

# Strasser KM 80

Watertight flexible cementitious adhesive

## Field of Application

For the laying of all ceramic materials according to DIN EN 12004, with smooth and textured back (also for fine stones), natural and artificial stone plates in dry, wet and continuously wet areas, suitable for balconies, terraces, loggias, walls, in swimming pools and both indoors and outdoors.

## Characteristic

Strasser KM 80 flexible cementitious adhesive - watertight - is a hydraulic hardening, waterproof, flexible and stable thin layer masonry mortar on a mineral base.

## Composition

Strasser KM 80 flexible cementitious adhesive - watertight - is a factory-made dry mortar on a mineral base. Cementitious adhesive according to DIN EN 12004, meets C2 Euro-Norm specifications.

## Preparation underground

The following substrates are suitable: concrete areas, cement- and lime cement renders, cement screeds, heating screeds, Strasser'mix SP3 (renders and screeds), flowing screed Strasser'plan DBS 40, anhydride screeds, gypsum plaster and gypsum cardboard plates, foamed plates.

The substrate must be clean, firm, dust-free, strong and free of oil and grease or other residues. Prime strongly absorbing and gypsum bound substrates with Strasser'plus TG-C, roughen (e.g. sandblast) smooth concrete areas, grind and vacuum anhydride screeds, and prime with Strasser'plus TG-C. The remaining dampness in the substrate (anhydride screeds) must be <0,3 % after measurement with CM-equipment. Cement screeds must be dry and at least 28 days old. During the laying of tiles on heating screeds, the instruction sheets and DIN 4725 part 4 should be respected.

## Application

Strasser KM 80 Flexible cementitious adhesive mortar - watertight - mix lump-free with tap water in a clean container into a pasty mass with a stirrer. (approx. 6 litres of water for 25 kg of mortar powder) cementitious adhesive. Let it mature for approx. 5 minutes and stir again.

### Tile laying:

Spread the cementitious adhesive beforehand with a tile trowel (smooth side) and furrow subsequently. Put on only the amount of mortar that can be processed within the bond opening period. Lay the tiles and slabs in the cement bedding with a slightly pushing move and align them. Large slabs with a smooth back and natural stone slabs should be laid using the buttering floating process. When in doubt test cementations should be carried out or a technical advisor should be consulted.

### Required tile trowel:

The sides of ceramic slabs should not be longer than 60 cm for indoor use. Furthermore DIN EN 18157 part 1 must be regarded.

Side length in mm notch depth of the notch side of the tile trowel in mm

till 50 3

over 50 108 - 4

over 108 200 - 6

over 200 8 - 10

over 300 – 600 tile trowel with round 12mm notches

### Jointing:

Scrape the swelling mortar cleanly out of the joint areas. Immediately remove any stains that may form on the tile surfaces. For the jointing we can recommend the waterproof Strasser Strasser'joint FF01 - FF02.

For the wall joints we can recommend Strasser'joint fine for joint widths of 1-10 mm.

## Consumption

2,4 kg of dry mortar per m<sup>2</sup>



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## Technical data

|                         |   |
|-------------------------|---|
| Colour:                 | cement grey   |
| Processing temperature: | from +5°C to +25 °C   |
| Maturing time:          | minutes   |
| Curing time:            | 60 minutes  |
| Cementing time:         | 15 minutes depending on temperature and substrate                         |
| Walk over time:         | after at least 24 hours   |
| Joinable:               | after at least 24 hours and only after sufficient hardening of the mortar |

## Packaging

12 months. The material must be stored in absolutely dry surroundings.  
In paper sacks of 25 kg on Euro loan pallets.

## Special references

Strasser KM 80 Flexible cementitious adhesive - watertight - contains cement. This cement causes alkaline reactions in moist surroundings. Therefore skin irritations can occur and skin and eyes must be protected. Wash off immediately and thoroughly with water and soap in the event of skin irritations. Rinse immediately and thoroughly with water in case of contact with the eyes and consult a physician. Further information can be found in our safety data sheets.

Low chromate content according to TRGS 613