

TECHNICAL DATA SHEET

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Raffaello

Technical characteristics

sec. 1

RAFFAELLO DÉCOR STUCCO by OIKOS is a vapour permeable wall coating made from natural minerals (lime putty) and is ideal for recreating an ancient style of decoration, the so called "marble effect". The use of RAFFAELLO DÉCOR STUCCO by OIKOS guarantees maximum vapour permeability and aids the natural diffusion of humidity through the wall, therefore avoiding the formation, over time, of mould and bacteria. It is non-flammable, non-toxic, non-polluting and is totally environment friendly.

Ideal Use

sec. 2

Decoration of interior walls and surfaces

Surface preparation

sec. 3

Clean the surface to be decorated, removing any loose material and apply the recommended fixative, IL PRIMER by OIKOS, in order to ensure perfect adhesion of the product to the surface..

Application method

sec. 4

To achieve the perfect finish, apply the product in three coats using a steel trowel by OIKOS.
 First coat: Apply the first coat of RAFFAELLO DÉCOR STUCCO in such a way as to perfectly smooth over the surface.. Wait for 6 ÷ 8 hours until dry.
 Second coat: Apply a very fine layer of product so as to render the surface perfectly smooth but matt. Wait 6 ÷ 8 hours until dry.
 Final coat: apply a thin layer of product smoothing it at the same time onto the surface with the blade of the trowel.
 Depending on the tool utilised and the intensity of the application, it is possible to achieve a matt, satin or gloss finish.

Finish

sec. 5

In order to obtain a higher level of water resistance and washability, apply after 4 ÷ 5 days CERA PER RAFFAELLO by OIKOS

Technical characteristics: the application

sec. 6

Dilution/Mixing	Ready to use
Yield	1,1 ÷ 1,7 m ² /kg.
Application tools	Stainless steel trowel by OIKOS
Primer	IL PRIMER by OIKOS
Protective coat	CERA PER RAFFAELLO by OIKOS
Application temperature	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time: touch dry	1 hour (temperature = 20°C with relative humidity at 75%)
Drying time: fully cured	20 ÷ 25 days (temperature = 20°C with relative humidity at 75%)
Tools cleaning	Water

Technical characteristics: the product

sec. 7

Composition	Lime putty, natural additives, coloured soil and iron oxide based inorganic pigments.
Specific weight	1,5 kg/l +/- 3%
PH	pH: 12 ÷ 13
Viscosity	60.000 ÷ 80.000 CPS Brookfield (RVT 20 revs/min. a 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Fire reaction	Negative if applied on to a non flammable surface, water based material with a dry thickness of less than 0,600 mm
Vapour permeability Sd	0,05 m (max allowed limit 2 m, DIN 52 615)
Available colours	Shades of the color chart
Packaging	Kg 1 – 5 –20
Warning	- Avoid prolonged contact with the skin: if necessary, wash thoroughly with soap and water. If the irritation persists, consult a doctor. - Avoid contact with the eyes, in case of accidental contact, wash thoroughly with a sugar-water solution. If the irritation persists, consult a doctor.

Toxicological data

sec. 8

The product is free of any harmful substances, pigments or other components containing heavy metals such as lead or chrome. Further to this, the product contains no toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is non combustible and is held to be a non-toxic substance if used in the technically correct manner. Read carefully the safety data sheet: the product is labeled Xi irritant, R41. No special arrangements are required for the storage, movement and transportation of the product, any spillage should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of as any normal waste product. The transportation must be carried out in conformity with international agreements.

Specifications

sec. 9

Thoroughly clean the surface, removing any loose material. Apply a fixative such as IL PRIMER by OIKOS and wait for it to dry. Following this apply a finish of vapour permeable stucco such as RAFFAELLO DÉCOR STUCCO by OIKOS that recreates ancient decorative styles with a marble affect. For the working of the product a steel trowel must be used with the final effect imitating marble. All must be carried out in accordance with the norms of application, at a cost of m². inclusive of materials and labour.