



FM FS 1.0

- Joint Grout -

Grout for brick pointing

Colour	Availability
	Quantity per pallet 42
	Size / Quantity 25 kg
	Type of container PE bag
	Container code 25
	Art. no.
grey-olive 25-1	0435 ■
special colours	0437 ■
Adjustable according to submitted sample (stone, existing mortar), colour shade no., colour card, NCS etc. Different grain sizes of the same article can lead to slight deviations in the colour.	

Application rate



The brick grout pointing method contains the following system components:

- Pre-impregnation: approx. 0.6 l/m² (Funcosil SNL)
- Grout pointing: approx. 3.0 kg/m²
- Post-impregnation: approx. 0.4 l/m²

Apply to a large enough trial area to determine the precise amount required.

Range of use



- Repair of joints in brick/clinker facades in the facade slurry system

Property profile

- Water vapour diffusion capable
- High sulphate resistance and low active alkali content (SR/NA)
- Especially good flank adhesion
- Suitable for narrow joints
- Good resistance to weathering
- Special colours (UV-resistant pigments) available

Characteristic data of the product

Bulk density	Approx. 1.5 kg/l
Compressive strength class	> M10
Water requirement	Approx. 17% or 4.3 l/25 kg
Capillary water uptake	< 0.1 kg/m ² h ^{0.5}
Water vapour permeability	< 200
Flexural strength	Approx. 5.0 N/mm ²
Maximum grain size	≤ 1 mm
Final set	Approx. 4 hours
Adhesive pull strength	> 1 N/mm ²

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- [Expert opinion on outdoor weathering after 16 and 20 years_TU Hamburg-Harburg](#)

Possible system products

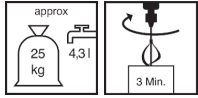
- [Funcosil SNL \(0602\)](#)
- [Clean FP \(0666\)](#)
- [Clean AC ^{\[basic\]} \(0672\)](#)
- [Funcosil FC \(0711\)](#)
- [Selectmix RMS \(6752\)](#)



Preparation

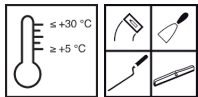
- **Substrate requirements**
Clean, dust-free and capable of supporting a load.
- **Substrate preparation**
Joint depth min. 2 mm, max. 10 mm

Production of the mixture



- **Mixing**
Pour water into a clean container and add dry mortar.
Mix thoroughly for approximately 3 minutes until the proper consistency for working has been achieved.

Directions



- **Conditions for use**
Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C.
Low temperatures increase, while high temperatures decrease the working and setting time.
- **Working time (+20 °C)**
Approx. 2 hours

Chase out destroyed brick and joints, replace them and level any deep-set joints.
When using for laying bricks and levelling surfaces, mix jointing slurries with Selectmix RMS in a ration of 1:1.
Only mix as much mortar as can be used within approx. 2 hours.
Using a black plasterer's float, apply the slurry over the entire surface area and press into the joints.
Level off sharply and remove excess material.
Use a red or yellow sponge float to compact and level off the slurry.
Without waiting, rub the surfaces with the sponge float attached to the cleaner unit, removing the excess.
Then clean once with clean water, before changing the water and cleaning again.

Tips on use

The method must be adapted to suit the specific conditions of the project (set up a trial area).
Keep the amount of water used for cleaning to a minimum.
Always use clean water for the final cleaning process.
Wait until at least the next day to clean again using Combi WR.
Waiting time between cleaning and preliminary impregnation: at least 3 rain-free days.
Waiting time between preliminary impregnation and pointing: at least 5 days.
Waiting time between pointing and reimpregnation: at least 8 days.
Once it has hardened, mortar must not be made workable again by adding either water or more wet mortar.
The type and duration of the reworking and surface treatment will influence the colour.
Slight deviations in colour between different batches are possible.
Protect wet mortar surfaces against frost, rain and drying out too quickly for at least 4 days.

Notes

Not suitable for grained or sanded brick, hand-moulded bricks or bricks with a textured surface.
May contain traces of pyrite (iron sulphide).
The characteristic data of the product were calculated under laboratory conditions at 20°C and 65% relative humidity.
Do not use on gypsum-based substrates.
Low chromate content in accordance with Directive 2003/53/EC.
The mixing water must be of drinking water quality.
Special colour according to colour number (MF no., colour swatches, NCS etc.) or submitted sample (in the case of changing or alternating colours, clearly mark the desired colour).
The colour that is obtained after drying and hardening depends on the ambient conditions and the processing method. For instance, a freshly smoothed surface will be lighter than one that is smoothed later or roughened.
Different grain sizes of the same product may lead to slight differences in colour. Substrates soaked from the back may cause discolouration.
Always set up a trial area/trial areas first.
Current regulations and legal requirements must be taken into account and deviations from these must be agreed separately.
The relevant test certificates must be observed when planning and carrying out work.

Tools / Cleaning



Mixer, trowel, smoothing trowel, foam rubber scraper, sprayer (solvent-resistant design, 404001), mobile cleaner
Clean tools with water while the material is still fresh.

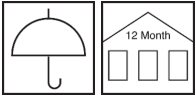
- Remmers tools**
- **Mischgefäß (4030)**
 - **Collomix® Stirrer KR (4292)**
 - **Waschboy-Set (4978)**
 - **Reibebrett schwarz (4979)**
 - **Schwambrett rot (4935)**
 - **Schwambrett gelb (4936)**
 - **Viskose Reinigungsschwamm (4133)**



➤ Heizkörperpinsel (4541)

Storage / Shelf life

If stored in an unopened container and in a dry place, the product will keep for approx. 12 months.



Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

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be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.