

TECHNICAL DATA SHEET

AUREUM

Technical Qualities

AUREUM by Oikos, regal alchemy, gold for walls, a decorative, golden finish 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 historical research and an understanding of contemporary technology, it has been possible to give rise to a product that is able to adapt itself 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 the setting an unmistakeable elegance with a silky sensation to the touch. The product is non inflammable and friendly to both humans and the environment.

Ideal Use

Decoration of interior walls and furnishings.

Surface Preparation

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 STUCCO IN PASTA PER RASATURA by Oikos.

Application Method

For an impeccable finish, apply AUREUM in two coats using the special Inox steel trowel by Oikos (art.113) if necessary it is possible to add up to a maximum of 5% water to the product in order to obtain the right fluidity:

first coat: proceed to spread a thin coat of AUREUM directly on the STUCCO IN PASTA PER RASATURA, 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

To enhance the gloss effect and protect it, apply after 6 ÷ 8 hours CERA STUCCO by OIKOS. In order to obtain a higher level of water resistance and washability, apply after 4 ÷ 5 days PROTETTIVO PER STUCCO E MARMORINO by OIKOS.

Technical Characteristics: Application

Dilution:	ready to use, max 5% water
Indicative yield:	5 ÷ 6 m ² /kg
Application tools:	Inox steel trowel by Oikos
Fixative:	IL PRIMER by Oikos
Base coat:	STUCCO IN PASTA PER RASATURA by Oikos
Protection:	CERA PER STUCCO, PROTETTIVO PER STUCCO E MARMORINO by OIKOS
Application temperature:	+5°C ÷ +36°C (with relative humidity not exceeding 80%)

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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: Product

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; W24 : 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/l; 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:	- 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

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

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 STUCCO IN PASTA PER RASATURA 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.

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.