

TECHNICAL DATA SHEET

LCS

Marmonino Naturale

Technical characteristicsez. 1

NATURAL MARMORINO by OIKOS is a decorative, transpirant coloured lime putty coating for interior and exterior. The product allows to achieve easily and quickly to beautiful decorative effects known as “marmorino”. The thickness of NATURAL MARMORINO by OIKOS allow to decorate and to hide small imperfections of the wall at once, thus saving on expensive screedings.

The product creates a stable link with the surface, preserving the transpiration of the whole wall structure. Its alkalinity avoids the development of moulds and bacterial colonies.

NATURAL MARMORINO can be either matt or gloss, in this second case when coated and polished with PURE LIME FINISH by OIKOS.

NATURAL MARMORINO by OIKOS is odourless, not toxic, not flammable, harmless to the environment and the human life.

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 have been left maturing at least 30 days to allow a complete carbonation.

Clean the surfaces and remove detaching and flaking parts. In case of refurbishment, water leaks and humid areas shall not be present. On flaking surfaces it is advisable to apply first SEALER FOR LIME CYCLES by OIKOS.

On new walls or on well-painted walls it is advisable to apply first PRIMER FOR LIME CYCLES by OIKOS.

Application methodsez. 4

Apply two coats of the product by stainless steel trowel by Oikos, waiting 7-8 hours between coats. Screed evenly the whole surface.

Finishsez. 5

The gloss “marmorino” effect is obtained by applying PURE LIME FINISH for MARMORINO by OIKOS. The product is applied in a thin layer immediately polished by stainless steel trowel.

When applied in exterior, over PURE LIME FINISH for MARMORINO by OIKOS it is advisable to apply PROTECTIVE WAX by OIKOS. The wax will make the surface water repellent and more resistant to exterior conditions. The application shall be conducted 7 days after application of the finish.

Technical characteristics: the applicationsez. 6

Dilution	ready to use
Yield	2 Kg/m ² in two coats, according to surface absorbency
Application tools	stainless steel trowel by OIKOS
Primers	SEALER FOR LIME CYCLES by OIKOS. PRIMER FOR LIME CYCLES by OIKOS.
Protection	PROTECTIVE WAX by OIKOS
Application temperature	+5°C ÷ +36°C (when relative humidity not over 80%)
Drying time: tack free	2.30 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 at least during the first 24-48 hours from the application.

Technical characteristics: the productsez. 7

Composition	Lime putty, selected marble granules, fillers, titanium dioxide, inorganic pigments based on iron oxydes and coloured earth.
Specific weight	1.5 kg/l +/- 3%
Texture	max = 0.8 mm
pH	pH: 12.5-13.5
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Water vapour permeability (Sd)	0.24 m (max allowed 2 m, DIN 52 615) for the cycle NATURAL MARMORINO, PURE LIME FINISH for MARMORINO:
Available colours	Colours: White + colour chart DCS Decor Color System by OIKOS
Packaging	Kg 1 – 5 – 25

Toxicological datasec. 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. and then disposed of as any normal waste product according to

national and regional current regulations. The transportation must be carried out in conformity with international agreements

Specifications

sec. 9

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All must be carried out in accordance with the norms of application, at a cost of m². inclusive of materials and labour, except stoppolding.