

Cement mortar Z 01

Cement mortar for masonry work and plastering with particularly demanding loading conditions. For outdoor and indoor applications. Grain size 0 to 1 mm.

Technical information:	
Mortar class or mortar group:	M 10 in acc. with DIN EN 998-2 NM III in acc. with DIN V 18580 P III in acc. with DIN V 18550 GP CS IV acc. to DIN EN 998-1
Compressive strength:	> 10 N/mm ²
Grain size:	0 - 1 mm
Processing time:	approximately 2 hours
Processing temperature:	> + 5°C and < + 30°C, observe the instructions
Water required:	approximately 6 l to 40 kg
Yield:	approximately 27 l to 40 kg
Quantities for masonry work:	approx. 32 kg/m ² for 2DF bricks
Quantities for plastering work:	approx. 15 kg/m ² for a plaster thickness of 10 mm
Storage:	store appropriately in dry conditions
Delivery form:	40 kg sack

Properties:

- mineral
- adjusted water retention
- excellent bonding
- good workability
- frost-resistant and weatherproof after hardening
- high impact-resistance

Applications:

- for universal application both indoors and outdoors
- for masonry work, plastering and repairs with particularly heavy loading and/or demanding physical conditions
- for the construction of wall bases and walls below ground level
- for particularly impact-resistant, hard-wearing and weatherproof plaster surfaces

Quality and safety:

- high quality bonding agent in accordance with DIN EN 197
- mineral aggregates in accordance with DIN EN 12620
- tempered
- quality controlled
- low chromate in accordance with TRGS 613

Plastering base/subsurface

The plastering subsurface must be load-bearing, absorbent, dry, and free of dust, formwork release oil and other separating agents (if necessary, remove any loose material and clean). When assessing the subsurface, VOB/C, DIN 18350 Section 3, and the plastering standard DIN V 18550 must be observed.

Wet or spray the surfaces before applying the plaster. Smooth, highly-compressed concrete surfaces, precast ceilings, and wall elements must all be pretreated with quick-mix ZHB cement bonding bridge. Highly absorbent surfaces (such as aerated concrete) must be pretreated with ABS absorption barrier or HAGALITH AS absorption barrier. For masonry works, wet the bricks in advance if necessary, depending on their absorbency.

Processing:

Mix the contents of the sack (40 kg) with approximately 6 l of water. Add a little more water if required until a trowelling consistency is achieved. The mixed mortar must be used within 2 hours.

The fresh masonry work and/or plaster must be protected from very high and very low temperatures and from frost, draughts, direct sunlight and driving rain (by covering with a plastic sheet, for example). Do not carry out works at air and brick temperatures below +5°C.

Yield:

When mixed correctly, 40 kilograms of dry mortar produce approximately 27 litres of cement mortar, ready to use.

Quantities:

as masonry mortar: 2DF, wall width 11.5 cm, approx. 21 l/32 kg/m²
3DF, wall width 17.5 cm, approx. 29 l/45 kg/m²

as plastering mortar: approx. 15 kg per m² for an average layer thickness of 10 mm
approx. 22.5 kg per m² for an average layer thickness of 15 mm

Storage:

Store appropriately in dry conditions.

Delivery form:

40 kg sack

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.

Date of issue: January 2008

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