

Name	VIXALIT
Description	Lime based paint.
Main features	<p>VIXALIT is a lime based paint suitable for internal and external surfaces such as concrete, lime based plaster or mortar. Particularly indicated to achieve decorative surfaces with ancient effects. It is highly used in old town to redecorate cultural heritage buildings respecting old traditions. VIXALIT is a highly stable product with great workability features. The main characteristics of the product are:</p> <ul style="list-style-type: none"> - No film-forming on the surface; - High water vapour permeability; - Not inflammable; - Easy and economical surfaces' maintenance through an over-painting with lime based products.
Classification (UNI 8682)	<p>B4.C.O.C.2.SA Water soluble, single component, matt, Chemical reactive drying, lime based finishing paint.</p>
VOC Classification (Directive 2004/42/CE)	<p>Interior matt walls and ceilings. EU limit value for VIXALIT (cat. A/c): 30 g/L (2010). VIXALIT contains maximum 30 g/L VOC.</p>
Surface treatment of the substrate	<p>New mineral surfaces: On perfectly dry and clean supports wet the surface with water.</p> <p>Old and degraded mineral surfaces:</p> <ol style="list-style-type: none"> a) Clean the surface well, removing all traces of previous paint and/or plaster, dirt, etc., by brushing, sanding or using a vapour cleaner according to what required. b) Restore the surface with our RESTAURA 05, a rendering based on hydraulic lime. c) Before the application of VIXALIT wet the surface with water.
Method of application	<p>Classical Application: Apply two coats of VIXALIT thinned with 30 - 40% of water by a soft bristles brush waiting at least 12 hours between coats.</p> <p><u>Technique to obtain the antique effect:</u></p> <p>Mineral supports must be perfectly clean and without any trace of old paintings. All repair work must be carried out with lime or lime-cement based plasters only. It is advisable to render all mineral surfaces with present an irregular or smooth structure with our RESTAURA 05 in order to obtain a substrate suitable for mineral application cycles.</p>
Practical Advices	<p>Keep the buckets tightly closed and protected from frost. Ensure that the substrate is sufficiently humid at the time of application. Don't apply on surfaces with rising damp. Do not apply under direct sunshine, with high winds and hot temperatures. VIXALIT is a natural product and may therefore contain clots of not hydrated or not enough cooked lime. Because of the natural composition of the product the final colour could vary according to climate conditions and the grade of absorption of the substrate. New plasters and repair works must be properly seasoned. Clean tools with water immediately after use. Slight hues and shadows in the colour (lighter and darker shades) are aesthetic characteristics of the product itself. Over very old plasters apply the product highly thinned up till five coats. When colouring with our tinting system, to allow a homogeneous mixing of the colouring paste, give a first blending turn with a spatula and then place the drum in the mixer for at least 10 minutes.</p> <p>Environmental and surface conditions: Ambient Temperature: min 5°C / max 35°C; Ambient Relative Humidity: <75%; Surface Temperature: min.5°C / max. 35°C;</p>
Safety Precautions	<ul style="list-style-type: none"> • Store the product in its original sealed drum protected from frost. • The product is strongly alkaline. Protect eyes during application. In case of contact wash with plenty of water and consult the doctor. • Labelling required • 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)	1.500 ÷ 1.600
Viscosity Brookfield cPs	MPL021 (ASTM D 2196)	8000 ÷ 10000
Theoretical yield per coat kg\ m ²	MPL 052 (ISO 7254)	0.3 ÷ 0.4
Recommended dry film thickness per coat microns	MPL 056 (ASTM D 1186)	35 ÷ 55
Flash point °C	MPL 046 (UNI 8909)	Not flammable
Solid Content % in weight	MPL 027 (UNI 8906)	57 ÷ 61
Water Vapour diffusion – Air layer Thickness S _d (Dry film thickness 200micron)	MPL 099 (UNI 9399)	0.03 m
Water vapour flow rate WDD (Dry film thickness 200micron)	MPL 099 (UNI 9396)	763.1 g/mq in 24 h High
μ Value	MPL 099 (UNI 9396)	115.4
Shelf life (in cool and dry place)	MPL 064 (UNI 10154)	At least 12 months
Touch dry hrs	MPL 033	3 ÷ 4
Dry to recoat hrs	MPL 037	12 ÷ 24
Hard dry hrs	MPL 033	The full carbonation occurs in 2-3 weeks (60-70 % of lime). The complete process requires 8-12 months.
Exteriors / Interiors		Yes / Yes
Colours		White, Colours of relative catalogue
Binder		Lime
Tool cleaner		Water
Thinner		Water
Trowel application Volume %	MPL 063	Max 40%

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.

MATERIS PAINTS Italia Spa

Head Office:
Via Nino Bixio, 47/49
20026 Novate Milanese (MI) ITALY
Production:
Via Provinciale, 309 – 21030 Cassano Valcuvia (VA) Italy



www.viero-coatings.it - viero@materispaints.it

Export Division:
Via Provinciale, 309 – 21030 Cassano Valcuvia (VA) Italy
Tel. (+39) 0332.999311 - Fax (+39) 0332.999399