

TECHNICAL DATA SHEET

----- Décor Division -----

Raffaello

sez. 1.0 Technical characteristic

RAFFAELLO DÉCOR STUCCO by OIKOS is a vapour permeable wall coating based on 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. The product has a low odour level, is non flammable and is friendly to both humans and the environment.

sez. 2.0 Ideal Use

Decoration of interior walls and surfaces

sez. 3.0 Surface preparation

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.

sez. 4.0 Application method

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.

sez. 5.0 Finish

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

sez. 6.0 Technical Characteristic: application

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

sez. 7.0 Technical Characteristic: the product

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 inflammable 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)
Emission limits of Volatile Organic	Classification: A/I; VOC: 8 g/l (max); Limit Phase I (from

Compounds (VOC) according to directive 2004/42/CE	01/01/2007): 300g/lt, Limit Phase II (from 01/01/ 2010): 200g/lt
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.

sez. 8.0 Toxicological data

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

sez. 9.0 Specifications

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.

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*