

TECHNICAL DATA SHEET

----- Décor Division -----
Raffaello madreperlato

sez. 1.0 Technical characteristic

RAFFAELLO MADREPERLATO by OIKOS is a special Mother of Pearl finish for RAFFAELLO DÉCOR STUCCO. Based on lime putty, the product guarantees the substrate maximum vapour permeability and aids the natural diffusion of humidity through the wall, thus avoiding, over time, the formation of mould and bacteria. It has a low odour level, is non inflammable and is friendly to both humans and the environment.

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 and second coat: Proceed to smooth over the entire surface with RAFFAELLO DÉCOR STUCCO, coloured as indicated on the colour chart in order to obtain a perfectly smooth, matt surface. Wait 6 ÷ 8 hours between each coat in order for them to dry.
 -Final coat: Proceed to apply the colour of RAFFAELLO MADREPERLATO by OIKOS indicated on the colour chart, in patches well spaced between each other, thus obtaining an irregular pattern. After several minutes apply a very thin veil of product over the whole area at the same time smoothing and polishing the surface, obtaining a pearly, gloss effect depending on how much the surface is polished.

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	10 m ² /kg.
Application tools	Inox steel trowel by OIKOS
Primer	IL PRIMER by OIKOS
Base coat	RAFFAELLO DECOR STUCCO by OIKOS
Protective coating	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, pearlescent material, coloured earth and iron oxide based inorganic pigments.
Specific weight	1,2 kg/l +/- 3%
PH	pH: 12 ÷ 13
Viscosity	30.000 ÷ 60.000 CPS Brookfield (RVT 20 revs/min. at 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Fire reaction	Negative when the product is applied on a non inflammable surface; water based material with dry thickness of less than 0,600 mm
Vapour permeability Sd	0,06 m (max allowed limit 2 m, DIN 52 615)
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/I; VOC: 58 g/l (max); Limit Phase I (from 01/01/2007): 300g/l, Limit Phase II (from 01/01/ 2010): 200g/l

Available colours	Shades of the colour 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. Apply two coats of a product such as RAFFAELLO DECOR STUCCO OIKOS and a third coat of a finish such as RAFFAELLO MADREPERLATO by OIKOS. 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*