

Name	VISOLCALCE MARMORIN HYDRO (Water-repellent Marmorino)
Description	Slaked lime based Marmorino plaster, formulated with special additives that make the surface highly water-repellent.
Main characteristics	VISOLCALCE MARMORIN HYDRO is a smooth, translucent, lime based marmorino plaster, containing oxide powder pigments, fine grained marble powders, hydrophobic additives and adhesion promoters. After the application, lime contained in the product reacts with the carbon dioxide in the air creating microcrystalline calcium carbonate and forming a compact, uniform and breathable structure. Its prestigious finish is mainly suited to historic centres and façades with cornices, friezes and pilasters. Suitable for application on uniform, absorbent and even aged lime-based or mixed plasters. Given the natural composition of the product, according to the absorption of the substrate, to the climate conditions and to application method, the final shade will be highlighted with "light and shade" effect.
Tintometric system	VISOLCALCE MARMORIN HYDRO can be tinted using the Tintometric system.
Classification (UNI 8681)	E. 2/4.C.0.AC.2.SA Aqueous dispersion, single component, reactive chemical hardening, opaque, lime-based plaster for base layer and finish
VOC classification (Directive 2004/42/CE)	Opaque paint for interior walls and ceilings. EU VOC limit value for VISOLCALCE MARMORIN HYDRO (cat. A/a): 30 g/L (2010). VISOLCALCE MARMORIN HYDRO contains at most 30 g/L of VOC.
Interior - Instructions for use and surface preparation	<u>New surfaces</u> <ul style="list-style-type: none">- Lime-based or mixed mortar plasters and fine textured cured plaster: The surface must be uniform, matured, absorbent and free of patches or plastic finishes. In case of chalky surfaces apply a coat of PRYMER ACQ, and then apply one coat of VIEROQUARTZ.- Interior gypsum based surfaces: apply a coat of a water-based fixative, if necessary render the surface with a specific filler for gypsum. Roughen the surface with appropriately diluted quartz-based acrylic paint VIEROQUARTZ. Apply two or three coats of VISOLCALCE MARMORIN HYDRO. <u>Already painted surfaces</u> <ul style="list-style-type: none">- Cement based or mixed mortar plasters, already coated or partially degraded: remove all traces of dirt, any parts that are not perfectly anchored and any efflorescence. Clean with anti-mould solution if necessary. In case of chalky surfaces apply a coat of PRYMER ACQ, and then apply one coat of VIEROQUARTZ. Render any thickness up to 3 mm with ADESAN LIME or other lime mortar and let it cure for at least 5 or 6 days. Greater thicknesses should be treated with products compatible with the existing mortar and let them cured. Wet the surface and apply two or three coats of VISOLCALCE MARMORIN HYDRO
Exterior - Instructions for use and surface preparation	<u>New mineral surfaces:</u> Before the application of VISOLCALCE MARMORIN HYDRO wet the surface with water. In case of chalky surfaces apply a coat of PRYMER SE , and then apply one coat of VIEROQUARTZ Apply two or three coats of VISOLCALCE MARMORIN HYDRO. <u>Old and degraded mineral surfaces:</u> 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 ADESAN LIME . If necessary embed a mesh in ADESAN LIME to reinforce all surfaces. Wet the surface with water then apply two or three coats of VISOLCALCE MARMORIN HYDRO .
Instructions for use and surface preparation on tiles	For application on tiles see our technical guide downloaded on www.vieropaints.com .
Application	VISOLCALCE MARMORIN HYDRO is ready to use. Mix carefully until it can be worked. Any layer of liquid on the surface must be mixed in with the rest of the product. Apply two or three coats of VISOLCALCE MARMORIN HYDRO 24 hours apart using a stainless steel trowel and refinish with a circular movement using a sponge trowel, as for a normal plaster. For a smooth and translucent finish, the last coat should be polished and compacted with a stainless steel trowel. If used in exterior or in very damp areas such as, baths, showers, etc. where greater water repellency is needed, apply a top coat of HYDRO PROTECTION following the instructions on the related data sheet.



Practical suggestions

- In case of exterior application we strongly suggest to contact our technical department to do a site inspection
- Due to the chemical nature of the product it may be highly viscous when opened. Simply stirring it with a mixer will restore it to the proper application viscosity
- Store the product in its original packaging at a temperature between + 5°C and + 30°C.
- Do not apply different lot numbers on the same façade.
- Complete the wall without pause and avoid recovering dry material. For large surfaces, plan any pauses near downpipes or joints.
- Do not apply in direct sunlight (+35°C) or in temperature conditions that could go below + 5 °C during the first 24 hours after application. The relative humidity must not exceed 80%.
- After application, the surfaces must be protected from rain for at least 48 hours.
- Wash tools with water immediately after use.

Safety precautions

The product is strongly alkaline. Protect eyes during application. In case of contact wash with plenty of water and consult the doctor.
 For safety precautions please consult the relative Material Safety Data Sheet.
 The user information are contained in the relative data sheet.
 The empty buckets with traces of dry product, must be disposed of according to local regulations

Characteristics and other technical information	Method	Main data at 20°C and 60% Relative Humidity.
Density g/ml	UNI 8910	1,500 ÷ 1,600
Viscosity	ASTM D 2196	Paste
Theoretical consumption for two coats Kg/m ²	ISO 7254	3 ÷ 3,5
Flash point °C	UNI 8909	Not flammable
Storage life (in a cool, dry place.)	UNI 10154	At least 12 months
Hard dry h		24 h
Dry to recoat h		After 12 ÷ 24h
Application surfaces		Exteriors \ Interiors
Colours		White, Tintometric System Colours
Binder		Lime Putty
Cleaning tools		Water
Thinner		Water
Stainless steel trowel application		Ready for use

All of the technical data contained herein is based on our knowledge and experience, are indicative and are not a guarantee of results. The data and methods given in these technical specifications may be changed at any time based on changes in production technology. Application of the product is beyond our control and is therefore at the sole responsibility of the customer. The correct use of the materials requires compliance with the general instructions given on the page GENERAL CONSIDERATIONS in the PRODUCT INFORMATION SHEETS and especially what is indicated in this sheet, with particular attention to the preparation and suitability of the surface. Cromology Italia spa technical assistance can be contacted for any further information.
 THESE TECHNICAL SPECIFICATIONS DELETE AND REPLACE ANY PREVIOUS EDITIONS.

