

COLOR FINISH

CAPRI
CORFÙ
LIPARI

COLORED INTONACHINO PLASTER EFFECT PROTECT - DECORATE

TECHNICAL DATA SHEET n. EXT/cf/05

www.oikos-group.it/colorfinish

Technical Qualities

COLOR FINISH is a line of water repellent, coloured, mineral, finish plasters for exteriors. The line is formulated using natural binders modified with siloxanic compounds, sand, selected texture marble powder, titanium dioxide and pigments resistant to exterior conditions. The COLOR FINISH line, whilst maintaining a high level of vapour permeability, allows the plastering of the wall with a certain thickness, creating a plaster resistant to aggressive climatic conditions, acids, frost-thaw cycles. Due to the dry thickness of the product, it is possible to cover over slightly uneven surfaces. The products in the COLOR FINISH LINE are especially suitable for restoration work on buildings that are of historical and artistic importance. In order to give protection against mould, it is recommended to add the indicated additive STERYLPLUS to the product. It has a low odour level, is non inflammable and is friendly to both humans and the environment.

Ideal Use

The interior and exterior of historical and prestigious buildings.

Surface Preparation

The surface should be mature and thoroughly dry, new plasters should mature at least 30 days to allow complete carbonation. Clean the surface to be treated and remove loose or flaking materials. For renovation works, ensure that any water infiltration or leaks are fixed before starting work. Apply the recommended primer BLANKOR by OIKOS. Wait 12 hours before proceeding with the application of finishes.

Application Method

COLOR FINISH LIPARI AND CAPRI: apply a first coat of COLOR FINISH screeding over the surface using a stainless steel trowel. Wait approximately 8 hours for drying and then proceed with the application of the second coat. After approximately 15 min. pass over the surface with a sponge trowel in order to finish the application.

COLOR FINISH CORFÙ: apply one coat of COLOR FINISH CORFU screeding over the surface using a stainless steel trowel. After approximately 15 min. pass over the surface with a sponge trowel in order to finish the application.

The product

Composition	Natural binders modified with siloxanic compounds, sand, marble powder of selected texture, titanium dioxide, pigments resistant to exterior conditions, and additives to aid in the application and drying
Specific weight	1,6 kg/l ±3% (white)
Granulometry	<ul style="list-style-type: none">• COLOR FINISH LIPARI AND CAPRI: max= 0.8 mm• COLOR FINISH CORFÙ: max= 1.2 mm
pH	7.5 ÷ 8.5
Viscosity	38,000 ±5% CPS Brookfield (RVT 20 r.p.m. at 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Water absorption	Classe W3 (Low permeability) w = 0,086 kg/(m ² h0,5) (EN 1062-3:2001)
Permeability to water vapour	Classe V2 (Medium permeability) Sd=0,37 m (EN ISO 7783-2:2001)
Measurement of bond strength by pull-off	f _n = 0,7 MPA (min. f _n > 0,3 MPA) (EN 1542:2000)
Durability	f _n = 1,08 MPA (min. f _n > 0,3 MPA) (EN 13687-3:2003)
Thermal conductivity	λ _{10,dry} = 1,28 W/mK (P=90%) (EN 1745:2005)
Reaction to fire	Euroclass F (EN 13501:2009)
Resistance to washing	Conforms to the norm DIN 53 778, resists to atleast 1.000 abrasive cycles.
Resistance to abrasion	Conforms to the norm DIN 53 778, resists to atleast 5.000 abrasive cycles.
Adhesion and resistance to detachment	Conforms to the norm DIN ISO 4624
CE Labelling	Conforms (EN 15824:2009)
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42 CE	<ul style="list-style-type: none">• Classification: A/c• VOC: 35 g/l (max)• Limit Phase I (from 1.1.2007): 75 g/l• Limit Phase II (from 1.1.2010): 40 g/l
Colours	White and shades from the colour chart
Packaging	Kg 5 – 20

The application

Dilution	Ready to use
Yield	<ul style="list-style-type: none">• COLOR FINISH LIPARI AND CAPRI: 2 kg/m² in two coats• COLOR FINISH CORFU: 2 kg/m² in one coat
Application tools	<ul style="list-style-type: none">• For the application: Inox stainless steel trowel• For finishing: Sponge trowel
Primers	BLANKOR by OIKOS white or in the same shade chosen for COLOR FINISH
Application temperature	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time until touch dry	6 ÷ 8 h (temperature = 20°C with relative humidity at 75%)
Total drying time	48 h (temperature = 20°C with relative humidity at 75%)
Tools cleaning	Water

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.

OIKOS

colour and matter for architecture

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Finishes

In order to give the surface a paint wash effect, apply once the surface is thoroughly dry, a coat of VELDECOR by OIKOS going over the surface again with a sponge trowel.

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. The product is considered to be a non-dangerous substance if used in the technically correct manner. 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. 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

Clean the surfaces to be coated and remove loose or flaking materials. In case of new plasters, make sure the substrate is thoroughly dry and mature. Apply one coat of a special primer such as BLANKOR by OIKOS to reinforce crumbling or powdering surfaces and homogenize the absorption.

COLOR FINISH LIPARI AND CAPRI Apply the first coat of COLOR FINISH by OIKOS using a stainless steel trowel to screed over the surface. Wait approximately 8 hours for drying and then proceed with the application of the second coat. 15 minutes after completing the application of the final coat proceed to finish the surface using a sponge trowel.

COLOR FINISH CORFÙ Apply a coat of COLOR FINISH screeding over the surface using a stainless steel trowel. After approximately 15 min. pass over the surface with a sponge trowel in order to finish 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.