



DESCRIPTION: A cement-based, surface leveling screed containing chemical additives that ensures a non-porous structure and easy spreading.

APPLICATION AREAS: Used to achieve a smooth surface under PVC, linoleum, laminate-laminate parquet, wood, carpet, and ceramic coverings. It is also used to level concrete and screed surfaces. Provides a resistant surface to abrasion and dust in high pedestrian and load traffic areas such as warehouses and storage rooms.

ADVANTAGES: Self-leveling and balances out. Provides high adhesion strength. Suitable for application in thicknesses of 2.5-10 mm without shrinkage, cracking, or deterioration. Offers high bending and compressive strength. Resistant to abrasion.

SURFACE PREPARATION: The surface must be dry, clean, and solid. Remove residues that hinder adhesion such as dust, dirt, form oil, slag, and paint. Weak or cracked surfaces that cannot support themselves, as well as residues of mortar and cement, should be removed from the surface. Areas requiring repair, cracks, and voids should be filled and leveled with structural repair mortar products at least 1-2 hours before the screed application. To prevent cracking due to expansion during drying of **Petek Ground Fix**, a polystyrene foam board should be placed to separate the screed from walls or other structural elements. For large areas, to avoid level differences and ensure smooth application, set up a grid with a maximum size of 3x3 meters to determine application levels. Application thickness should be determined based on the surface smoothness and porosity. For areas with significant surface irregularities or large areas, using a screed master is important.

APPLICATION INSTRUCTIONS: Gradually add 4.75-5.25 liters of water to 25 kg of **Petek Ground Fix** and mix until a homogeneous mixture is achieved. The mixture should be prepared with a low-speed mixer. Do not add any additives not specified in the application instructions. Allow the prepared mortar to mature for 2-3 minutes. Pour the liquid **Petek Ground Fix** onto the surface and adjust the thickness with a steel trowel. Use a spiked roller to eliminate air bubbles and facilitate spreading.

WARNINGS AND RECOMMENDATIONS: The prepared mortar should be used within 20 minutes. High temperatures, low humidity, and wind can shorten this time. Do not add any unapproved additives. Do not use mortar that has expired or hardened. During application, protect the surface from wind and direct sunlight. **Petek Ground Fix** can be walked on 6 hours after application and can be covered with carpet, PVC, parquet, or ceramic materials 24 hours after application. Protect the screed from direct sunlight, excessive temperatures, and strong winds to prevent fine cracking. Clean hands and application tools with plenty of water after use. It is recommended that the application be performed by experienced professionals.

Aforesaid consumption amount is for general information and may vary depending on application conditions and surface characteristics. As it is cement-based, avoid inhaling dust and contact with skin and eyes.

PACKAGING AND SHELF LIFE: Packaged in 25 kg bags, with 64 bags per pallet (total 1600 kg). Shelf life is 1 year from the production date in dry and moisture-free conditions. The bags should be tightly sealed when not in use.

Technical Specifications:

Structural Component:

Cement

Appearance:

Gray-colored powder

Shelf Life:

12 months in unopened packaging, stored in a dry environment

Application Information

Application Temperature:

(+5°C)-(+35°C)

Mixing Ratio:

25 kg with 4.75-5.25 liters of water

Pot Life:

20 minutes / Walkable after 8 hours

Time to Use:

24 hours (before adhesion)

48 hours (full use)

Consumption:

1,5-1,7 kg/m² (for 1 mm thickness)

CE

PETEK -KİMYAPI KİMYASALLARI İTH. İHR. SAN. TİC. LTD. ŞTİ
Topraktaş Mah. Topraktaş 65k. S.S. Kund. Küç. San. Sit. B4
No:2/SBağlar/Diyarbakır/Türkiye

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In compliance with TS EN13318 Standards

Public Works Position No: 15.250.1001

Compression Strength: $\geq 20 \text{ N/mm}^2$ (28gün) - C20(TS EN13813)

Flexural Strength: $\geq 4 \text{ N/mm}^2$ (28gün) - F4 (TS EN13815)

Section Abrasion Resistance: $\leq 20 \text{ cm}^3/50 \text{ cm}^2$ - A22(TS EN13813)

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

Hazardous Substances: Refer to Safety Data Sheet

Fire Reaction: A1

Leveling Screed



PETEK-KiM
OZ IRON

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