

Rival is a trademark of  
Via del Camerario 7  
47891 Falciano, San Marino  
C.o.e. SM00026  
Fully paid-up share capital  
€ 3,000,000.00  
Legal title  
no. 26 dated 20 May 1944  
Colorificio Sammarinese S.p.A.  
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## 46299111 C010 CALCIDEX BIANCO BASE

### lime-based paint for interiors and exteriors



Mineral paint formulated with matured limewash, perfect for painting wall surfaces where maximum breathability is required. For interior and exterior. The typical attractive result of lime-based paints is perfect for treating buildings and historic centres. It is naturally sanitising. It is specially formulated to guarantee a healthy living environment so it is classified A+ according to the rigorous French standard 321/2011. It satisfies the requirements of (Italian) Ministerial Decree of 11 October 2017 "Minimum environmental criteria for the assignment of design services and works for the new construction, renovation and maintenance of public buildings", paragraph 2.3.5.5.



<b>Date of revision</b>	08/07/2021
<b>Composition</b>	A single-component, matt, lime-based paint for the finishing coat in aqueous dispersion with chemical reactive hardening. Classification as per UNI 8681: B4. C.O.C.2.SA.
<b>Main properties</b>	<ul style="list-style-type: none"><li>• excellent permeability to water vapour</li><li>• excellent opacity</li><li>• sanitising</li></ul>
<b>Applications</b>	A mineral waterborne paint formulated with lime putty, perfect for painting wall surfaces where maximum breathability is required.
<b>Colour</b>	Bianco Base.

Technical characteristics (data measured at 20°C, with 65% R.H.)	Reference	UoM	Value
Specific weight (pycnometer)	C022	kg/l	1.400 ± 0.050
pH	C030		>11.0
Brookfield viscosity @ 10 rpm	C103	cPs	22000 ± 3000
Water vapour permeability	UNI EN ISO 7783		Class V1 high permeability
Gloss	EN ISO 13300	GU	4.7 @ 85°
Grain structure	EN ISO 13300	µm	<100 fine
Tack-free drying	C201	hours	5-6
Dry-hard drying	C202	weeks	>4
Coat-over time	MAN_023	hours	12-24

#### Method of use

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. Surface and application conditions	Ambient temperature min. +5°C / max. +35°C R.H. < 80%. Surface temperature min. +5°C / max. +35°C; R.H. < 10%. Do not apply to structures affected by rising damp. Avoid applying the product under direct sunlight and on very windy or very hot days. Any light shade variations (lighter patches and darker patches) are typical of the product. Since the product is formulated with natural raw materials, its final shade will vary in relation to the weather conditions and the absorption capacity of the underlying plaster. New plasters must be seasoned in a uniform way and new touch-ups must be left to cure. Moreover, given that it is a natural product, the mass may contain poorly fired or non-hydrated fragments.
. Application method	Roller, brush.
. Thinner	Water.
. Dilution	15-25% by volume.
. Mixing	Mix the product with care, adding water gradually until you reach the correct viscosity.
. Theoretical coverage	6-7 m <sup>2</sup> /l per coat, depending on the absorbency of the surface.

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<b>Application cycle</b>	<b>ON NEW SURFACES</b> The wall must be adequately seasoned and dry, without impurities of any kind, including loose sand or grit. When the wall is dry, apply at least two coats of C010 CALCIDEX BIANCO BASE waiting approximately 12 hours in between the coats. <b>ON NEW SURFACES OR THOSE PREVIOUSLY PAINTED WITH WATERBORNE PAINTS BUT AFFECTED BY MOULD</b> Treat the surface with 23410230 BIOSISTEM TITANSAN and allow it to absorb for at least 24 hours then wash with a power wash. Proceed according to the indications for new supports. Old tempera or lime-based paint must be removed completely. N.B.: when used on painted surfaces, check for compatibility and adherence with the proposed system. Consult the "LIME" cycle technical data sheet.
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<b>Notes</b>	Any hardened drops can be easily removed with Diluente Nitro 92100012 thinner.
<b>Storage</b>	Do not allow to freeze; store between +5°C and +20°C. Once opened, the undiluted product can be kept for 3 months in the closed container stored in the dark.
<b>Warnings</b>	The product is highly alkaline. Protect the eyes during use and, in case of contact, wash them thoroughly with water and consult a physician. Wash brushes and tools immediately after use with water; do not dump the wash water in the ground or into groundwater. Keep out of reach of children. For further information, consult the safety data sheet.

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<b>VOC Classification - Directive 2004/42/EC - Italian Legislative Decree no. 161/2006</b>	C/A -, maximum 40 g/l (2010). Maximum VOC content of C010 CALCIDEX BIANCO BASE ready for use: 30 g/l.
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**Specification items**

Apply 2 coats of C010 CALCIDEX BIANCO BASE lime-based paint for interiors and exteriors, in the colour desired by the work supervisor, after suitably preparing the surfaces to be treated. Includes materials and application, excludes skimming and/or scaffolding.

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This information is the result of our practical experience but is purely indicative. For more detailed information, please contact our technical support service. This sheet annuls and replaces any previous editions.

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