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## Technical Data sheet

# VENETIAN MARMORINO COARSE

**Fine natural mineral lime finish**



### Green LEED Certification

This product has the American Green Leed Certificate of sustainable material using recycling or pre-consumer material till 27% of the total weight

Name	<b><i>VENETIAN MARMORINO MEDIUM</i></b>	
Description	natural mineral lime base wall covering for fine decorative finish on interior and exterior surfaces.	
Composition	aged, finely filtered slaked lime putty, special powdered marble granules sifted and selected according to granule size of 000 = mm. 0.0 ÷ 0.8, 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 <b>Quartz Primer</b> one coat of <b>Quartz Primer</b> one coat of <b>Quartz Primer</b>





## TECHNICAL DATA

<b>Application</b>	by hand, with a steel trowel
<b>Dilution</b>	none: ready-to-use paste
<b>Theoretical Yield</b>	- gr/m <sup>2</sup> 2,200 ÷ 2,400 in three coats
<b>Drying (carbonation)</b>	3 hours at 20°C to the touch 48 hours at 20°C below the surface 180 days stable
<b>Application Temperatures</b>	min. 5 max 30°C - U.R. < 85 % ca.
<b>Specific weight</b>	1,560 ± 50 (gr/LT.)
<b>Volumetric Mass</b>	1,670 ± 60
<b>Viscosity</b>	200,000 ± 25,000 CPS = 20° C (white)
<b>Fade resistance</b>	resistant/non-resistant (ASTM norms)
<b>pH after 30 days</b>	12.5 ± 0,20
<b>Vapour resistance</b>	μ 24 ± 2 average (ASTM norms)
<b>Vapour permeability</b>	gr/m <sup>2</sup> x 24 h = 260 ± 30 (ASTM norms)
<b>Coat Thickness</b>	1,5 ÷ 1.9 mm. total 3 coats
<b>Inflammability</b>	<b>Fire, Smoke &amp; Explosive hazards</b> 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
<b>Mold/Mildew Resistance</b>	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
<b>Scrub Test Resistance</b>	ASTM D 2486-06 method A . It was used scubing fine sand + metallic brush for >10.000 cycles
<b>Impact Test</b>	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.

<b>VOC Classification</b>	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.
<b>Hardness by Pencil Test</b>	ASTM D3363- Pencil hardness 6H
<b>Shore Hardness</b>	Norm ASTM 2240 average 70
<b>Adhesion</b>	Norm UNI EN 13892-8 2004 average value = 2,0
<b>Shelf Life</b>	48 months
<b>Storage Suggestions</b>	Product maintains its characteristics best if protected from extreme heat or cold. Avoid freeze.
<b>Safety Norms</b>	Lime products are caustic. In case of contact with eyes or skin, rinse thoroughly with water. Keep out of reach of children.
<b>Disposal</b>	Product must be disposed of according to norms and regulations in force. Containers must be sent for recycling.

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.