

Marmo Di Venezia[®]

Natural mineral Venetian plaster for a high-gloss finishes.



Mod. 51 Rev 64

Date of update 11/12/2019

MARMO DI VENEZIA[®], the best authentic expression of the Italian tradition of Venetian Plaster with a glossy finish and a natural mineral composition.

HISTORICAL NOTES. Ancient books and the architectural works witness the fact that the greatest Mediterranean civilizations such as the Romans, Greeks, and Egyptians were already using lime for both the preparation of plaster and for wall decoration. The art of mixing the components and the application techniques have been handed down by the master artisans over the centuries and knew their greatest splendor during the Venetian Renaissance. Andrea Palladio in *The Four Books on Architecture* gives us an in-depth and articulate description of the quality of slaked lime and its uses. Palladio's villas, which have survived in excellent condition, are the most tangible proof of the durability of such materials. **MARMO DI VENEZIA[®]** is a tribute to this ancient Italian tradition and unique technique. Ideal for the renovation and preservation of historical building and monuments and for the decoration of modern interiors.

CHARACTERISTICS:

MARMO DI VENEZIA[®] is a vapour permable 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), impalpable marble dust, vegetal additives, less than 5% of additives of organic origin (dry residue **compliant with DIN 18363, 2.4.6 standard**), earth and inorganic oxides. The organic colorants are used only in the to obtain very bright colours. The use of lime as binder confers the maximum vapour permeability fostering the natural diffusion of environmental humidity through the plaster and the masonry; given its high alkalinity, it does not foster the formation and proliferation of moulds and bacteria and thanks to the process of carbonation it forms a barrier which is tenacious and unalterable over time. The final polishing by trowel, makes the surface extremely smooth and glossy. Thanks to the special material used, **MARMO DI VENEZIA[®]** has good resistance to light (only in the colours marked "N"), 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 discolouration 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 then with time to disappear with subsequent rain showers. Such imperfections should not be considered defects but rather a characteristic of the product's naturalness.

USE:

MARMO DI VENEZIA[®] is particularly suitable for the preservative restoration of old historical buildings such as churches, palaces or villas, both interior and exterior; to create surfaces of elevated aesthetic value in all settings whether modern or classic: 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. To achieve special effects it is also possible to apply **RIFLESSI DI LUNA** on **MARMO DI VENEZIA[®]** for an iridescent finish.

PREPARATION AND APPLICATION:

Interior – preparation: neutralize in advance with suitable products the presence of stains or efflorescence. In case of substrates, both in interior and 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 the system 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 mm**.

Exterior - preparation: application on top of lime plaster is recommended. In case of deteriorated plaster, the plaster must be removed and restored with new lime 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.

Always lightly spray the surface with water before applying lime-based products to improve bonding with the substrate.

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Once the substrate is adequately prepared and fully cured apply one or two coats of **RASATO FINE** or **RASATO TRAVERTINO** by stainless steel trowel. Then, when the surface is completely dry, apply **MARMO DI VENEZIA®** in 2 or 3 coats by stainless steel trowel. Each coat has to be smoothed and dried properly until a smooth and homogeneous surface is achieved. Once the last coat is starting to dry, but it's still fresh (5-15 minutes after application depending on substrate and room temperature and humidity) polish the surface by pressing energetically on it with the trowel with crossed strokes.

To obtain an antique effect or salt & pepper effect, apply **MARMO DI VENEZIA®** by steel trowel directly on cement plaster or **INTOCCEM RASANTE** until surface is fully leveled. Each coat applied has to be sanded with fine sanding paper in order to show the dotted effect.

If you wish to increase water-repellency of the surface in interior, after 2-3 hours from application of the last coat, apply **MARMO DI VENEZIA SAPONE** by stainless steel trowel. In exterior, after 2-3 days from application of the last coat, it is necessary to protect the surface with **PROTEXIL® IMPERMEABILIZZANTE**, silane/siloxane solvent-based water-repellent sealer, to the point of saturation, in order to protect the surface from acid rains, wear and dirt. 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. 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, grease, 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°. 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 corresponding safety sheet for any information not included above.

TECHNICAL DATA:

Drying time at 20°C	superficial 2 -3 hours; completely dry after 24 - 36 hours
Consumption	0.15 – 0.25 kg/m ² per layer applied
Solid content 105°C	63-65%
Max. grain size	30 micron
Final aspect	Polished, glossy
Solvent	water
Packages	20 kg - 5 kg
Colours	White, "Marmo di Venezia- Stucco di Venezia", I Colori del Colore (*the colours in the colour card are for interior use only, for use in exterior it is mandatory to specify it when placing the order.)

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PRODUCT CHEMICAL COMPOSITION

Product	Material	CAS NUMBER
Marmo di Venezia (0847)	water	7732-18-5
	calcium hydroxide	1305-62-0
	Calcium Carbonate	471-34-1
	ethylene-vinyl alcohol (EVOH) copolymer resin	26221-27-2
	cellulose	9004-34-6

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

Classification: A/ I) "decorative effect coatings";

Limit Phase II (from 01/01/ 2010): 200 g/l

VOC: 25 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.