

ENTEGRE

"Building Life"

FİNKOT® - E**Cement-Based, Ready-Mixed, High-
Performance Fiber-Reinforced Render for
Thermal Insulation Boards****THERMAL
INSULATION SOLUTIONS**

Areas of Use

It is used for rendering thermal insulation boards such as expanded polystyrene (EPS) and mineral wool, as well as external dry-wall systems.

Properties

- Applied as a reinforcement plaster on EPS, XPS and mineral wool boards.
- Provides a smooth surface.
- Polymer-modified formulation.
- Its fiber-reinforced formulation provides enhanced flexibility and helps minimize the formation of surface cracks.

Application

Mortar Preparation and Application

Add an appropriate amount of water (6–6,75 L of water per 25 kg bag) to the mixing container. Add the powder material and mix with a low-speed hand mixer. Allow the mortar to rest for 5 minutes, then remix until a homogeneous consistency is achieved.

Apply a 3 mm thick layer of mortar onto the previously bonded insulation board using a steel trowel. The reinforcement mesh must be embedded under tension

without folding, with the joints overlapped by at least 10 cm.

To ensure full contact between the fresh mortar and the reinforcement mesh, embed the mesh into the mortar using a steel trowel. After smoothing the first coat, apply a second 2 mm thick coat of mortar so that the reinforcement mesh is no longer visible.

A steel trowel is recommended for surface finishing. A sponge float may cause surface dusting.

Consumption

4,5 kg/m²

Technical Values

Dry Bulk Density, kg/m ³	1400 ± 200
Compressive Strength, N/mm ²	≥ 6 (CS IV)
Bond Strength, N/mm ²	≥ 0,2 (FP:B)
Capillary Water Absorption, kg/m ² .min ^{0.5}	W0
Water Vapour Permeability Coefficient, μ	≤ 25
Mean Thermal Conductivity, W/m.K (λ _{10,dry})	≤ 0,60
Reaction to Fire	A1

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Packaging and Storage

- Supplied on pallets in 25 kg polyethylene-reinforced kraft bags.
- It is recommended to store the product unopened in its original packaging in a dry environment free from the risk of frost, stacked up to a maximum of 8 layers and without direct contact with the floor, and to consume it within 1 year from the date of manufacture and within 1 week after opening the bag.
- When not in use, the packaging must be kept tightly closed.

Warnings

- No foreign materials (lime, cement, gypsum, etc.) must be added to the prepared mortar.
- Mortar that has exceeded its pot life must not be mixed with water or dry mortar and reused.
- For the durability of the plaster, the surface should be watered at regular intervals during the first 7 days after application, in accordance with increases in air temperature.
- Applicationnın +5 °C, +35 °C arası sıcaklıkta yapılması önerilir.

- In windy conditions, FİNKOT® - E must be protected against rapid drying.
- Do not apply to frozen surfaces.
- Do not apply under direct sunlight.
- Do not use outside the specified areas of application and instructions for use.
- Do not inhale directly. In case of contact with eyes, rinse thoroughly with plenty of water and seek medical attention if necessary.
- Request the product safety data sheet for further information.
- Consult us regarding all other application conditions and technical questions.

Certificate of Conformity



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Liability: Above stated data obtained in lab conditions. Entegre will not be liable for any defect in product occurring by reason of events or conditions not within its control such as misuse, mishandling, improper storage or improper installation. Entegre reserves the right to revise the information contained herein without prior notice.



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