

## Facing-tile grout RFS

**Special jointing mortar for grouting the ceramic facing tiles in the LOBATHERM facing-tile system after the tiles have been fixed. MG III. Water-repellent. Coloured.**

### Technical information

Mortar class in accordance with DIN EN 998-2:	M 10 in acc. with DIN EN 998-2 NM III in acc. with DIN V 18580
Mortar group III in acc. with DIN V 18580:	
Compressive strength:	> 10 N/mm <sup>2</sup>
Grain size:	0 - 1 mm
Processing time:	at 20°C up to 1 hour
Processing temperature:	> + 5°C
Consistency:	earth-moist to slightly plastic
Water required:	approximately 2.8 - 3.0 litres to every 25 kg
Yield:	approximately 15 l from 25 kg
Storage:	store appropriately in dry conditions
Delivery form:	25 kg sack
Colours:	cement grey (RFS/gr), beige-white (RFS/bw), grey-white (RFS/gw)

### Properties:

- weatherproof
- frost resistant after hardening
- water-repellent
- very smooth and flexible
- good bonding at the edges

### Applications:

- particularly for use in the LOBATHERM facing-tile thermal insulation composite system (see also the system brochure).
- for outdoor and indoor grouting works with stone materials of all types and with unglazed tiles, panels or facing tiles
- with an earth-moist to slightly plastic consistency, apply using a jointing trowel

### Quality and safety:

- LOBATHERM system product
- Mortar group NM III in acc. with DIN V 18580, M 10 in acc. with DIN EN 998-2
- high quality bonding agent in accordance with DIN EN 197
- favourable composition of aggregates
- coloured grouts incorporate inorganic pigments that are weather-resistant, lightfast and stable in cement
- quality controlled
- low chromate in accordance with TRGS 613

**Subsurface:**

The adhesive bed made of RKS facing-tile adhesive mortar must be completely hardened and at least 2 weeks old. The joints must be scraped out at least to the depth of the facing tiles leaving clean edges. Cleaning and sufficient pre-wetting are necessary to achieve a compact and strong friction bond. If the conditions are unfavourable (e.g. high temperatures, strong draughts, very absorbent bricks/mortar), the network of joints must be thoroughly wetted before applying the grout.

**Processing:**

The grout is mixed with approximately 2.8 – 3.0 litres of water to an earth-moist to slightly plastic working consistency. Do not add more water during the grouting procedure, since this could result in differences in colour. Do not add any further components to the mortar. The mixed mortar must be used within approx. 1 hour after mixing. For normal joint depths, the grout is applied in two layers, wet-in-wet, and compacted by pressing firmly in to the joints. Even and consistent grouting is the key to achieving a uniform colour.

The fresh mortar joints must be protected from frost, draughts, driving rain and direct sunlight. (If necessary cover with plastic sheeting.) An optimum after-treatment can be achieved by keeping the joints moist to prevent premature drying/water loss. Do not carry out grouting works at air and surface temperatures below + 5°C.

**Yield:**

When mixed correctly, 25 kilograms of dry mortar produce approximately 15 litres of mortar, ready to use.

**Quantities required:**

From experience, for 1 m <sup>2</sup> (without wastage):	
NF Format	approx. 5 kg
DF Format	approx. 7.5 kg

Advice: These values correspond to a joint depth of 15 mm.

**Storage:**

Store appropriately in dry conditions.

**Delivery form:**

25 kg sack

Colours: cement grey (RFS/gr), beige-white (RFS/bw),  
grey-white (RFS/gw)

**Advice:**

This product contains cement and produces an alkaline reaction when it comes into contact with moisture/water. Therefore ensure that skin and eyes are protected. If it should come into contact with the skin or eyes, rinse them thoroughly with water. See a doctor immediately if it comes into contact with the eyes. See also the information printed on the sack.



The information provided is based on extensive tests and practical experience. It does not apply to every application situation. For this reason we recommend that you carry out a trial if necessary. Subject to technical alterations within the framework of further development. Our general terms and conditions apply.

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Further information is available from:  
**quick-mix Gruppe GmbH & Co. KG**  
**Mühlenschweg 6, 49090 Osnabrück, Germany**  
**Tel. 0541/601-01, Fax 0541/601-853**  
**info@quick-mix.de, www.quick-mix.de**