

Name	VISOLCALCE MARMORIN
Description	Ecological lime based mineral plaster .
Main Features	<p>VISOLCALCE MARMORIN is a coloured plaster based on lime putty suitable for internal and external finishes of new and old architectural buildings with art and historical importance..</p> <p>The product presents excellent characteristics of colour stability high water vapour permeability, easy application, excellent fire resistance, and a natural appearance, , typical of old lime based plasters and coloured pigments.</p>
Classification (UNI 8681)	E. 2/4.C.O.AC.2.SA Water soluble, single component, physically– chemically drying, matt, lime based, filler for base coats and finishes.
VOC Classification (Directive 2004/42/EC)	Matt paints for interiors wall and ceilings. EU limit value for VISOLCALCE MARMORIN (cat. A/a): 30 g/L (2010). VISOLCALCE MARMORIN contains max. 30 g/L of VOC.
Surface treatment of the substrate	<p>New mineral surfaces:</p> <ol style="list-style-type: none">Before the application of VISOLCALCE MARMORIN wet the surface with water.Apply the product on smooth or a fine rendered surfaces. Otherwise, prepare the surface by using our product RESTAURA FINISH 05. <p>Old and degraded mineral surfaces:</p> <ol style="list-style-type: none">Clean the surface well, removing all traces of previous paint and/or plaster, dirt, grease etc., by brushing, sanding or with a vapour cleaning equipment.Smooth the entire wall with our product RESTAURA FINISH 05.Wet the surface with water then apply one coat of VISOLCALCE MARMORIN.
Application	<ol style="list-style-type: none">Apply one coat of VISOLCALCE MARMORIN with a stainless steel trowel.Before the product is completely dry, apply a second coat of VISOLCALCE MARMORIN to achieve a smooth and compact surface.By working on the surface with a stainless steel trowel, it's possible to obtain a perfect polished, satin finish.
Practical advices	<p>Store the product in original sealed drums protected from frost. Close the drums immediately after use. At the moment of application the substrate should be sufficiently dry. Do not apply on surfaces with rising damp. Do not apply under direct sunshine, with high winds and hot temperatures. Joint lines and shadows in the colour (lighter and darker patches) are aesthetic characteristic. When working on very old plasters use the product very thinned, using up to five coats. Due to the natural composition of this product, the final colour will depend on the weather conditions and absorption of the plaster. New plaster must be uniformly cured. New repairs must be let cure completely. Wash working tools with water immediately after use. Because of its natural composition it is possible to find inside the product not well cooked or not well hydrated lime lumps. In order to obtain a perfect colour blend, use a spatula to first mix the pigments and then a mixer for at least 10 minutes. Environmental and surface conditions: Ambient Temperature: min +5°C and +35°C Ambient Relative Humidity: 75% Surface Temperature: +5°C and +35°C</p>
Safety precautions	<ul style="list-style-type: none">The product is strongly alkaline. Protect eyes during application. In case of contact wash with plenty of water and consult the doctor.Labelling required (D. L. N 52 OF 03-02-1997 and following modifications)For safety precautions please consult the relative Material Safety Data Sheet.The user information is contained in the relative data sheet.The empty buckets with traces of dry product must be disposed of according to local regulations.

Specifications and other technical information	Method	Main data at 20°C and 60% Relative Humidity
Coat finish and aspect		Matt
Density g/ml	MPL 007 (UNI 8910)	1.550 ÷ 1.600
Viscosity		Paste
Consumption rate per coat Kg/m ²	MPL 059	0.9 ÷ 1.2
Shelf life (in cool and dry place)	MPL 064 (UNI 10154)	At least 12 months
Solid content weight %	MPL 027 (UNI 8906)	60 ÷ 64
Touch dry hrs	MPL 066	3 ÷ 4
Thoroughly dry	MPL 066	The complete carbonation takes place in 2-3 weeks (60-70 % of lime). The entire process requests 8-9 months.
Exteriors / Interiors		Yes / Yes
Colours		White, Colours with our tinting System
Binder		Lime
Tool cleaner		Water
Thinner		Water
Trowel application Volume %	MPL 065	Ready to use

All the technical data herein contained are fruit of our best experience and have indicative value and do not constitute guarantee of result. All the information and data reported herein are subject to variation at any time according to the latest development in the production technology. The application of the product is carried out beyond our control and it is therefore under the exclusive responsibility of the client. The correct use of the products implies the compliance of the GENERAL prescriptions of use and in particular those indicated on this data sheet, particularly concerning the suitability and preparation of the substrates. The technical service of MATERIS PAINTS Italia S.p.A. is at the user disposal for the supply of any integrative information required.

THIS DATA SHEET ANNULS AND SUBSTITUTES ANY PREVIOUS VERSION.

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