



DECORATIVE PLASTER MATT SMOOTH TEXTURED EFFECT

TECHNICAL DATA SHEET n. EXT/pv/07

www.oikos-group.it/pitturacalceadige

Technical qualities

PITTURA CALCE VERONA by OIKOS is a mineral, water based paint for interior and exterior, formulated with mature lime putty, that gives a smooth and matt finish. It is ideal for the restoration of prestigious buildings of historical importance where the ancient style and materials of the Italian tradition have to be maintained or proposed. The product creates a stable link with the surface, maintaining the level of vapour permeability of the support facilitating the evaporation of internal humidity. Its level of alkalinity prevents the development of mould and bacteria. PITTURA CALCE VERONA by OIKOS confers to the wall a warm appearance with tones of colour typical of the ancient decorations made with lime products. PITTURA CALCE VERONA by OIKOS has a low odour level, is non inflammable and is friendly to both humans and the environment.

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.

The product

Composition	Lime putty, selected marble granules, fillers, titanium dioxide, inorganic pigments based on iron oxide and coloured earth
Specific weight	1,5 kg/l \pm 3% (White)
pH	12,5 \div 13,5
Storage temperature	+2°C \div +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 0,600mm
Permeability to water vapour Sd	0,043m (max limit allowed 2m, DIN 52 615)
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42 CE	<ul style="list-style-type: none">• Classification A/a• VOC: 26g/l (max)• Phase I Limit (from 1.1.2007): 75g/l• Phase II Limit (from 1.1.2010): 30g/l
Colours:	White and shades from the colour chart
Packaging	Liters 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

The application

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

Application Method

Apply by brush: first coat diluted 20 \div 25% with drinkable water; second coat, after approximately 4 hours, diluted 25 \div 30% with drinkable water; Protect the surface from rain during the first 24-48 hours after application.

Finishes

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



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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 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. Normal cautionary measures for the handling of water based paints are advised. 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

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