

Canalisation and Shaft Mortar SBM

Special construction mortar for highly demanding canalisation, shaft and sewer structures. Grading: 0 - 4 mm. MG III.

Technical Data:	
Mortar class according to DIN EN 998-2:	M10
Mortar group according to DIN V 18 580:	NM III
Compression strength:	> 10 N/mm ²
Grain size:	0 – 4 mm
Processing time	approx. 2 hours
Processing temperature:	> + 5°C and < + 30°C, observe the processing instructions
Water requirement:	Approx. 4 l per 40 kg
Yield:	Approx 24 l per 40 kg
Storage:	Store in dry and appropriate conditions.
Type of delivery:	40-kg-sack

Properties:

- High chemical resistance, especially to sulphates
- Good granulometric graduation in the filler and excellent interlayer adhesion and bonding to the brickwork makes for high joint impermeability
- Frost-resistant after setting
- Weatherproof Excellent non-sag properties due to special support granule
- Fresh mortar has good water retention

Application:

- For new buildings and restoration of canal and shaft walling
- Especially suited for the manufacture of sewer structures, sewer ducts and masoned sewer sections
- For bricklaying and plastering
- For touching up faults and cavities

Quality and Safety:

- Mortar class M10 according to DIN EN 998-2
- Mortar group NM III according to DIN V 18580
- Sulphate-resisting cement as per DIN EN 197
- Mineral filler as per DIN EN 197
- Quality controlled
- Low in chromate as per TRGS 613

Processing:

Mix the contents of the sack (40 kg) with approx. 4 litres of water until the right consistency of mortar has been reached. The mixing can be done by hand or using a machine. The mortar should be used within 2 hours of mixing. Ensure that all butt and bed joints are completely filled with mortar and are free of cavities. Residual mortar will not break off. Gently strike these off using a trowel. Do not add any other materials. Setting times may be longer if mixed at low temperature.

Protect fresh masonry or freshly surfaced joints against unfavourable weather conditions as well as frost, draughts and direct sunlight (using sheeting or tarpaulin if necessary). Never perform facing work at ambient or stone temperatures of below +5°C.

Yield:

If mixed as prescribed, 40 kg of dry mortar will produce approx. 24 litres of wet mortar.

Consumption:

Canal clinker NF K und RF K: approx. 45 kg / m²
Canal clinker DF K: approx. 53 kg / m²
2DF stones (11.5 cm wall): approx. 33 kg / m²

Storage:

Store in dry and appropriate conditions.

Type of delivery:

40 kg sack

Important Note:

This product contains cement which may cause an alkaline reaction when coming into contact with moisture/water. Eyes and skin should therefore be protected at all times. Any parts that come into contact with the product should always be rinsed with water. Immediately consult a doctor if the product comes into contact with eyes. Please also observe the instructions printed on the sack.

Any and all declarations stated in this document have been made on the basis of extensive testing and practical experience. They are not transferable to every individual application. We therefore recommend that you perform application testing as and when necessary. Specifications are subject to amendment as a result of improvements and developments. Our General Terms of Business shall also apply.

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