

CLASS FLEKS FUGA

POOL Flexible Silicone Pool Grout



BENZKIM



Product Overview

High-performance, cement-based, flexible grout designed for joint gaps of 1–6 mm and resistant to pool chemicals.



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,

In humid environments such as swimming pools, water tanks, saunas, hot springs, and bathrooms



Technical Specifications

Density (25°C, g/mL)	1,40 ± 0,10
pH (25°C)	7.0 – 9.0
Bending Strength	≥ 2,5 N/mm ²
Compressive strength following freeze-thaw cycles.	≥ 2,5 N/mm ²
Abrasion Resistance	≤ 1000 mm ³
Shrinkage	≤ 3 mm/m
Sun We are not	30 min./ 4 seconds ≤ 2 g / ≤ 5 g
Thorough drying	24 hours

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 exhibits resistance to pool chemicals.
- Appropriate for application in drinking water reservoirs.
- It possesses significant flexibility.
- It exhibits resistance to freeze-thaw cycles.
- It exhibits minimal water absorption.
- It will not fracture. It offers a seamless surface.
- It is resistant to wear.
- It facilitates rapid healing, enabling the space to be utilized without delay.
- UV and weather-resistant.



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

The 20 kg of CLASS FLEKS FUGA POOL powder is combined with 5.8–6.4 liters of clean water in a clean 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 again, and is ready for use.



Application Details

The ready-to-use CLASS FLEKS FUGA POOL should be applied to the joints using a hard rubber-based joint spreading trowel or a hard rubber-tipped squeegee. This procedure involves initially pulling parallel lines, followed by diagonal lines. Any excess filler material on the surface should be removed with a wet spatula, taking care not to damage the mortar in the joints. After allowing 15–30 minutes for the material to set, the thin layer of mortar remaining on the surface should be cleaned 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	120-180	180-230	250-350
60x60 cm	100	200-300	200-300
60x120 cm	80-120	120-180	150-220



PACKAGING

20 kg Kraft bag



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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