for lime-based plaster have been handed down by master artisans to their apprentices for centuries and knew their greatest splendor during the Venetian Renaissance. Andrea Palladio in *The Four Book of Architecture* gives us an in-depth description of the quality of slaked lime and of its uses. Palladio's villas, which have survived in excellent condition, are the most tangible proof of the worth of such materials. **RASATO TRAVERTINO** reinvents is a centuries-old tradition, extremely suitable both in building restoration and as a decorative finish in modern interiors.

## CHARACTERISTICS:

**RASATO TRAVERTINO** is a vapour permeable mineral plaster composed of the best quality lime putty, baked in wood burning ovens, long-cured (essential to guarantee the stability and life of the product), selected and balanced marble dust, vegetal additives, less than 3% of additives of organic origin (dry residue **compliant with DIN 18363, 2.4.6 standard**), earth and inorganic oxides. Organic colourants are used only to obtain particularly bright effects. The use of lime as binder confers the maximum vapour permeability to the system, fostering the natural diffusion of environmental humidity through the plaster and the masonry; given the high basicity, it does not foster the formation and proliferation of moulds and bacteria, provided that external factors don't modify its pH. Thanks to the process of carbonation it forms a barrier which is tenacious and unalterable over time. **TRAVERTINO** has good resistance to light, it is non-flammable, absolutely non-toxic, and non-polluting. Due to its particular mineral composition the product may be subject, in the case of exterior application, to irregular spotting and discoloration due to the uneven absorption of the product during the application phase, and over time due to exposure to various environmental factors; in addition exposure to persistent and driving rain in the first few days following application, especially if the rain is acidic, may give rise to the formation of a superficial whitish patina caused by a chemical reaction of the not yet carbonated calcium hydroxide, a phenomenon which tends to disappear overtime with subsequent rain showers. Such imperfections should not be considered defects but rather a characteristic of the product's naturalness.

## USE:

**RASATO TRAVERTINO** is particularly suitable for the renovation and restoration of old historical buildings such as churches, palaces or villas, both interior and exterior; to create surfaces of elevated aesthetic both modern or traditional: halls, stairways, bathrooms, living rooms; to add a touch of elegance to the most refined public places such as hotels, restaurants, shops, etc.. It is also the ideal solution as a finish on interior restorative-dehumidifying plaster.

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According to the application technique, **RASATO TRAVERTINO** can be used to obtain a smooth and semi-matt effect, textured effect, or for decoration in special finishes, such as dragged, pitted and natural Travertine stone effect. To achieve some customized finishes it is also possible to apply decorative finishes from the **STILE ITALIANO** collection over it, such as **Riflessi di Luna**, **Art Metal**, **Antica Patinatura**, **Tendenze**, **Marmo di Venezia**, etc.

## PREPARATION AND APPLICATION:

Interior - preparation: neutralize in advance with suitable products the presence of stains or efflorescences. In case of irregular substrates, both in interior or exterior, with uneven absorption rates, restored plaster, stains, etc., it is recommended to apply a first coat of **INTOCALCE** with a steel trowel in order to even out the surface and balance the absorption rate. On cement plaster or old mineral paint, if non-dusty, compact and sufficiently coarse it is possible to apply **RASATO TRAVERTINO** directly. On gypsum, plasterboard, old dusty paint, putty, apply a first coat of **PRIMER A** diluted 1:4 with water until full saturation of the surface. Then apply a subsequent coat of **SMARTCOAT 0.1** or **0.4 mm**.

Exterior - preparation: application on top of lime-based plaster is recommended. In case of deteriorated plaster, the plaster must be removed and restored with new lime-based plaster (**ARCADIA INTONACO**). On plaster or old mineral paint, which are well anchored to the substrate but particularly friable, we recommend the complete saturation of the surface with one coat of **ACCADEMIA SILIK PRIMER** diluted with water in a 2:1 ratio. In the presence of organic paints or synthetic coatings these must be completely removed and the original plaster restored and smoothed with **INTOCALCE** in order to allow an appropriate and homogenous bond surface.

Homogeneously spray water on dusty or particularly dry surfaces prior to application to improve adherence to the substrate of lime-based products.

Apply a first coat of **RASATO TRAVERTINO** with steel trowel to fill any imperfection in the substrate. When the first layer is completely dry, apply a second layer to smooth the surface.

