

Acrylic, ready-to-use, water-repellent render Smooth finish

Description

KELYFOS FINISH-A Fine is a pasty, white or colored, acrylic finish render consisting of aggregates with special particle size distribution, used to deliver a smooth decorative finish. It offers the following benefits:

- High elasticity and excellent adhesion to the substrate.
- Total water-repellency according to EN 1062-3.
- Excellent vapor permeability.
- No need for facade painting.
- Resistance to alkalis according to DIN 18556.
- Crack prevention, unlike traditional cement-lime renders.
- Simple, faster application.
- Suitable for indoor and outdoor applications.

Certified according to EN 15824:2017. CE marked. KELYFOS FINISH-A 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-A Fine is used as a thin-coat render delivering a white or colored water-repellent smooth finish. Applicable to all types of building materials like render, concrete, cement boards, gypsum boards, etc. Suitable for interior and exterior walls. It replaces the final coat in a rendering system.

Thanks to its high elasticity and excellent adhesion to the substrate, combined with 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:	pasty
Color:	white and selected colors
Density:	1.82 ± 0.03 kg/l
Water vapor permeability:	V2 (EN ISO 7783-2, V2: Medium 0.14 ≤ Sd < 1.4m)

Water permeability:	W3 (EN 1062-3, W3: Low w < 0.1 kg/m ² h ^{0.5})
Adhesion:	0.4 MPa (EN 1542)
Thermal conductivity:	λ = 0.7 W/(m·K) (EN 1745)
Reaction to fire:	Euroclass B-s2,d0 (EN 13501-1)
Drying time:	4-6 h (23°C και 50% R.H.)
Cleaning of tools:	Tools should be cleaned with water, after use.

Available types

Depending on particle size, KELYFOS FINISH-A Fine is available in the following types:

Type	Recommended application thickness
KELYFOS FINISH-A Fine 1 mm	~1 mm
KELYFOS FINISH-A Fine 1.5 mm	~1.5 mm

Consumption

Approx. 1.8 kg/m²/mm.

Directions for use

1. Substrate preparation

The substrate must be dry and free of dust, oil or grease, loose materials, etc. Fiber-reinforced base coat of KELYFOS BOND is primed with KELYFOS CL-PRIMER. KELYFOS FINISH-A Fine is applied after the primer has dried.

In case KELYFOS FINISH-A Fine is colored, it is recommended to use KELYFOS CL-PRIMER colored in the same color as the render.

2. Application

KELYFOS FINISH-A Fine should be thoroughly stirred before application. Stirring should be done with slow circular motions to avoid creating bubbles in the mass of the material. The render is applied by hand, using a smooth stainless steel trowel, or with a rendering machine.

While still fresh (5-15 min after its application), the render is treated (pressed) with a plastic float. Working time depends on substrate absorbency and ambient temperature.

Packaging

KELYFOS FINISH-A Fine is supplied in 5 kg and 25 kg plastic containers.

Shelf life – Storage

18 months from production date if stored in original, unopened packaging, at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.

Remarks

- The natural aggregate used in the render can cause slight differences in color. For this reason and in order to achieve a uniform color result, it is recommended to use products of the same batch or to mix products of different batches. Moreover, the final color may be affected by substrate temperature and humidity
- Temperature during application should be between +5°C to +35°C.
- While still fresh, KELYFOS FINISH-A Fine should be protected from high temperatures, rain and frost.
- Consult the directions for safe use and precautions written on the packaging before use.

Volatile Organic Compounds (VOCs)

According to Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory c, type WB, is 40 g/l (2010) for the ready-to-use product.

The ready-to-use product KELYFOS FINISH-A Fine contains a maximum of 40 g/l VOC.

CE

2884

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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

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EN 15824:2017

External render based on organic binder

DoP No.: KELYFOS FINISH-A FINE/2303-01

Water vapor permeability: V2

Water absorption: W3

Adhesion: 0,4 MPa

Durability: NPD

Thermal conductivity: 0.7 W/(mK)

Reaction to fire: Euroclass B-s2, d0