

# KELYFOS FINISH-C Fine

## Polymer-modified, cement-based render Smooth finish • White or colored • Water-repellent

### Description

KELYFOS FINISH-C Fine is a premixed render (skim coat) with fine-grained aggregate (up to 1.3 mm), enhanced with resins. It offers the following benefits:

- Total water-repellency, according to DIN 18550.
- Excellent vapor permeability (breathability).
- No need for facade painting.
- Stable standardized properties.
- Suitability for indoor and outdoor application.
- Crack prevention unlike ordinary cement lime renders.
- Simplified application on site (needs only water).

Certified according to EN 998-1 and classified as a GP CS II, W2 mortar. CE marked.

KELYFOS FINISH-C Fine forms part of KELYFOS external thermal insulation system. CE marked according to ETAG-004. Certificate No.: ETA-11/0387.

### Fields of application

KELYFOS FINISH-C Fine is used to create, white or colored, water-repellent, thin-coat render on interior or exterior wall surfaces made of concrete, render etc. It replaces the final coat in a rendering system.

Thanks to its high elasticity and excellent adhesion to the substrate, KELYFOS FINISH-C FINE, combined with the fiber-reinforced adhesive KELYFOS-BOND, is the ideal finish coat in external thermal insulation systems, such as KELYFOS certified thermal insulation system.

### Technical data

Form:	cementitious powder
Particle size:	up to 1.3 mm
Water demand:	5.00-5.50 l/25 kg bag
Buld density of dry mortar:	1.50 ± 0.10 kg/l
Bulk density of fresh mortar:	1.85 ± 0.10 kg/l
Compressive strength:	3.50 ± 1.00 N/mm <sup>2</sup>
Flexural strength:	1.70 ± 0.20 N/mm <sup>2</sup>
Adhesion:	0.60 N/mm <sup>2</sup>

Capillary water absorption:	≤ 0,2 kg/m <sup>2</sup> min <sup>0.5</sup>
Thermal conductivity coefficient ( $\lambda_{10,dry}$ ):	0.47 W/(m·K) (P=50%)
Water vapor diffusion Coefficient ( $\mu$ ):	14
Pot life:	4 h at +20°C

### Colors

KELYFOS FINISH-C Fine is available in white (No 100) and shell (No 207). More colors upon order (minimum quantity 5,400 kg).

### Directions for use

#### 1. Substrate preparation

The substrate must be free of dust, grease, loose particles, etc. Before the application of KELYFOS FINISH-C Fine, is recommended to dampen evenly the fiber-reinforced base coat of KELYFOS-BOND or prime it with silicone-acrylic primer KELYFOS CL-PRIMER.

#### 2. Application

KELYFOS FINISH-C Fine is added to clean water under continuous stirring, until a mortar of the required workability is formed. The mixer to be used should be clean, to avoid any alteration of the render's color.

The render is applied by hand, using a float, trowel or rendering machine. Then, it is smoothed by hand using a sponge float, after it has sufficiently set. Working time depends on the substrate absorptivity, ambient temperature and workability of the mixture.

### Consumption

Approx. 1.4 kg/m<sup>2</sup>/mm of render thickness.  
Recommended application thickness: 2-3 mm.

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## Packaging

KELYFOS FINISH-C Fine is supplied in 25 kg paper bags.

## Shelf life – Storage

12 months from production date if stored in original, unopened packaging, in frost-free and dry conditions.

## Remarks

- Temperature during application should be at least +5°C.
  - During hot weather KELYFOS FINISH-C Fine should be watered after application, to avoid water loss.
  - Due to cement content, KELYFOS FINISH-C Fine reacts with water forming alkaline solutions, thus is classified as irritant.
  - Please consult the safety instructions precautions written on the packaging before use.
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# KELYFOS FINISH-C Fine

**CE**

**2884**

**RAVAGO HELLAS S.M.S.A**  
115, Neraziotissis str., Maroussi 15124,  
Athens Greece

17

**KELYFOS**

External Thermal Insulation Composite  
System with rendering

Insulation product – Extruded Polystyrene  
(XPS)

DoP No.: KELYFOS / 2106-23

**2884-CPR-00122/1**

ETA 11/0387  
EAD 040083-00-0404

**CE**

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**EN 998-1:2016**

**General purpose rendering mortar (GP) for  
external use**

**DoP No.: KELYFOS FINISH-C FINE /2305-01**

**Reaction to fire:** Class A1

**Adhesion:** 0,6 N/mm<sup>2</sup>- **FP:** B

**Water absorption:** W2

**Water vapour diffusion coeff:** (μ) 14

**Thermal conductivity:** 0,47 W/(mK)

**Durability**(against freeze/thaw): evaluation based  
on provisions valid in the intended place of use of  
mortar