



**DESCRIPTION:** A high-performance, colored joint filler, based on cement and enhanced with special polymer additives and silicone.

**APPLICATION AREAS:** Used for joint applications up to 6 mm wide in ceramic, tiles, natural stone, granite ceramics, marble, and similar cladding materials.

**ADVANTAGES:** Silicone-enhanced formula provides high performance against soiling and excellent water repellency.

**SURFACE PREPARATION:** To ensure uniform color and drying, before the joint application, remove dust, debris, construction cement residues, etc., from the joint gaps using a fine tool, and clean with a brush. Particularly on walls, moisten the joint gaps before application.

**APPLICATION INSTRUCTIONS:** Mix 20 kg of **Petek-Sil Derz** with approximately 6-7 liters of water using a low-speed mixer or trowel until free of lumps. After mixing, let the mixture rest for a few minutes and then remix for 1-2 minutes before application. Fill the joint gaps with the mixture using a hard rubber trowel or a trowel with a hard rubber base. To ensure thorough filling, apply the mixture parallel and then diagonally. Remove excess material from the surface using a soft spatula or a damp sponge-tipped spatula. After waiting 15-30 minutes, depending on the ambient temperature, wipe the surface with a damp sponge to clean any thin joint residue. For smoothing and cleaning the surface, use a dry cloth while **Petek-Sil Derz** is still wet.

**WARNINGS AND RECOMMENDATIONS:** Do not apply in areas exposed to high pressure (>100 bar) or chemicals, in hygiene-critical environments, or in swimming pools. Avoid use on deformable surfaces such as underfloor heating systems and terraces.

**PACKAGING AND SHELF LIFE:** In 20 kg bags, 80 bags per pallet = 1600 kg. Shelf life is 1 year from the production date in dry, moisture-free conditions. Unused bags should be tightly sealed.

**Technical Specifications:**

**Structural Component:**

Cement

**Color:**

12 color options

**Appearance:**

Powder

**Shelf Life:**

12 Months in unopened packaging, in a dry environment

**Application Information:**

**Application Temperature:**

(+5°C)-(+35°C)

**Mixing Ratio:**

20 kg with 6-7 liters of water

**Pot Life:**

1 hour

**Complete Curing Time:**

12 Hours

**Time Before Floor Can Be Used:**

24-48 hours

**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 13888-1 Standards.

Public Works Position No: 10.300.2231

CG2A

Abrasion Resistance: < 1000 mm<sup>3</sup>

Flexural Strength: > 2.5 N/mm<sup>2</sup>

Compressive Strength: > 15 N/mm<sup>2</sup>

Shrinkage: < 3 mm/m

Water Absorption (30 minutes): ≤ 2 g

Water Absorption (240 minutes): ≤ 5 g

System 3



**PETEK-KİM**  
OZ IRON

For Durable and Aesthetic Constructions