



DESCRIPTION: Cement based flexible glazed porcelain and granite tile adhesive with reduced slip, extended open time and improved with additional qualities.

APPLICATION AREAS: Used for fixing ceramic, granite ceramic and glazed porcelain at interior and exterior walls and floors; Used for fixing tile on existing tile or granite ceramic. Suitable for use on painted and gypsum. Suitable for use on floor heating systems. Suitable for use on private swimming pools.

ADVANTAGES: Safe adhesion for large size coatings. Extended open time.

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 can not 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 Pro** 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 on to the combed mortar within 30 minutes.

WARNINGS AND RECOMMENDATIONS: After application, hand sand 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 Pro** 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 and %50 Relative Humidity

Appearance:

Grey and White Powder

Shelf Life:

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

Application Data

Application Temperature:

(+5°C) - (+35 °C)

Mixing Ratio:

Grey powder = 6-6,5 lt water

White powder = 7-7,5 lt water (25 kg)

Shelf Life:

2 hours

Grouting Time:

8 hours on walls, 1 day on floors

Consumption:

4-6 kg./m²

CE

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

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In compliance with TS EN 12004-1 Standards

C: Cementitious adhesive
2: High Performance
T: Reduced Slip
E: Extended Open Time
S1: Deformable
Public Works Position No: 10.300.2204

Slip: ≤ 0.5 mm
Open Time: ≥ 75 psi (0.5 MPa)
Initial: < 1 N /mm²
After Heat Aging: ≤ 1 N /mm²
After Water Immersion: ≤ 1 N /mm²
After Freeze - Thaw Cycles: ≤ 1 N /mm²
Shear Strength, impervious ceramic porcelain mosaics
(28 day): > 200 psi (1.38 MPa)
Shear Strength, glazed wall tile (7 day): > 300 psi (2.07 MPa)
Shear Strength, quarry tile (28 day) > 150 psi (1.03 MPa)
Shear Strength, quarry tile plywood (28 day) > 150 psi (1.03 MPa)
Temperature Resistance: (-40°C) - (80°C)
Deformability: ≥ 2,5 mm – S1 Deformable
Hazardous Substances: See SDS
Fire Reaction: A2

System 3



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