



DESCRIPTION: Cement-based adhesive mortar for thermal insulation boards.

APPLICATION AREAS: Used for bonding XPS, EPS, and rock wool thermal insulation boards to both interior and exterior façades of all types of buildings.

ADVANTAGES: Specifically developed for thermal insulation systems, it has high adhesion strength. Provides ease of application with excellent workability and leveling capabilities. Offers a long working time.

SURFACE PREPARATION: Ensure the surface is dry, clean, and solid. Remove dust, dirt, form oil, slag, and paint residues that may impede adhesion from the application surface. Remove cracked plaster, weak surfaces, or non-supportive underlying layers. Repair any surface irregularities or cracks with **Petek Fix 404** before applying the adhesive.

APPLICATION INSTRUCTIONS: Gradually add 25 kg of powder adhesive to 6-6.5 liters of water, mixing until free of lumps. Allow the mixture to mature for 5-10 minutes, then remix before use. For surfaces with level differences, apply the adhesive continuously along all edges and in a dotted pattern in the center of the insulation board. Press the board firmly against the wall. For smooth surfaces, apply the adhesive to the back of the board using a notched trowel. Check that the boards are level using a screed or spirit level during the application process.

WARNINGS AND RECOMMENDATIONS: Use the prepared adhesive within 2 hours; do not use after the working time has expired. Mechanical anchoring should be performed at least 24 hours after application, depending on environmental temperature and surface conditions. The product should be used within its shelf life. Do not use expired products. The specified consumption amount is for general information and may vary based on application conditions and surface characteristics. Avoid inhaling dust, and avoid contact with skin and eyes. Refer to the safety data sheet for more detailed information.

PACKAGING AND SHELF LIFE: 25 kg bags, 64 bags per pallet = 1600 kg. Store in a dry, moisture-free environment, and keep the packaging sealed when not in use. Shelf life is 1 year from the date of manufacture when stored properly.

Technical Specifications:

Structural Component:

Cement

Appearance:

Gray Powder

Full Drying Time:

2-3 Days (Fastening can be done 24 hours later).

Shelf Life:

12 months in unopened packaging, in a dry environment).

Shelf Life

12 months in unopened packaging, stored a dry Environment

Application Information

Application Temperature:

(+5°C)-(+35°C)

Mixing Ratio:

25 kg + 6-6.5 liters of water

Pot Life:

2 Hours

Consumption:

Eps=4-4,5 kg/m² Mineral Wool=5,5-6,5 kg/m²

Performance Data:

Adhesion to Substrate:

≥ 0,5 N/mm² (TS EN 1015-12)

Adhesion to EPS Board:

≥ 0,08 N/mm² (TS EN 13494)

Water Absorption

≤ 5 gr (30 dk.-min.) (TS EN 12808-5)

Flexural Strength:

≥ 2,0 N/mm² (TS EN 1015-11)

Compressive Strength:

≥ 6,0 N/mm² (TS EN 1015-11)

Fire Reaction Class:

A1 Non-combustible (TS EN 13501-1)

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TS 13566

Fire Reaction: A1

Cement-Based Liquid Insulation Board
Adhesive Mortar



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