

<b>Name</b>	<b>VIEROSIL VEL</b>
<b>Description</b>	Siloxane based, water repellent glaze for exteriors.
<b>Main features</b>	<b>VIEROSIL VEL</b> is a water repellent, matt glaze for exteriors. It is based on acryl-siloxane resins in aqueous emulsion and inorganic pigments. It can be applied over all types of VIERO synthetic or natural based paints or coatings, with a maximum grain size of 1.2 mm. This product gives the surfaces a matt and cloudy appearance without changing the water vapour permeability of the coating giving at the same time good water-repelling properties. Different application tools allow to obtain different types of decorative effects. A proper use of this product doesn't vary the overall breathability of the cycle.
<b>Classification (UNI 8681)</b>	B4.C.0.A.2.FC Finishing coat paint, in water dispersion, single-component, physically drying, dead matt acryl-siloxane based.
<b>VOC Classification (Directive 2004/42/CE)</b>	Decorative effect coatings. EU limit value for VIEROSIL VEL 200 g/L (2010). VIEROSIL VEL contains maximum 200 g/L VOC.
<b>Application</b>	Apply over perfectly dry finishes.  The product can be applied by brush, trowel, sponge etc. Carefully mix the product. Dilute it slowly with water while mixing. Carefully homogenize after every addition of water. Dilute up to 500% of water, according to desired colour and the absorption of the substrate. This method of dilution is fundamental as it is required by the specific composition of the product itself and we recommend the maximum care.  Apply the product by brush or with the chosen tool and immediately after the application use a cloth or a natural sponge or another suitable rag to attain the desired decorative effect. Pay attention when applying the product on highly absorbing surfaces to avoid overlapping of fresh product over areas already dry as this would create unaesthetic colour patches. In this case apply the product, in the appropriate quantity, directly by sponge or cloth or other tool. Wash the working tools with water after use.
<b>Practical Advice</b>	<ul style="list-style-type: none"><li>• Do not apply on sunny surfaces or when the ambient temperature as well as the wall temperature is forecast to be below +5 °C for the first 24 hours after the application.</li><li>• The application over coatings with a grain size greater than 1.2 mm is possible but may causes pouring.</li><li>• Carefully verify the application over very absorbent coatings (lime and silicate based products) to avoid unaesthetical flaws.</li><li>• Protect the finished coating from sudden rainfalls for at least 48 hours after application.</li><li>• Store the product in original sealed drums at ambient temperature between +5 °C and +30°C.</li></ul>
<b>Safety precautions</b>	<ul style="list-style-type: none"><li>• For safety precautions please consult the relative Material Safety Data Sheet.</li><li>• The user information is contained in the relative data sheet.</li><li>• The empty buckets with traces of dry product must be disposed according to local regulations.</li><li>• No labeling required.</li></ul>



Specifications and other technical information	Method	Main data at 20°C and 60 % Relative Humidity
Coat finish and aspect		Matt
Density g/ml	MPL 059	0.980 ÷ 1.020
Viscosity		35000 ÷ 45000
Theoretical yield per coat Lt/m <sup>2</sup>	MPL 059	0,070
Flash point °C	MPL 046 (UNI 8909)	Not flammable
Solid Content % in weight (of the Neutral base)	MPL 027 (UNI 8906)	18 ÷ 22
Shelf life (in cool and dry place)	MPL 064 (UNI 10154)	At least 36 months
Dry tack free hrs	MPL 033	N.A.
Touch dry hrs	MPL 033	2 ÷ 3 hrs
Hard dry hrs	MPL 033	24 hrs
Dry to recoat hrs	MPL 037	After 12 hrs
Exteriors / Interiors		Yes / Yes
Colours		Neutral, Colours of relative catalogue
Binder		Acryl-sioxane
Tool cleaner		Water
Thinner		Water
Application by sea sponge, cloth, rag, glove - Volume %	MPL 063	Up to 500%

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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