



DESCRIPTION: This is an adhesive mortar specially designed for stone wool insulation systems.

APPLICATION AREAS: Used for adhering XPS, EPS, and stone wool insulation boards on both the interior and exterior façades of all types of buildings.

ADVANTAGES: Developed specifically for insulation systems, it has high adhesion strength. It facilitates application with superior workability and grounding capability. Provides a long working time.

SURFACE PREPARATION: Ensure the surface is dry, clean, and solid. The surface to be applied should be free from dust, dirt, form oil, slag, and paint residues that could impede adhesion. Remove any cracked plasters, weak surfaces, or residues of mortar and cement from the surface. If there are irregularities or cracks on the surface to be applied, they should be repaired with **Petek Fix 404**.

APPLICATION INSTRUCTIONS: Slowly add 25 kg of powder mortar to 5-6 liters of water and mix until no lumps remain. Allow the mortar to mature for 5-10 minutes, then remix before application. If there are level differences on the surface, apply the mortar continuously along all edges on the back of the insulation board and in dots in the center, then press it onto the wall. If the surface is even, the adhesive mortar can be applied using a notched trowel on the back of the board. During the application, check the level of the boards using a leveling tool or a spirit level.

WARNINGS AND RECOMMENDATIONS: Use the prepared mortar within 2 hours; do not use after this period. Depending on ambient temperature and surface characteristics, mechanical anchoring should be done at least 24 hours after application. The product should be used within its shelf life. Do not use expired products during application. The specified consumption rate is for general information and may vary based on application conditions and surface characteristics. Since it is cement-based, avoid inhaling the dust and contact with skin and eyes. For more detailed information, refer to the safety data sheet.

PACKAGING AND SHELF LIFE: Packed in 25 kg bags, 64 bags per pallet = 1600 kg. In moisture-free and dry conditions, the shelf life is 1 year from the production date. If not in use, the packaging should be tightly sealed.

Technical Specifications:

Structural Component:

Cement

Appearance:

Gray Powder

Full Drying Time:

2-3 Days

Shelf Life:

12 months in unopened packaging and in a dry environment

Application Information:

Application Temperature:

(+5°C)-(+35°C)

Mixing Ratio:

25 kg 5-6 liters of water

Shelf Life:

2 hours

Consumption:

Stone wool 5,5-6 kg/m²

Performance Data:

Adhesion to Substrate:

≥ 0,05 N/mm²

Adhesion to Mineral Wool Board:

≥ 0,006 N/mm²

Adhesion to EPS Board:

≥ 0,08 N/mm²

Water Absorption:

≤ 5 gr (30 minutes-minimum)

Flexural Strenght:

≥ 2,0 N/mm²

Compressive Strenght:

≥ 6,0 N/mm²

Fire Reaction Class:

A1 Non-combustible

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Bağlar/Diyarbakır/Türkiye

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Public Works Position No: 10.330.2503

TS 13566

Fire Reaction: A1

Cement-Based Liquid Insulation Mineral
Wool Board Adhesive Mortar



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