



Technical Data Sheet Art. No. 0435, 0437

Joint Grout

Grout for pointing bricks
Hydraulic binders and natural mineral aggregates



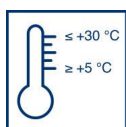
For use out-
doors



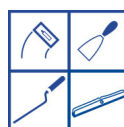
Dry mortar /
water



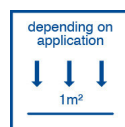
Mixing time



Working
temperature



Mortar cover
Trowel / Joints
/ Squeegee



Application
rate depending
on application



Shelf-life



Protect from
moisture!

Range of use

Remmers Joint Grout is used to repair joints in brick and clinker facades in the Remmers Facade Grout System with simultaneous hydrophobization of the facade. It is not suitable for scarred and/or sanded brick, hand-formed brick and brick with a textured surface!

Property profile

Remmers Joint Grout is a factory-mixed, cement bound repair system.

The grout is durable, has good frost resistance and is water vapour permeable and abrasion resistant. Does not contain any corrosion promoting substances.

Joint Grout grey (Art. No. 0435)

is a special grout with high sulphate resistance and a low, active alkali content.

Joint grout color (Art. No. 0437)

can be matched on the basis of colour samples.

Trial surface

It is essential that a trial area at

Characteristic data of the product

| | |
|---|--|
| Bulk density (DIN 1060): | approx. 1.5 kg/l |
| Water requirements | approx. 17 % |
| Largest grain: | ≤ 1 mm |
| Commencement of setting (EN 196): | approx. 4 hours. |
| Working time: | approx. 2 hours. |
| Tensile bending strength: | approx. 5.0 N/mm ² |
| Compressive strength after 7 days | approx. 15 N/mm ² |
| after 28 days: | approx. 20 N/mm ² |
| Adhesive pull strength: | ≥ 1 N/mm ² |
| Capillary water absorption: | ≤ 0.1 kg/m ² h ^{0.5} |
| Water vapour diffusion coefficient μ : | < 200 |

least 1 m² is set up to determine whether the colour, look of the joint, strength and/or adhesion to the sides of the joint and reduced water absorption meets requirements. The trial surface is to be documented, e.g. date, material, application rate, weather, temperature, water absorption with a test plate or test tube before/after which serves as a reference surface.

Substrate

All joints should be covered by a layer of at least 2 mm (at a lower thickness the old mortar joint might

become visible in some spots) and lie back or be weathered down at most 10 mm deep.

Clean the surfaces of the facade, remove all loose material with a high pressure steam cleaner and, if necessary, the use of cleaning agents (Facade Cleaning Paste, Art. No. 0666, or Remmers AC Clinker Cleaner, Art. No. 0672). Start with the most gentle procedure.

Make sure that the least possible quantity of water enters the facade. Chisel out damaged bricks and joints; replace and fill deeper

lying joints with Remmers Joint Grout. For bricking up and filling joints, mix Joint Grout with Selectmix 25 (Art. No. 4047) in a ratio of 1:1.

After cleaning, **wait at least 3 days without rain before executing preliminary impregnation.**

Directions

Pour **approx. 4.3 l of water** into a clean container (mortar tub), then add **25 kg Joint Grout**. Mix thoroughly with a mixer/drill and paddle for approx. 3 minutes until the proper consistence for working has been achieved.

■ Preliminary impregnation with Funcosil SNL in a flow coating procedure

Before impregnation the brick masonry work must be dry. There should be no spots of moisture. Parts of the facade in which water has penetrated for years require longer drying times. The sides of joints in particular but also deeper lying joint mortar areas are made water repelling by preliminary impregnation. This considerably improves durability and increases the service life of the brick grout pointing. **Waiting time before applying Joint Grout is at least 4 days.**

■ Application technique

The grout is applied to the entire surface with a rubber coated float and pressed into the joints. By levelling sharply afterwards, excess grout is removed. The grout is compacted and levelled with the red sponge float which ensures good adhesion to the sides of the joints.

■ Special advantage:

The special advantage of this technique is that even narrow joints are filled.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.

■ Cleaning technique

Surfaces are pre-cleaned immediately after levelling with a yellow, slit sponge float (drawing the float diagonally). The grouted facade is cleaned properly after the grout no longer gives off cement paste (in the early stage of the setting process, approx. 30 to 60 min. after the grout was applied). Use the least amount of water possible when cleaning to prevent lime from being washed out, particularly in the case of intensive colours. The final washing operation should always be carried out with clean water. Protect the surfaces from strong sunlight and early rain.

Waiting time until the surfaces can be impregnated again is at least 8 days.

■ Subsequent impregnation with Funcosil SNL

After the facade has dried, the entire surface is impregnated again. This makes the joints and the bricks uniformly water repelling.

Notes

Initially set mortar cannot be made workable again by adding water or fresh mortar. Do not use if the temperature of the air, substrate and building material is below +5 °C or above +30 °C.

The characteristic data given for this product were determined under laboratory conditions at 20 °C and 65 % relative humidity. Low temperatures lengthen, high temperatures reduce working and setting time.

May contain traces of pyrite (iron sulphide).

Do not use on gypsum substrates; use only material with the same batch number.

Protect Joint Grout from the influence of weather such as frost, driving rain and sunlight until sufficiently hardened.

Possible system products

- Funcosil SNL (0602)
- Facade Cleaner Paste (0666)
- Clinker Cleaner AC (0672)
- Selectmix 25 (4047)

Tools, cleaning

Float with foam rubber sponge, K-Surface Sprayer (solvent resistant version), Washboy Set
Clean tools with water while the material is still fresh.

Packaging, application rate, shelf-life

Packaging:

25 kg paper bags

Colours:

grey (inherent colour):

Art. No. 0435

special colours:

Art. No. 0437

Dry mortar-Application rate:

The procedure consists of the following system components:

- Preliminary impregnation: approx. 0.6 l/m²
- Grout pointing: approx. 3.0 kg/m²
- Subsequent impregnation: approx. 0.4 l/m²

Shelf-life:

At least 12 months stored dry in closed bags

Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet.



remmers

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