

CC Höganäs Building Mortars

Cement-based, dispersionmodified, flexible, two-component adhesive, FB 2000, for ceramic tiles



Product data
No. B 66400 Eng
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FB2000

FästMassa

Range

Product	Type	Packaging
FB 2000	Comp. A, Acrylic dispersion Comp. B, Cement	3.75 kg plastic bucket 15 kg sack

Quantity required

4–6 kg/m².

Product description

CC Höganäs FB 2000 is a self-curing adhesive, based on acrylic dispersion and cement. It consists of two components which are mixed in a mechanical mixer. The adhesive is flexible and can therefore resist limited movements in the base. FB 2000 is soluble in water before drying. Clean tools with water.

Technical data

Density	1600 kg/m ³
Min/max ambient temp.	+10°C to +25°C
Temperature range, dry	-20°C to +100°C
Compressive strength*	Appr. 15 MPa (Appr. 150 kp/cm ²)
Bending strength*	Appr. 7 MPa (appr. 70 kp/cm ²)
Adhesion to concrete*	Ca 1,5 MPa (ca 15 kp/cm ²)
Pot life	Appr. 1 hour after preparation

* Laboratory test.

Applications

Intended for thin bedding of ceramic tiles on floors and walls in both wet and dry in- and outdoor premises. FB 2000 is suitable for surfaces where the stresses are of such a kind that usual cement-based adhesives are not recommendable e.g at constructions with residual shrinkage and where big thermal movements are expected: large wall and floor areas, columns, balconier, facades etc.

For swimming-pools see special recommendation.

FB 2000 can be used on concrete, plaster and old ceramic tiles.

Concrete surfaces should be at least 1 month old. FB 2000 is specially intended for very densely sintered tiles.

Sub-floor

The surface must be free from dust, grease and form oil. The surface should have a flatness as a wood-floated concrete surface. Old ceramic tiles should be intact and the surface should be degreased.

Mixing

Mix 1 part by weight of comp. A with 4 part by weight of comp. B in a mechanical mixer. The temperature should be +10/+25°C.

Stir the mortar until a uniform and lump free paste is obtained.

No water is allowed to be added. Leave the mortar approx 5 minutes and stir again for 1 minute.

Pot life approx. 1 hour after preparation.

Instructions for use

Spread the mortar with a trowel or spreader, working it well into the surface. Then screed with a notched spreader held at right angles to the surface. Do not spread out more mortar than you can tile in approx. 10 minutes. Press the tiles firmly into place. To check adhesion, remove a few tiles immediately after fixing them. The backs should be completely covered with mortar. Take special care when bedding tiles with large profiles (studs or grooves) on the back. When tiling large size tiles $\geq 250 \times 250$ mm the back of the tile must be coated with a thin but fully covering layer of the adhesive prior to the tile being pressed or knocked into the previously applied adhesive (the so called buttering/floating method).

Adhesive that has squeezed out more than half the joint depth is scraped off. The surface can be grouted after 1-2 days.

Large floor areas should be sectioned into appr. 40 m² areas and have not more than appr. 6 m sides. The floor lining should be separated by movement joints from walls, columns, foundations etc. Large wall areas (storey high) should be sectioned with a vertical movement joint each 6 m. As movement joint use CC Höganäs Habenit 53.

Storage and transport

Store and transport in sealed packages.

Keep away from frost (comp. A acrylic dispersion) and moisture (comp. B cement). Contains iron sulphate additive to reduce hexavalent chromium. This additive remains active until 12 months after the packaging date if the product is stored according to the above recommendations.

Safety precautions

Causes burns when diluted. Harmful by inhalation, in contact with skin and if swallowed. May cause allergy (chrome eczema).

Contains quarts.

Keep out of reach of children. Avoid dusty operations and prolonged contact with the skin. Use protective gloves (plastic). If this product comes in contact with the skin, wash it off with soap and water. If cement comes in contact with the eyes, do not rub, rinse immediately with lots of water for 15 minutes and contact a doctor. If ingested, drink water immediately. Do not stimulate vomiting. Contact a doctor or a hospital immediately.