



VIEROGRIP PLUS

Data sheet code
VIE434551T
Rev. 02 – 28.06.2018
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EQUALIZING AND FILLING MINERAL COATING CONTAINING POTASSIUM SILICATE IN AQUEOUS PHASE.

INTERIOR

EXTERIOR

PRODUCT CHARACTERISTICS

- Filling and equalising coating with potassium silicate, adhesion promoters, inorganic pigments, mineral aggregates, stabilising additives in aqueous phase.
- Great hardness.
- Particularly suitable as intermediate coat on patched or poorly finished plaster before applying smooth, silicate-based finishing products.
- High breathability; typical of potassium silicate-based products.
- High filling power.

SUITABLE SURFACES

- Lime, cement-lime mortar, cement, plasterboard, old paint and mineral or organic coatings as long as that they are absorbing, cohesive and well anchored.
- Irregular surfaces (i.e., old synthetic finishing), if well anchored.

AVAILABLE COLOURS

- White. It is possible to colour the product by adding a colouring agent (maximum 3% of the volume).

CLASSIFICATION (UNI 8681)

- B.2.CO.AC.2.QA
One-component, chemical-physical drying, inorganic silicate-based, base-coat paint.

VOC CLASSIFICATION (DIRECTIVE 2004/42/EC)

- Fixing primers. EU limit value of VOC for VIEROGRIP PLUS cat. (A/h): 30 g/L (2010). VIEROGRIP PLUS contains 30 g/L of VOC maximum. In accordance with Legislative Decree n° 161/06, VOC values mentioned on the package refer to dilution and diluents specified herein and to products painted respecting our prescriptions.

APPLICATION

DILUTION

- 30-40% of volume, with water.

PRODUCT PREPARATION

- Gently stir the product until a homogeneous paste is obtained.

TOOLS FOR APPLICATION

- Brush.
- Roller

TOOL CLEANING

- Water.

CONDITIONS OF APPLICATION

- It is recommended to apply the product when room temperature and surface temperature are between +5°C and +35°C.
- Room relative humidity: < 80%.
- Do not apply on surfaces exposed to direct radiation or strong wind.



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APPLICATION

SURFACE	Surface preparation	Application cycle	Finishing
New or cured walls. Walls with thin <i>craquelures</i>	Thoroughly clean, removing dust	Check that the wall has completely dried out. Apply one or more coats of VIEROGRIP PLUS according to the conditions of the surface.	After 24 hours, apply the finishing coat
New, slightly uneven walls	Plaster imperfections with products compatible with previous plaster and let dry according to the material used and to how thick the layer is.		
Irregular, highly absorbent, synthetic finished walls	Thoroughly clean, removing dust. If the surface is very powdery, it is possible to apply a coat of PRYMER SE.		

PRACTICAL TIPS

- Do not apply on surfaces affected by ascending dampness.
- During application, stir the product so as to avoid paint sedimentation.
- Protect the surface from rain, frost, humidity, dew and dust during the first 24 hours after it has completely dried out.
- Do not apply under the sun, or in hot, windy, foggy or rainy days or if night frost is expected.
- Let new plaster dry for 4-6 weeks, so that they are neutralised by natural carbonation. Also patches must dry completely.

SAFETY PRECAUTIONS

- Keep the packaging sealed and away from frost and sun.
- Safety information for users is included in the related safety sheet.
- Strongly alkaline product. Protect eyes when using it and, in case of contact, rinse with plenty of water and consult a physician.
- Silicates are reactive: before applying the product, it is recommended to protect glass, marble, metal window frames, tiles and whatever must not be painted.
- Empty containers, or with traces of dried product film, must be disposed of according to local regulations.

TENDER ITEMS

VIEROGRIP PLUS Viero, filling and equalising coating containing potassium silicate, adhesion promoters, inorganic pigments, mineral aggregates, stabilising additives in aqueous phase. The product can be applied in one or more coats, with a consumption of $0.3 \div 0.4 \text{ L/m}^2$ per coat. It can be used on float-finished cement, cement-lime or equivalent mortar plaster, on prefabricated cement elements, plasterboard and already painted surfaces, with proper preparation. Suggested retail price: €_____ per m^2 , including material and labour costs, excluding scaffolding and surface preparation works.



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TECHNICAL CHARACTERISTICS

TECHNICAL CHARACTERISTICS AND INFORMATION	MAIN DATA AT 20°C AND 60% RELATIVE HUMIDITY	METHOD
Appearance and finishing	Matt	
Density	1.55 ÷ 1.60 g/ml	
Flash point	Non flammable	UNI 8909
Theoretical consumption per coat	0.15 ÷ 0.2 L/m ²	
Shelf life (in cool and dry place)	12 months	UNI 10154
Water vapour diffusion resistance S _D (film thickness > 182 D.F.T)	0.02 m Class I (high according to EN 1062-1)	ISO 7783-2
Water vapour permeability W _{DD}	>150 g/m ² in 24h [Alta]	ISO 7783-2
pH	≥ 11.5	
Hard dry	24 h	
Overpaintability	24 h	

All the technical information herein contained is fruit of our best experience; it has indicative value and does not represent a guarantee of result. Data and methods reported herein are subject to variation at any time according to the latest development in 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 technical service of Materis Paints Italia spa is at the user's disposal to provide integrative information
THIS DATA SHEET CANCELS AND REPLACES ANY PREVIOUS VERSION.

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 CROMOLOGY Italia S.p.A. is at the user disposal for the supply of any integrative information required.
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**COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV GL**
= ISO 9001 =
= ISO 14001 =
= OHSAS 18001 =

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