

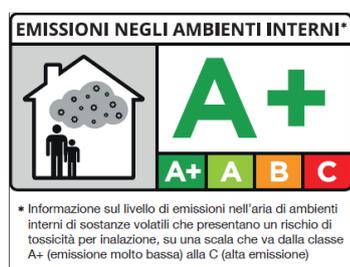
## TECHNICAL DATA SHEET

# PITTURA ALLA CALCE VERONA

### Description

Mineral paint formulated with mature lime putty, with smooth, mat effect. Its high level of alkalinity and its excellent vapour permeability give the paint a bacteriostatic action thus preventing the development of mould and bacteria. The product confers to the wall a warm appearance with tones of colour typical of the ancient decorations made with lime products. Formaldehyde-free.

Product certified in class "A+" under emissions classifications (Decree of the Official French Gazette dated 19th April 2011).



### Ideal Use

Exterior and interior walls of historical or prestigious buildings.

### Surface Preparation

The surface must be dry and mature, new plasters should be left to mature for at least 30 days to allow complete carbonation of the support. Carefully brush or strip the surfaces and remove loose and flaking material. In case of restoration work, water infiltrations and leakages must be repaired. For the best results, it is recommended to apply the product directly on lime plasters or on existing coatings of lime paint once they have been carefully washed and brushed clean. Only if really necessary, CONSOLIDANTE CALCE correctly diluted, can be used to consolidate very absorbent or powdering surfaces. On interior surfaces it is possible to apply the product on to already painted surfaces only after having carefully evaluated the adhesion of the product. Paints with low absorption levels should be sanded down to increase porosity and facilitate the adhesion of the product however if this is not sufficient, screed the surface with RASATURA ALLA CALCE.

### Application Method

Apply by brush: first coat diluted 20÷25% with drinkable water; second coat, after approximately 4 hours, diluted 25÷30% with drinkable water;

**Protect the surface from rain during at least the first 24–48 hours after application.**

## Finishes

To obtain a wash finish, the application of VELATURA ALLA CALCE by OIKOS is recommended.

### Technical Characteristics: Application

Dilution:	20 ÷ 30% with drinkable water
Yield:	5 ÷ 8 m <sup>2</sup> /l in two coats according to the absorption of the support
Application tools:	Brush
Primers:	CONSOLIDANTE CALCE by OIKOS
Application temperature:	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time until touch dry:	1,30 h (temperature = 20°C with relative humidity at 75%)
Total drying time:	24 h (temperature = 20°C with relative humidity at 75%)
Tools cleaning:	Water
Warning:	<b>Protect the surface from rain during at least the first 24–48 hours after application.</b>

### Technical Characteristics: Product

Composition:	Lime putty, fillers, titanium dioxide, inorganic pigments based on iron oxide and coloured earth.
Specific weight:	1,5 kg/l +/- 3%
pH:	12,5 ÷ 13,5
Storage temperature:	+2°C ÷ +36°C. Keep from freezing
Reaction to fire:	Negative if applied on a non inflammable base; water based material with dry thickness of less than 0,600 mm
Permeability to water vapour Sd:	0,043 m (max limit allowed 2 m, DIN 52 615)
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:	Classification A/a; VOC: 26 g/l (max); Phase II Limit (from 1.1.2010): 30 g/l
Emissions Classification:	A+ (Decree of the Official French Gazette dated 19th April 2011).
Colours:	White and shades from the colour chart
Packaging:	Kg 1 – 4 – 14
Warning:	Lime is a natural material with specific characteristics, the aesthetic effect and the duration of the product in exteriors is heavily influenced by environmental conditions and by the characteristics of the support.

### Safety information

The product is free of heavy metals such as lead or chrome. It does not contain toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is classified as

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hazardous pursuant to the provisions set forth in the Regulations (CE) 1272/2008 (CLP) and subsequent amendments and supplements. For further information see the product Safety Data Sheet. No special arrangements are required for the storage, movement and transportation of the product; the containers, residue, eventual spilt material should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of in accordance with the regional and national regulations in force at that time. Transportation must be carried out in accordance with international agreements

**Specifications**

The surface must be dry and mature, new plasters should be left to mature for at least 30 days to allow complete carbonation of the support. Carefully brush or strip the surfaces and remove loose and flaking material. In case of restoration work, water infiltrations and leakages must be repaired. For the best results, it is recommended to apply the product directly on lime plasters or on existing coatings of lime paint once they have been carefully washed and brushed clean. Only if really necessary, CONSOLIDANTE CALCE by OIKOS correctly diluted, can be used to consolidate very absorbent or powdering surfaces.

On interior surfaces it is possible to apply the product on to already painted surfaces only after having carefully evaluated the adhesion of the product. Paints with low absorption levels should be sanded down to increase porosity and facilitate the adhesion of the product however if this is not sufficient, screed the surface with RASATURA ALLA CALCE by OIKOS.

Apply a mineral paint formulated with mature lime putty with smooth, mat effect in Class A+ under Emissions Classification such as PITTURA ALLA CALCE VERONA.

All must be carried out in accordance with the norms of application, at a cost of ..... m2. inclusive of materials and labour. Scaffolding not included.

**Note**

The company Oikos Spa guarantees, to the best of its own technical and scientific knowledge, that the information contained in this technical data sheet is correct.

Notwithstanding that indicated above, Oikos takes no responsibility for the results obtained through the use of this product in as much as it is not possible for Oikos to check or control the application method used. For this reason, we recommend that you check carefully that each product chosen, is suitable for each individual use to which it is put.