

Alsifill FS

Mineral grout for slurry grouting of ceramic claddings in
alsecco façade systems

AREAS OF APPLICATION

Grouting of non-absorbent, smooth ceramic claddings using the slurry grouting method.

PRODUCT PROPERTIES

- CG 2 A according to DIN EN 13888
- Weather-resistant
- Frost-resistant
- Resistant to driving rain.
- Water-repellent
- Minimal shrinkage deformation
- Permeable
- Can be easily washed off on the ceramic surface
- Highly suitable for use with ETICS

TECHNICAL DATA

Binder base	Mineral binding agent according to DIN EN 197-1 with special additives
Fresh mortar density	approx. 1,95 g/cm ³ according to DIN EN 1015-6
Fire behavior	A1 according to DIN EN 13501-1
Thermal conductivity	≤ 0,82 W/(m*K) for P=50% according to DIN EN 1745 ≤ 0,89 W/(m*K) for P=90% according to DIN EN 1745
Compressive strength	≥ 15 N/mm ² according to DIN EN 12808
Bending tensile strength	≥ 2,50 N/mm ² according to DIN EN 12808

GENERAL INFORMATION

The characteristic values shown are mean or approximate values. Since natural raw materials are used in our products, the specified values may be subject to slight variation for individual consignments, but will not compromise the products' serviceability.

APPLICATION INSTRUCTIONS

Preparation	<p>Joint edges must be kept free of residues that reduce adhesion.</p> <p>Ensure uniform joint depth (6 mm – 15 mm) and joint width (5 mm – 15 mm) depending on the ceramic used.</p> <p>The scaffolding should be covered to protect the joint from weathering.</p> <p>Grouting mortar may stick to ceramics with slightly porous, matt or irregular surfaces. We therefore recommend applying a test surface if in doubt.</p>
Substrate pre-treatment	<p>The laying mortar must be set and thoroughly dried at the time of grouting.</p> <p>The substrate must be even, have a closed surface and be free of adhesion-reducing residues. Remove loose mortar residues.</p> <p>It is important to ensure that the substrate and the joint flanks have an even absorbency. Pre-wet absorbent substrates, remove standing water before grouting.</p>
Mixing	<p>25 kg material (one bag) in approx. 4,0 - 5,0 l of water.</p> <p>Always use only clear tap water for mixing. Always make use of exactly the same amount of water in relation to the amount of powder to avoid any colour deviations.</p> <p>Mix with a slow-running stirrer until a homogeneous mass with a uniform colour tone is achieved.</p> <p>Mix again after approx. 3 minutes.</p> <p>In order to ensure even colouring, especially in the case of strongly pigmented or dark grout colours, it must be ensured that homogeneous mixing, the correct and constant quantity of mixing water and the curing time are observed.</p> <p>The mixed mortar can be processed for about 25 minutes at approx. 20 °C. Higher temperatures reduce the working time, lower temperatures extend it.</p> <p>Do not mix more material than can be processed within 25 minutes.</p> <p>Once the material has set, do not mix it with water to make it workable, as this will result in setting problems.</p>
Application	<p>Apply the grout to the prepared joints with jointing rubber or sponge board. Ensure that the joints are completely filled.</p> <p>Remove coarser grout residues on the ceramic before it dries.</p> <p>Once the grout has set, wash the surface with a sponge board to remove any haze. When doing so, make sure that the joints are not washed with too much water. Change the washing water in time.</p> <p>Cleaning and care: Remove dirt, haze, residues on the ceramic surface using suitable cleaning agents, no earlier than after 10 days.</p> <p>Follow the instructions of the cleaning agent manufacturer. (seek advice if necessary)</p> <p>When using haze removers or other mostly acidic cleaners, changes in the colour of the joint may occur. Generally perform cleaning tests in inconspicuous locations and assess them first before working on larger areas. The warranty of the product may become void in the event of incorrect or improper cleaning. (seek advice, if necessary)</p>

Consumption	approx. 2 - 5 kg/m ² These values represent standard values. Perform a test application to determine the exact consumption depending on the format of the ceramic, the joint width and its depth.
Weather conditions	The material, substrate and air temperatures cannot fall below +5°C or exceed +30°C during application and drying. Do not process under direct sunlight or on heated surfaces. Protect the grouted surface from direct sunlight. The finished surfaces must be subsequently treated and protected from drying out too quickly. In case of doubt, rewetting with clean water will promote a more even hardening process. In the first few days, depending on the weather conditions, regularly "fog" the finished jointing with a suitable device.
Cleaning of tools	In a fresh state with water. In a dry state with tile and brick cleaner.

STORAGE

Minimum storage life of 9 months if kept dry, protected against moisture, cool and in original sealed packaging.

PACKAGING INFORMATION

Information	Use material from one batch number for contiguous surfaces. Natural colour shifts and colour variations are possible when mixing batches and under different drying conditions. A high level of substrate moisture or severely varying absorptive capacity of the substrate and tile edges can cause colour differences. Non-homogeneous material, fluctuating quantities of mixing water and non-compliance with the maturing time can - in particular for strongly pigmented or dark joint colours - lead to a contrast in colour. Unwashed aggregates in the thick bed mortar or other contamination of adjacent components, in mixing or washing water, can cause colour changes.
Colour	Grey Light grey Medium grey Beige Special colours upon request
Packaging unit	Paper sack approx. 25 kg net

OTHER INFORMATION

Information on safety	The information provided in the current safety data sheet applies.
Transportation	Not a hazardous material
Plaster code	ZP1 cement-based products, low in chromate

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The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.



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