



**DESCRIPTION:** This is a plaster mortar specifically designed for stone wool thermal insulation systems.

**APPLICATION AREAS:** It is used for plastering XPS, EPS, and STONEWOOL thermal insulation boards on both interior and exterior surfaces of buildings.

**ADVANTAGES:** Developed specifically for thermal insulation systems on both interior and exterior facades, it offers high flexibility and adhesion strength. It is resistant to weather conditions, water, and impact.

**SURFACE PREPARATION:** Ensure that the thermal insulation boards to be plastered are smooth and securely fixed, and that their surfaces are dust-free and clean. Make sure there are no gaps between the insulation boards.

**APPLICATION INSTRUCTIONS:** Gradually add 5.5-6.5 liters of water to 25 kg of powder mortar and mix until there are no lumps. Allow the mortar to mature for 5-10 minutes, then mix again before application. Apply the mortar evenly onto the insulation boards using a trowel. For a uniform thickness, initially use a 4x4 mm notched trowel to apply the first coat. Embed the mesh into the plaster using a steel trowel by lightly pressing it before the mortar dries. Overlap the mesh at the joints by approximately 10 cm. After the first coat has slightly dried, apply the second coat before it fully dries. Once the second coat is applied, smooth the surface with a steel trowel.

**WARNINGS AND RECOMMENDATIONS:** Use the prepared mortar within 2 hours; do not use expired mortar. After the plaster mortar has fully dried, apply a breathable final coating material. The product should be used within its shelf life. Do not use products that have expired during application. The specified consumption rate is for general information and may vary depending on application conditions and surface characteristics. Since it is cement-based, avoid inhaling the dust and prevent contact with skin and eyes.

**PACKAGING AND SHELF LIFE:** 25 kg bags, 64 bags per pallet = 1600 kg. Store in a moisture-free and dry environment for up to 1 year from the production date. Seal the bags tightly when not in use.

#### Technical Specifications:

##### Structural Components:

Cement

##### Appearance:

Gray-colored Powder

##### Complete Drying Time:

2-3 days

##### Shelf Life:

12 months in an unopened package, stored in a dry environment

#### Application Information:

##### Application Temperature:

(+5°C)-(+35°C)

##### Mixing Ratio:

25 kg of powder with 5.5-6.5 liters of water

##### Pot Life:

30 minutes.

##### Consumption:

Rock Wool 5,5-6 kg/m<sup>2</sup>

#### Performance Data:

##### Adhesion to Rock Wool Boards:

≥ 0,006 N/mm<sup>2</sup>

##### Adhesion to EPS Boards:

≥ 0,08 N/mm<sup>2</sup>

##### Water Absorption:

≤ 0,05 kg/m<sup>2</sup>

##### Impact Resistance:

≥ 2 joule

##### Flexural Strength:

≥ 2,0 N/mm<sup>2</sup>

##### Compressive Strength:

≥ 6,0 N/mm<sup>2</sup>

##### Fire Reaction Class:

A1 Non-combustible

##### Water Vapor Permeability:

≤15

G

PETEK-KİM YAPI KİMYASALLARI İTH.

İHR. SAN. TİC. LTD. ŞTİ

Topraktaş Mah. Topraktaş 6 Sk. S.S.

Kund. Küç. San. Sit. B4 No:2/S

Bağlar/Diyarbakır/Türkiye

24

Public Works Position No: 10.330.2505

TS 13687

Cement-Based Plaster - Thermal Insulation  
Rock Wool Board Plaster



**PETEK-KİM**  
OZ IRON

For Durable and Aesthetic Constructions