



DEFINITION: It is a polymer-reinforced, cement-based surface repair mortar.

APPLICATION AREAS: Suitable for use in restoration work on buildings, providing a smooth surface before painting, ceramic tiling, and insulation; filling fine cracks on surfaces such as exposed concrete, prefabricated concrete, aerated concrete, concrete blocks, and bricks; and for repairing and plastering damaged, eroded, cracked, or broken surfaces up to 1-10 mm.

ADVANTAGES: It has high adhesion strength. It creates a smooth and solid surface. It is resistant to freeze-thaw cycles. It can be applied in thicknesses ranging from 1-10 mm. Easy to apply.

SURFACE PREPARATION: Ensure that the surface is dry, clean, and solid. The surface to be applied should be free from dust, dirt, form oil, slag, paint, and other residues. Weak surfaces, such as cracked plaster and loose materials, should be scraped off, including any cement or mortar layers that lack sufficient strength.

APPLICATION INSTRUCTIONS: Slowly pour 25 kg of **Petek Fix 404** into 4.25-5.25 liters of water and mix until a homogeneous mixture is obtained. The mixing should be done using a low-speed mixer. No additional admixtures not specified in the application instructions should be added. Allow the prepared mortar to rest for 5-10 minutes to mature. Before starting the application, mix it again for 1-2 minutes. The mortar should be applied with a steel trowel, pressing it into damaged, cracked, or broken areas, and should be left with a uniform thickness not exceeding 10 mm. If the surface is damp, it should be finished with a sponge.

WARNINGS AND RECOMMENDATIONS: After application, the surface should be moistened periodically for 24 hours. The prepared mortar should be used within 60 minutes. High temperatures, low humidity, and windy conditions may reduce this time. Mortar that has exceeded its working time or has formed a crust should be discarded. After application, hands and tools should be washed with plenty of water. The specified consumption amount is for general information purposes only and may vary depending on application conditions and surface characteristics. As it is cement-based, avoid inhaling its dust and prevent contact with skin and eyes.

PACKAGING AND SHELF LIFE: Available in 25 kg bags, 64 bags per pallet = 1600 kg. It has a shelf life of 1 year from the production date when stored in a dry and moisture-free environment. Unused bags should be tightly sealed.

Technical Specifications:

Structural Component:

Cement

Appearance:

Gray Powder

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 with 4.25-5.25 liters of water

Pot Life:

1 hour

Application Thickness:

1-10 mm (in a single layer)

Consumption:

1,40 kg/m² (for 1 mm thickness)

CE

PETEK -KİMYAPI 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

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Conforms to TS EN 1504-3 Standards.

Public Works Position No: 10.300.2071

Compressive Strength: $\geq 15.0 \text{ N/mm}^2$ (28 days)

Flexural Strength: $\geq 4.0 \text{ N/mm}^2$

Adhesion to Concrete: $> 1.0 \text{ N/mm}^2$

Restrained Shrinkage/Expansion: $\geq 0.8 \text{ N/mm}^2$

Capillary Water Absorption: $\leq 0.5 \text{ kg/m}^2\text{h}^{0.5}$

Temperature Resistance: (-30°C) - (+80°C)

Hazardous Substances: Refer to the Safety Data Sheet.

Reaction to Fire: A1

Fine Repair Mortar



PETEK-KiM
OZ IRON

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