



**DEFINITION:** Cement-based plaster for interior and exterior use, applied by hand or machine.

**APPLICATION AREAS:** Used as a base plaster on both interior and exterior surfaces of buildings.

**ADVANTAGES:** Easy and quick to apply. Provides high adhesion and durability. Suitable for machine application.

**SURFACE PREPARATION:** The application surface must be clean, free from dust and grease, and solid. Cracks and holes should be repaired before application. The surface must be moistened before application, and in very hot or windy conditions, it should be thoroughly saturated with water. For smooth surfaces, concrete walls and ceilings, or highly absorbent surfaces, a scratch coat should be applied at least 3 days prior to application.

**APPLICATION INSTRUCTIONS:** Add the specified amount of water to a bag of **Petek Prepar 506** and mix using a plastering machine or electric mixer. The prepared mortar should be applied by spraying for machine applications or with a trowel for hand applications. Level the surface. The application thickness should be between 10 mm and 25 mm in a single layer. If the thickness exceeds 25 mm, a second layer should be applied after at least 1 day, up to a maximum thickness of 25 mm. Once the plaster has reached the right consistency, proceed with finishing. During the 7 days following application, the surface should be periodically moistened depending on environmental conditions to ensure durability.

**WARNINGS AND RECOMMENDATIONS:** Do not apply directly to metal, wood, or wooden surfaces. Not suitable for surfaces with existing plaster defects thicker than 3 mm. Should not be applied to old painted surfaces, pre-colored plaster, or exterior coatings that may be exposed to continuous moisture. Do not add foreign materials. All tools used should be washed with water before the plaster dries. The performance values of the product are based on laboratory tests and are valid for the performance of finished applications after 28 days. Values may vary due to different site conditions. Do not add any foreign materials to the mortar. The mortar should be thoroughly mixed until a homogeneous consistency is achieved before application. Wash all tools used with water before they dry.

**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, moisture-free environment. Unused bags should be tightly sealed.

#### Technical Specification:

##### 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 6-7 liters of water

##### Application Thickness:

10-50 mm

##### Maximum Layer Thickness:

Max. 25 mm

##### Consumption:

13-17 kg/m<sup>2</sup> average for 1 cm plaster thickness

CE

PETEK -KİMYA KİMYASALLARI İTH. İHR. SAN. TİC. LTD. ŞTİ  
Topraktaş Mah. Topraktaş 6 Sk. S.S.Kund. Küç. San. Sit. B4  
No:2/SBağlar/Diyarbakır/Türkiye

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In compliance with TSEN998 -1 Standards

Public Works Position No: 10.330.3201

Fire Reaction Classification: A1

Dry Bulk Density: 1500±200 kg/m<sup>3</sup>

Boad Strength: 0,48 N/mm<sup>2</sup> (Failure Mode): FP:B

Compressive Strength: 6,4 N/mm<sup>2</sup> CS IV

Capillary Water Absorption: WcO

Water Vapor Permeability Coefficient (μ): 25 ( μ ≤ 30)

Thermal Conductivity: (λ10,dry[W/Mk]): (P=50) ≤ 0,64 W/m.K

System4



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