TURUNCU PAKET® DONATI SIVASI

Cement-Based Reinforcing Render for Thermal Insulation Boards

ENTEGRE "Building Life"

THERMAL INSULATION SOLUTIONS

Areas of Use

Used for coating polystyrene and mineral wool boards.

Properties

- Applied as a reinforcement plaster on EPS, XPS and mineral wool boards.
- Provides a smooth surface.
- Thanks to the polymer additive it contains, it provides high bond strength on thermal insulation boards.

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/m^2

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
Adhesion Strength to EPS Board, kPa	≥ 80
Adhesion Strength to Mineral Wool, kPa	≥ 6
Mean Thermal Conductivity, W/m.K ($\lambda_{10,dry}$)	≤ 0,43
Reaction to Fire	A1

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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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, TURUNCU PAKET® REINFORCEMENT PLASTER 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

TS EN 998-1 / February 2017 / A1-GP-CS IV

TS EN 13499 / November 2006

TS EN 13500 / September 2005

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