

TECHNICAL DATA DSHEET

TDL

Raffaello madreperlato

Technical Characteristics

sec. 1

RAFFAELLO MADREPERLATO by OIKOS is a special Mother of Pearl finish for RAFFAELLO DÉCOR STUCCO based on natural minerals (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 is odourless, non-toxic, non-flammable and totally environment friendly.

Ideal Use

sec. 2

Decoration of walls and interior surfaces, PVC, metal, wood and laminated 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 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.

Finish/Protective

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	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

Technical characteristics: the product

sec. 7

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 flammable 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)
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.

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. 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..