

Product Overview
CLASS Flex Joint Filler Mortar is a high-performance product designed for filling joint gaps ranging from 0 to 6 mm. This cement-based mortar is enhanced with polymers and specialized chemicals, offering waterproofing capabilities through the formation of a smooth surface and a hydrophobic effect.

Application Domains

- Indoors and outdoors,

For grouting large-format ceramic tiles and granite ceramics,
 In confined joints of natural granite, pressed brick, marble, glass mosaic, and natural stone blocks,
 Hospitals, residential complexes, and retail centers,
 It is utilized in locations with significant pedestrian traffic and areas that are rapidly made available for use.

Technical Specifications

Density (25°C, g/mL)	1,40 ± 0,10
pH (25°C)	7.0 – 9.0
Viscosity (25°C, mPa·s)	9000 – 12000
Solid Content (by weight percentage)	74 ± 2
Water transfer rate (kg/m ² · h ^{0.5})	< 0.1 CLASS W3
Adhesion strength (N/mm ²) as assessed by the pull-off test.	Crack sealing or flexible systems designed for a traffic load of 1.5 N/mm ² .
Water vapor permeability (m)	5 ≤ SD ≤ 50 Class II
Thorough drying	72 seconds

The information presented in this technical data sheet is derived from experimental results. The responsibility for the proper application of our original product rests with the user. Our company is solely accountable for the product's quality. This data sheet supersedes the information provided in the previous version. Our company reserves the right to amend any information contained within this data sheet.

Advantages

- It does not deteriorate, disintegrate, or fracture.
- Due to its flexibility, it remains unaffected by abrupt temperature fluctuations.
- Due to its silicone content, it exhibits resistance to both water and frost.
- Perfect for areas that require rapid accessibility.
- Appropriate for application in underfloor heating systems.
- It offers water-repellent and antibacterial characteristics.
- Appropriate for application in regions with access to potable water.

Surface Preparation
 The surfaces designated for coating must be entirely clean and dry, devoid of residues such as oil, dirt, dust, and rust. Comprehensive cleaning is crucial to guarantee optimal adhesion.

Mixture
 20 kg of CLASS FLEKS FUGA powder is combined with 8–9 liters of clean water in a sanitized container and mixed for 3–4 minutes using a low-speed mixer or drill until the mixture is homogeneous and free of lumps. This blend is then allowed to mature for 5–10 minutes, mixed once more, and is ready for use.

Application Details
 CLASS FLEKS FUGA, once prepared for application, should be applied to the joints using a hard rubber trowel or a hard rubber-tipped squeegee. This process involves first creating parallel lines, followed by diagonal strokes. Any excess filler on the surface of the coating material should be removed with a wet spatula, taking care not to damage the mortar within the joints. After allowing 15–30 minutes for the filler to set, the thin layer of mortar remaining on the surface should be wiped clean with a damp sponge or cloth. Surface cleaning and smoothing should be performed with a dry cloth (such as a rag) while the mortar remains wet.



Consumption

Consumption Amount Table (g/m ²) (joint depth considered as 10 mm)			
Ceramic Dimensions	3 mm	4 mm	6 mm
30x60 cm	220	290	440
60x60 cm	165	220	330
60x120 cm	110	145	220



PACKAGING

Kraft bags available in 2 KG, 5 KG, and 20 KG sizes.



Shelf life

In its unopened packaging, it can be stored for 12 months in a cool, dry location, shielded from sunlight, at temperatures ranging from +10°C to +25°C.



Attention

Avoid applications when the ambient temperature is below +5°C or above +30°C. Do not apply in direct sunlight, rain, or wind. Refrain from applying on surfaces that have been exposed to sunlight for extended periods, are frozen, or are at risk of freezing within 24 hours.

R10: Keep away from children.

R20/22: Harmful if inhaled or ingested.

R52/53: Toxic to aquatic life; may result in long-term detrimental effects in the aquatic ecosystem.

R65: Harmful. May result in lung damage if ingested.

S7: Store in a securely sealed container.

S24/25: Avoid contact with eyes and skin. S28: In the event of skin contact, rinse immediately with ample water.

S29: Do not release into the sewage system.

S46: If ingested, seek medical attention promptly and present the container or label.

LEGAL NOTICE

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