

VIERO VEL

FINISHES



PRODUCT DESCRIPTION

Description Hydrophobic siloxane glaze with matt finish, based on resins in aqueous emulsion and inorganic pigments.

Intended use Indoors/Outdoors

- Wall surfaces, protected with smooth or thick finishes
- Protective coating for mineral and synthetic finishes

Main features

- Decorative glaze with a matt appearance
- Different decorative effects can be achieved, depending on the technique
- Breathable
- Water-repellent
- It has the unique feature of enhancing the finishes on which it is applied
- It can also be used as an excellent protective agent for any type of substrate

Main technical data

Technical information	Method	Main data at 20°C and 60% of R.H.
Theoretical yield per coat	ISO 7254	10÷20 m ² /L

Available colours Transparent (opalescent) and colour collection. For colour selection, refer to the Color Collection E-Brezza/Viero Vel chart.

LAYING

Dilution and preparation of the product

With water from a minimum of 100% to a maximum of 200%. The dilution must be decided according to the intensity of the desired colour and the absorption of the substrate, and in some cases it can be brought up to 500% by volume with water. This dilution method, dictated by the particular composition of the product, is essential and must be carried out with the utmost care.

Mix the product well and gradually dilute it with water, stirring thoroughly after each addition.

The possible formation of foam during mixing is a normal reaction of the siloxane resin.

Application tools

Brush, Sponge, Glove, Pad

Preparation of the substrate (external and internal)

NEW WALL SURFACES

Concrete, plasterboard and cement-based plasters: make sure that the substrate is perfectly seasoned; always apply at least one coat of MULTIQUARTZ (white or coloured) base coat to regulate absorption and wait for it to dry completely. Alternatively, if greater adhesion is required, it will be possible to apply a coat of VIEROGRIP PLUS (white or coloured) and wait 24h before applying the decorative finish.

OLD SURFACES ALREADY PAINTED OR PARTIALLY DEGRADED

In case of dirt and mould, before carrying out any operation, it is necessary to perform a treatment with specific anti-mould sanitising products, taking care to leave them to act before carrying out a suitable cleaning.

Carry out a careful scraping (mechanical or manual) in order to remove every element that is detaching or in any case is not perfectly cohesive and anchored to the substrate; assess if the complete removal of old paint is necessary.

In case of dusting and chalking of external surfaces, it is necessary to apply a coat of PRYMER SE consolidating solvent-based fixative or PRYMER ACQ 100 high penetration water-based acrylic fixative, and wait 24h. Then proceed to apply the base paint which can be MULTIQUARTZ or VIEROGRIP PLUS depending on the uniformity and filling required and wait 24 hours before applying the decorative finish.

In case of dusting and chalking of internal surfaces apply a coat of PRYMER ACQ water-based acrylic fixative and wait at least 6-8 h. Then proceed to apply the base paint which can be MULTIQUARTZ or VIEROGRIP PLUS depending on the uniformity and filling required and wait 24 hours before applying the decorative finish.

WALL SURFACES WITH LIME PLASTER OR CEMENT-LIME MORTAR

In case of dusting and chalking, it is necessary to apply a coat of SILICA FONDO SD; after 24h proceed to apply a coat of VIEROGRIP PLUS and wait at least another 24h before applying the decorative finish.

In case of cohesive and anchored mineral substrate, it will be sufficient to apply a coat of VIEROGRIP PLUS and wait at least another 24 hours before applying the decorative finish.

Application system

Apply two coats, diluted according to the intensity of the desired effect, leaving at least 12 hours between each one.

- Touch dry: max 2÷3 h
- Dry in depth: max 24 h
- Overpaintable: after 12 h

Conditions of application

Ambient and substrate conditions: the substrate must be dry, free from dust and grease.

