

TECHNICAL DATA SHEET

Façade Division

Lime Paint Verona

Technical characteristicssez. 1

LIME PAINT 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. LIME PAINT VERONA by OIKOS confers to the wall a warm appearance with tones of colour typical of the ancient decorations made with lime products. LIME PAINT VERONA by OIKOS has a low odour level, is non inflammable and is friendly to both humans and the environment.

Ideal usesez. 2

Interior and exterior surfaces of prestigious / historically important buildings.

Surface preparationsez. 3

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. Clean the surface and remove loose and flaking material. In case of restoration works, water infiltrations and leakages must be repaired. For the best results, it is recommended to apply the product on to a new, good quality plaster. On powdering surfaces it is advisable to first apply SEALER FOR LIME CYCLES by OIKOS. On new walls or on already painted walls it is advisable to first apply PRIMER FOR LIME CYCLES by OIKOS.

Application methodsez. 4

The product should be applied by brush: the first coat diluted 20 - 25%;. after 4 hours apply the second coat diluted 25 - 30% with drinkable water.

Protect the surface from the rain during the first 24-48 hours from the application.

Finish.....sez.5

A wash effect can be obtained with LIME WASH FINISH by OIKOS.

Technical characteristics: the application..... sez. 6

Dilution	20 ÷ 30% with drinkable water
Yield	5 ÷ 8 m ² /l in two coats, according to surface absorbency
Application tools	Brush
Primers	SEALER FOR LIME CYCLES by OIKOS. PRIMER FOR LIME CYCLES by OIKOS.
Application temperature	+5°C ÷ +36°C (when relative humidity not over 80%)
Drying time: tack free	1.30 h (at 20°C and relative humidity 75%)
Drying time: fully cured	24 h (at 20°C and relative humidity 75%)
Tools cleaning	Water
Important	Protect the surface from the rain during the first 24-48 hours from the application.

Technical characteristics: the productsez. 7

Composition	Lime putty, fillers, titanium dioxide, inorganic pigments based on iron oxides and coloured earth.
Specific weight	1.5 kg/l +/- 3% (white)
Texture	max = 0.3 mm
pH	pH: 12.5-13.5
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Fire reaction	Negative when applied onto non inflammable surfaces. It is a waterbased product with dry thickness less than 0.60 mm
Water vapour permeability (Sd)	0.043 m (max 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); Limit Phase I (from 01/01/2007): 75g/l, Limit Phase II (from 01/01/ 2010): 30g/l
Available colours	Colours: White + colour chart DCS Decor Color System by OIKOS

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Packaging	11 - 4 - 14
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Toxicological datasec. 8

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. . Read carefully the safety data sheet: the product is labelled Xi, R41 irritant. 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..... sec. 9

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 surface to remove all loose or flaking material. In case of restoration works, water infiltrations and leakages must be repaired. For the best results, it is recommended to apply the product on to a new, good quality plaster. On powdering surfaces it is advisable to first apply SEALER FOR LIME CYCLES by OIKOS. On new walls or on already painted walls it is advisable to first apply PRIMER FOR LIME CYCLES by OIKOS. Apply LIME PAINT VERONA by OIKOS by brush: the first coat diluted 20 - 25%; after 4 hours, apply the second coat diluted 25 - 30% with drinkable water. All must be carried out in accordance with the norms of application, at a cost of m². inclusive of materials and labour, except scaffolding.

Note

The company Oikos S.r.l 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