

TECHNICAL DATA SHEET

----- DECOR -----

Aureum

Technical characteristics

sez. 1

AUREUM by OIKOS is a decorative finish with a golden tone created using lime putty and golden powders with a low environmental impact. The shades of AUREUM derive from the colours of the earth and the warm tones of nature; combining elements from specific historical research with a deep understanding of contemporary technology, has made it possible to give rise to a product with regal, golden properties that adapt themselves to both modern and traditional settings. The product makes it possible to achieve precious and elegant finishes in various golden tones, creating, according to the sources of light and the angle at which the surface is looked at, lavish patterns on a golden texture; furthermore, the vivaciousness of the golden reflections, lights up the wall, giving it the setting an unmistakable elegance with silky sensation to the touch. AUREUM is regal alchemy, gold on the walls. The product is non inflammable and friendly to both humans and the environment.

Ideal Use

sez. 2

Decoration of interior walls and furnishings.

Surface preparation

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Clean the surface to be decorated, removing any loose or flaking material. Apply a coat of the fixative IL PRIMER by OIKOS in order to insure perfect adhesion. Screed the surface with PASTE SCREED FOR WALLS by OIKOS.

Application method

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For an impeccable finish, apply AUREUM in two coats using the special Inox steel trowel by OIKOS (art.113):
 - *First coat:* proceed to spread a thin coat of AUREUM directly on the PASTE SCREED FOR WALLS, making large trowel marks to completely cover the surface. Wait 6 ÷ 8 hours until dry.
 - *Finish:* apply a very thin coat of product, partially overlapping the trowel marks and gently smoothing the surface with the blade of the trowel; after approximately one hour, pass over the surface for a final time to fully smooth the finish.

Finish /protection

sez. 5

In order to make the surface more water proof and obtain a greater level of washability, after 4 ÷ 5 days, apply CERA PER RAFFAELLO by OIKOS

Technical characteristics: application

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Dilution	Ready to use
Yield	3 ÷ 4 m ² /kg
Application tools	Inox steel trowel by OIKOS
Fixative	IL PRIMER by OIKOS
Base coat	PASTE SCREED FOR WALLS by OIKOS
Protection	CERA PER RAFFAELLO by OIKOS
Application temperature	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Tack free time	1 h (temperature = 20°C with relative humidity at 75%)
Total drying time	20 ÷ 25 days (temperature = 20°C with relative humidity at 75%)
Tools cleaning	Water

Technical characteristics: the product

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Composition	Lime putty, golden pigments, natural additives, inorganic pigments based on iron oxide.
Specific weight	1,2 kg/l +/- 3%
pH	12 ÷ 13
Viscosity	Tixotropic paste
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Reaction to fire	Negative if the product is applied on a non inflammable base; water based material with a dry thickness of less than 0,600 mm.
Water absorption W24	Low; W ₂₄ : 0,032 kg/m ² /t ^{1/2} (UNI EN 1062-3:2001)
Permeability to water vapour Sd	High ; Sd : 0,0002 m (UNI EN ISO 7783-2:2001)
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/I; VOC: 60 g/l (max); Limit Phase I (from 1.1.2007): 300 g/l, Limit Phase II (from 1.1.2010): 200 g/l
Colours	Shades of the color chart

Packaging	Kg 1 – 5
Warning	<p>- Avoid prolonged contact with the skin: if necessary, wash thoroughly with soap and water. If the irritation persists, consult a doctor.</p> <p>- Avoid contact with the eyes, in case of accidental contact, wash thoroughly with a sugar-water solution. If the irritation persists, consult a doctor..</p>

Toxicological data

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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

Specifications

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Carefully clean the surface removing any loose or flaking material. Apply a primer or fixative such as IL PRIMER by OIKOS in order to insure a perfect adhesion to the surface. Screed over with PASTE SCREED FOR WALLS by OIKOS. Apply two coats of a product such as AUREUM by OIKOS. The application must be made by trowel. All must be carried out in accordance with the norms of application and with a cost of per m² including material and application.

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