- Ambient temperature: min. +10°C / max. +35°C in the first 24 hours after application
- Relative humidity of the environment: < 75%
- substrate humidity: < 10% of R.H.
- New finishes must be perfectly dry and seasoned
- Avoid application of the product in direct sun or on particularly windy days

Practical advice

- Apply a single batch on the same side or request a continuing batch
- In the case of very large surfaces, provide for suitable interruptions near drainpipes or technical joints
- Apply on homogeneous substrates, complete the façade-wall without stopping, avoid the recovery of product that is now dry
- Store the product in its original container at a temperature between +5°C and +35°C
- Be careful on very absorbent substrates to avoid overlaps (hairlines), which can lead to colour imperfections
- Carefully check the application method for very absorbent finishes (lime and silicates) so as to avoid imperfections (gaps and joints)
- Increasing the dilution makes the final colour appear less intense
- After application, protect the surface from adverse weather conditions and dust for at least 48 hours with sheets
- The product completes its drying and polymerisation processes within 8÷10 days in optimal environmental conditions (5÷35°C; R.H. max. 75%). Should the product be washed away by rainwater during this time, unsightly dripping with a translucent and sticky appearance may appear.

This phenomenon, of a temporary nature, does not affect the qualitative characteristics of the product and can be easily eliminated by hydro-washing or by waiting for future rain

Known incompatibilities None.

For any use other than that indicated in this technical data sheet, contact our Technical Assistance Service.

Cleaning of tools

- With water immediately after use

Warnings

- Can be applied on any type of finish with a maximum grain size of 1.2 mm
- The application on VIERO VEL may result in "slipping"; let the glaze dry slightly and then quickly wipe off with the sponge
- Due to the organic nature of some of the pigments, not all colours in the colour collection can be applied outdoors. Check with your Dealer or Cromology Customer Service to ensure that the colour shade selected can actually be applied outdoors

OTHER INFORMATION

Classification (UNI 8681)

B4.C.0.A.2.FC
Aqueous dispersion, single-component, hard drying, matt, acrylsiloxane top coat paint.

VOC classification (Directive 2004/42/EC)

Paint for decorative effects.
EU VOC limit value for VIERO VEL (cat. A/I): 200 g/L (2010). VIERO VEL contains a maximum of 200 g/L of VOC.

Other technical information

Technical information	Method	Main data at 20°C and 60% of R.H.
Appearance and finish		Matt
Density	ISO 2811-1	approx. 1.00 g/ml
Brookfield viscosity	ASTM D 2196	approx. 37500 cps
Flash point	UNI 8909	Non-flammable
Storage life	UNI 10154	At least 24 months

ITEM SPECIFICATIONS

Application of VIERO VEL, protective, water-repellent, siloxanic resin-based glaze with a decorative effect, ideal for use on new wall surfaces that are protected with smooth or thick mineral or synthetic finishes and on surfaces that have been painted, possibly treated with

an anti-mould solution, pre-treated with a uniform consolidating fixative.

VIERO VEL is applied with a brush, glove, sponge or pad, with a variable indicative coverage of 10÷20 m²/L, depending on the intensity and type of desired effect.

Price on site € _____ per m² including materials, labour and excluding scaffolding, protections and any surface preparation.

All the technical indications contained herein are the result of our best experience, are indicative and do not constitute a guarantee of results. The data and methods shown on this technical data sheet can be modified at any time depending on any change in production technologies. The application of the products takes place outside our control and therefore falls under the sole responsibility of the customer. The correct use of the materials assumes compliance with the general requirements for use set out in the GENERAL CONSIDERATIONS page of the PRODUCT INFORMATION SHEETS collection and in particular with what is indicated in this sheet, especially with regard to the preparation and suitability of the supports. The technical service of Cromology Italia spa is available to users to provide additional information to that reported here.
THIS DATA SHEET REPEALS AND REPLACES ANY PREVIOUS EDITION.

**CROMOLOGY ITALIA SpA ORGANISATION WITH QUALITY, SAFETY AND ENVIRONMENTAL
MANAGEMENT SYSTEM ISO 9001, OHSAS 18001, ISO 14001 CERTIFIED BY BUREAU VERITAS SpA.**

FOR PROFESSIONAL USE