RUSTIC EFFECT: when the second coat of **RASATO TRAVERTINO** is not yet completely dry, work the surface with a sponge trowel to achieve the rough effect of rustic plaster.

SEMI-MATT POLISHED EFFECT: apply a third thin coat of **RASATO TRAVERTINO**, let it dry a bit and then start polishing it with the side of the blade by pressing on the trowel until a smooth and semi-matt surface is achieved.

DRAGGED, PITTED, NATURAL STONE EFFECTS: apply a third coat of **RASATO TRAVERTINO** by trowel and work the surface with the dedicated tools to achieve the desired texture. Let the plaster dry a bit and then start polishing it with the side of the blade by pressing on the trowel to smooth the surface.

If you wish to further decorate and protect **RASATO TRAVERTINO** with a decorative paint from the **STILE ITALIANO** collection, wait until the plaster is completely dry.

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In exterior, after 2-3 days from last coat, protect the plaster with **PROTEXIL® IMPERMEABILIZZANTE** silane/siloxane solvent-based water-repellent sealer, which will highly improve resistance to water, acid rains and dirt pick-up. As an eco-friendly alternative, apply 1 or 2 coats (wet on wet) of **PROTEXIL® ANTIMACCHIA** water-based oil and water protection based on C4 fluoropolymer resins, extremely vapour-permeable, ready to use. This procedure is also recommended in interior in case of application of the lime finish in wet areas or areas particularly exposed to dirt and dust. Make sure to avoid contact of the plaster with driving rain during the whole system application and for the 3 days following application of the protective coat.

## IMPORTANT NOTES:

- Before beginning application, make sure that the substrate is perfectly dry and cured and is perfectly anchored. Surface must be free from dirt, oil, mould, fungus, bacteria, efflorescence or anything else that could compromise adhesion or the successful outcome of the job.
- Protect the containers from freezing (minimum + 5°C)
- Store in a cool, dry place. Do not expose to direct sunlight.
- The temperature of both the work environment and the background should be between + 8°C and + 35° C. Relative humidity must not exceed 75%.
- Prevent drying of the product at temperatures of either the work environment or the background below + 5°C
- Do not use the product when there is the likelihood of rain, in direct sunlight, strong winds, or persistent fog.
- Protect the treated surfaces from driving rain for as long as necessary for the complete seasoning of the product.
- Arrange the scaffolds in such a way as to allow continuous application until architectural interruptions to avoid the formation of joints, overflows and colour differences.
- Obtain enough of the colour in a single batch to complete the job or at least to complete portions of work which do not draw attention to shade differences.
- Wash all tools with water immediately after use.
- Due to its highly alkaline nature, the product is a skin and eye irritant, contact should therefore be avoided.
- Refer to the relevant safety sheet for any information not included above.

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## TECHNICAL DATA:

<b>Drying time at 20°C</b>	Superficial 2 - 3 hours; In depth 24 - 36 hours
<b>Consumption</b>	0.8 – 1.4 kg/m <sup>2</sup> per coat according to effect.
<b>Finish</b>	Smooth semi-matt or rough matt
<b>Max. grain size</b>	0.7 mm
<b>Solid content 105°C</b>	71 - 73%
<b>Solvent (for the wet product)</b>	Water
<b>Packages</b>	20 kg - 5 kg
<b>Permeability to water vapour (DIN 52615)</b>	Sd = 0.298m (for a thickness of 3.4 mm) μ = 87.6
<b>Colours</b>	White, " <b>Marmo Venezia – Stucco di Venezia</b> ", " <b>Rasato e Travertino</b> ", " <b>I Colori del Colore</b> " (*all colours are guaranteed for internal use only, for external use, it is mandatory to specify it when placing the order)

### Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:

Classification: A/ a) "matt coatings for interior walls and ceilings";

Limit Phase I (from 01/01/2010): 30g/l

VOC: 20 g/l (max).

The information contained herein is the result of scrupulously controlled tests and expresses our best and most up-to-date knowledge. Moreover this information is intended for informational purposes only. The manufacturer cannot be held responsible for the improper use of these products, nor does the information contained herein provide a pretext for disputes of any type. This is also in light of the fact that the working methods employed are beyond our control.

Please refer to the relevant Safety Data Sheet.