

TECHNICAL DATA SHEET

----- FAÇADE DIVISION -----

Lime Screed

sez. 1.0 Technical characteristic

LIME SCREED by OIKOS is a screed formulated with lime putty. It is non shrinking, filling, smoothing and easily to apply. Adhesion is very good on exterior surfaces. The product creates a stable link with the surface, maintaining the high level of vapour permeability of the surface. LIME SCREED IS available in three texture grades: LARGE, MEDIUM and FINE. The products high level of alkalinity means that it is able to prevent the development of mould and bacteria. It has a low odour level, is non inflammable and is friendly to both humans and the environment.

sez. 2.0 Ideal Use

Exterior surfaces of prestigious / historically important buildings.

sez. 3.0 Surface preparation

The surface must be dry and mature, new plasters should be left to mature at least 30 days to allow complete carbonation of the support. Clean the surfaces and remove loose and flaking materials. In case of restoration works, water infiltrations and leakages must be repaired. On powdering surfaces it is advisable to first apply SEALER FOR LIME CYCLES by OIKOS. On new walls or on already painted walls it is advisable to first apply PRIMER FOR LIME CYCLES by OIKOS.

sez. 4.0 Application method

Using a stainless steel trowel apply one or two coats of LIME SCREED by OIKOS according to the desired thickness. Wait 24 hours before applying finish products.

Protect the surface from the rain during the first 24-48 hours from the application

sez. 5.0 Finish

The ideal finish products to be used are LIME PAINT ADIGE, VERONA, NATURAL MARMORINO and TRADITIONAL PLASTER

sez. 6.0 Technical Characteristic: application

Dilution	Ready to use
Yield	FINE 1.1Kg/m ² in one coat, average thickness 0.3mm MEDIUM 1.5 Kg/m ² in one coat, average thickness 0.6mm LARGE 1.8Kg/m ² in one coat, average thickness 0.8mm
Application tools	Stainless steel trowel by OIKOS
Primers	SEALER FOR LIME CYCLES by OIKOS. PRIMER FOR LIME CYCLES by OIKOS.
Application temperature	+5°C ÷ +36°C (when relative humidity not over 80%)
Drying time: tack free	1.3-2 h (at 20°C and relative humidity 75%)
Drying time: fully cured	24 h (at 20°C and relative humidity 75%)
Time for painting over	24 h (at 20°C and relative humidity 75%)
Tools cleaning	Water
warning	Protect the surface from the rain during the first 24-48 hours from the application

sez. 7.0 Technical Characteristic: the product

Composition	Lime putty, fillers, marble granules of various diameter, titanium dioxide and inorganic pigments.
Specific weight	1.7 kg/l +/-3%
Texture	LARGE=max 0.8 mm, MEDIUM=max 0.6 mm, FINE=max 0.3 mm
pH	pH: 12.5-13.5
Storage temperature	+2°C ÷ +36°C. Keep from freezing

Water vapour permeability (Sd)	MEDIUM: 0.23 m (max allowed 2 m DIN 52 615)
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/c; VOC: 30 g/l (max); Limit Phase I (from 01/01/2007): 75g/l, Limit Phase II (from 01/01/ 2010): 30g/l
Available colours	Colours: white
Packaging	Kg 25

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

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Protect the surface from the rain during the first 24-48 hours from the application.

All must be carried out in accordance with the norms of application, at a cost of m². inclusive of materials and labour. Scaffolding not included.

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