



DESCRIPTION: It is a high-performance, cement-based adhesive mortar with reduced slip properties and a long working time.

APPLICATION AREAS: Used for the installation of covering materials such as granite, large-format ceramics, cotton, and clinker on horizontal and vertical surfaces in both interior and exterior applications. Suitable for use on surfaces like concrete, plaster, and screed, as well as for applying new ceramics over old tiles or marble. Ideal for areas with heavy foot and load traffic, such as shopping centers, hospitals, and schools.

ADVANTAGES: It offers high adhesion strength, does not slip on vertical surfaces, and is easy to trowel.

SURFACE PREPARATION: The surface must be dry, clean, and sound. It should be free from substances that could hinder adhesion, such as dust, dirt, mold release agents, slag, or paint. Cracked plasters, weak underlying surfaces that cannot support the load, and residues of mortar or cement should be scraped off. Any imperfections or cracks on the surface should be corrected with **Petek Fix 404** or **Petek Grond Fix**. Dusty surfaces on the back of the tiles should be cleaned by dampening and wiping.

APPLICATION INSTRUCTIONS: Slowly add **Petek Granty Flex** to the recommended amount of water and mix until a homogeneous mixture is achieved. Use a low-speed mixer for the mixing process. Do not add any additives not specified in the application instructions. Allow the prepared mortar to mature for 5-10 minutes. Mix again for 1-2 minutes before starting the application. For better adhesion, spread the mortar on the surface with the flat side of the trowel and then comb it with the notched side of the trowel suitable for the tile size. For the installation of covering materials with dimensions of 40x40 cm or larger, or in areas with heavy foot and load traffic, a combined adhesive method should be preferred. Tiles should be pressed onto the combed mortar within 30 minutes.

WARNINGS AND RECOMMENDATIONS: After application, hands and tools should be washed thoroughly with water. Surfaces should be cleaned with a damp cloth. The product should be used within its pot life. Tiles adhered with **Petek Granty Flex** should avoid direct contact with water for at least 24 hours. They should be protected from frost and strong sunlight for up to 5-7 days. In unfavorable conditions such as high temperatures, low humidity, or wind, this period may be shortened. Adhesive should not be applied over mortar that has exceeded its working time; the mortar should be scraped off the surface.

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

Technical Specifications:

23°C ve %50 Relative Humidity

Appearance:

Gray powder

Shelf Life: 12 months in unopened packaging, stored in a dry environment

Application Information:

Application Temperature:

(+5°C)-(+35 °C)

Mixing Ratio:

Gray powder=6-6.5 liters of water/ White powder=7-7.5 liters of water (25 kg)

Shelf Life:

2 hours

Grouting Time: 8 hours on walls, 1 day on floors

Consumption:

3,5 kg/m²

CE

PETEK-KİM YAPI KİMYASALLARI İTHİ.HR. SAN. TİC. LTD. ŞTİ
Topraktaş Mah. Topraktaş 6 Sk. S.S.KunKdÜ. ç. San. Sit. B4
No:2/S Bağlar/Diyarbakır/Türkiye

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In compliance with TS EN 12004-1 Standards

C: Cementitious adhesive

1: Normal setting (standard performance)

Public Works Position No:10.300.2202

Slip: ≤ 0,5 mm

Open Time: ≥ 0,5 N/mm²

Adhesion Strength: NPD

Initial: ≤ 0,5 N/mm²

After Heat Aging: ≤ 0,5 N/mm²

After Water Immersion: ≤ 0,5 N/mm²

After Freeze-Thaw Cycles ≤ 0,5 N/mm²

Temperature Resistance (40°C)-(100°C)

Hazardous Substances: Refer to the Safety Data Sheet

Fire Reaction: A1

System 3



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