

Technical Data Sheet

Venetian Marmorino Medium - Marmorino Carrara Fine natural mineral lime finish

Product description: Traditional Venetian natural mineral lime base wall covering for fine decorative finish on interior and exterior surfaces. Naturally anti-mould and breathable finish

Name: VENETIAN MARMORINO MEDIUM



Composition: aged, finely filtered slaked lime putty, special powdered marble granules sifted and selected according to granule size of 000 = mm. 0.0 ÷ 0.5, water and special additives (no more than 2,2% total in wet volume)



Type of Surface to be Covered:

New	plaster gypsum plasterboard medium density	no priming necessary one coat of Quartz Primer or Universal Primer one coat of Quartz Primer or Universal Primer one coat of Quartz Primer or Universal Primer
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Old	old plaster distemper/fast-drying limewash polished lime finish washable paint	one coat of Quartz or Universal Primer brush down thoroughly and one coat of Universal Primer brush down thoroughly sandpaper, brush down and one coat of Quartz Primer one coat of Quartz Primer
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Performance: excellent decorative effect
 excellent drying capacity
 excellent natural anti-mould and mildew
 high adhesion to support
 excellent coating capacity
 excellent filler properties
 excellent workability



Appearance: very smooth and satiny with pleasant faceted surface

Colours: white, but you can tint any colour from our chart of Colouring System

Packaging: 24 kg. net polyethylene containers
 16 kg. net polyethylene containers
 8 kg. net polyethylene containers

Application: by hand, with a steel trowel



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Dilution: none: ready-to-use paste; powder

Theoretical Yield: - gr/m² 1.400 ÷ 1.500 in three coats

Drying (carbonation): 3 hours at 20°C to the touch
48 hours at 20°C below the surface
180 days stable

Application Temperatures: min. 5 max 30°C - U.R. < 85% ca.

Specific weight: 1,560 ± 50 (gr/LT.)

Volumetric Masst: 1,670 ± 60

Viscosity: 200,000 ± 25,000 CPS = 20° (white)

Fade resistance: resistant/non-resistant (ASTM norms)

pH after 30 days: 12.5 ± 0,20

Vapour resistance: α 24 ± 2 average (ASTM norms)

Vapour permeability: gr/m² x 24 h = 260 ± 30 (ASTM norms)

Coat Thickness: 1,1 ÷ 1.6 mm. total 3 coats



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Inflammability:	Fire, Smoke & Explosive hazards Fire Growth Rate Index-04: Class O British and Class B Euroclass Smoke Growth Rate Index: Class O British and Class B Euroclass Non combustible material. Tests carried out in accordance with BSEN 13823:2002
Mold/Mildew Resistance:	ASTM D 3274 – “Standard Test Method to evaluate the degree of surface disfigurement of paint by microbial, fungal and algal growth Result: Front Panel 10/10/10 Back Panel 10/10/10 = no growth
Scrub Test Resistance:	ASTM D 2486-06 method A . It was used scubing fine sand + metallic brush for >10.000 cycles
Impact Test:	UNI EN ISO 6272-2-2006. A 1 kg doming punch was dropped from different heights and only at the height of 9 cm., it left a 6.0 mm. dent in the surface and a tiny crack appeared around its circumference.
VOC Classification:	As per Dir. 2004/ 427 EC, Cat. A/c: Paints for exterior walls of mineral substrate. Eu limit 75 g/l (2007) 40 g/l (2010). This product contains 0 g/l of VOC.
Hardness by Pencil:	ASTM D3363- Pencil hardness 6H
Shore Hardness:	Norm ASTM 2240 average
Adhesion:	Norm UNI EN 13892-8 2004 average value = 2,0
Shelf Life:	48 months
Storage Suggestions:	Product maintains its characteristics best if protected from extreme heat or cold. Avoid freeze.
Safety Norms:	Lime products are caustic. In case of contact with eyes or skin, rinse thoroughly with water. Keep out of reach of children.
Disposal:	Product must be disposed of according to norms and regulations in force. Containers must be sent for recycling.



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INSTRUCTIONS FOR VENETIAN MARMORINO

VENETIAN MARMORINO should be applied to plaster (rough or smooth, new or not insulated).

Already painted surfaces require a thorough brushing down to remove dust and uneven parts.

Where necessary, use a brush or roller to apply a coat of **Quartz Primer** diluted with water up to about 30% in volume to be used, ca. gr/m² 150 ÷ 200, or **Universal Primer** diluted 1 to 7/8 with water. Apply at least three coats of Marmorino with a steel trowel.

NOTE: - water on the surface of the material into the bucket is normal, and should be removed before use or addition of colorants.

- all lime-based products lose their viscosity when shaken, and need a period of 6/12 hours after mixing to regain their density. The product is very dense, and ready for use, thus it may be necessary to use an appropriate drill attachment to stir for a few minutes to reduce viscosity. Choose the colour. Add all of the COLOUR ADDITIVE to the container and continue mixing until a homogeneous shade is obtained. Let the product rest for about 5 hours before using

1) First coat of VENETIAN MARMORINO MEDIUM: use ca. 800 ÷ 900 gr/m². This coat is applied directly to the plaster, taking care to apply it evenly so as to smooth out any imperfections in the ground.

2) Second coat of VENETIAN MARMORINO MEDIUM: apply when the FIRST coat is dry. Use ca. 500 ÷ 600 gr/m², taking care that the surface is as smooth and groove-free as possible, but DO NOT POLISH as this will cause problems for the adhesion of the final finish coat.

3) Third coat of VENETIAN MARMORINO MEDIUM: Use ca. 100 ÷ 150 gr/m². Apply before the second coat is completely dry, that is WET INTO WET, so that the granules of marble penetrate into the previously applied coat. With this hand, proceed with the final smoothing and polishing. For greater polish, go over the surface repeatedly with the trowel.



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PROTECTING SURFACES AGAINST DIRTY

INTERIORS

After a minimum of 48 hours, at least one coat of the following can be applied:

A) **MARSEILLE** protective coating with a steel trowel. Use ca. 30 ÷ 50 gr/m².

After 48 hours, go over the surface with a cloth to remove the coat of surface powder produced by unabsorbed soap.

B) a coat of **WAX** applied with a sponge. Use ca. 30 ÷ 50 gr/m².
After a little, before it dries, rub vigorously with a woollen or soft cloth to obtain an even polish.

C) EXTERIORS

after at least 72 hours at a minimum of 30°C, proceed with colourless, penetrating **HYDROCALCE**, developed to protect exterior plaster coverings. Use a brush to apply two coats of ca. 300 ÷ 500 gr/m².

We have drawn up the material presented above to the best of our technical and experiential knowledge.

Nevertheless, our suggestions and recommendations are not guaranteed. We reserve the right to make modifications to the present information without previous warning.

MAINTENANCE

Not special work in maintenance, Just remove the dust periodically and re-wax it after 5 or 6 years.

Protect the coating from any contact with liquid either raining or flowing down the wall.

Remove immediately coffee or other liquid sprayed on the wall

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