

CC Höganäs Building Mortars

Cement-based, plasticised adhesive, FB 1000,
for ceramic tiles, natural stone and large-size tiles



Product data
No. B 66150 Eng
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FB1000

FästBruk

Range

Product FB 1000	Packaging 25 kg sack	Intended for Ceramic tiles, natural stone and large-size tiles
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Quantity required

Type of tile	Floor	Blade/spreader
Large tiles ≥ 250 mm	7.0 kg/m ²	FB 89
Smooth back	5.0 kg/m ²	FB 123
Studded back	5.0 kg/m ²	FB 123
Ribbed back	5.0 kg/m ²	FB 123
For built-up per mm of surface area	1.75 kg/m ²	-

The above figures should be considered as guidelines and may vary depending on backing material and type of tile.

Product description

CC Höganäs FB 1000 is a cement-based plasticised adhesive for bonding ceramic tiles, natural stone, large-size tiles or very densely sintered tiles to floors in both dry and wet areas.

FB 1000 is supplied as a dry mix to which water should be added. Clean tools with water.

Technical data

Density	1750 kg/m ³
Compressive strength*	Appr. 15 MPa (Appr. 150 kp/cm ²)
Bending strength*	Appr. 6 MPa (Appr. 60 kp/cm ²)
Adhesion to concrete*	Appr. 1.2 MPa (Appr. 12 kp/cm ²)
Pot life	Appr. 4 hours

* Laboratory test.

Applications

For bonding ceramic tiles, natural stone, large-size tiles or very densely sintered tiles to floors in both dry and wet areas. FB 1000 can be built-up to a thickness of 15 mm, for example to form slopes in smaller areas. Suitable for exterior and interior use. Not suitable for thin glazed tiles or mosaics. Substrate surfaces can be dimensionally stable concrete or cement-based screeds.

Together with CC Höganäs industrial tiles, FB 1000 is suitable for floors which are subjected to heavy static and dynamic loads.

Preparation of surface

Substrate surface must be dry, clean, sound and free from dust, grease, oil, rust and similar. Water-soluble screed must be completely removed. Minor irregularities (up to 15 mm) can be smoothed out using FB 1000. During laying and for the following 2 days, the temperature of the substrate, adhesive and tiles must be above +10°C.

Preparation of mortar

Adhesive FB 1000 is mixed with water in proportion of about 1 kg powder to about 0.2 litres of water. Stir well. Allow adhesive to stand for approximately 10 minutes and stir again. The adhesive is now ready for use.

Bedding on floors

The adhesive is spread over the substrate with a trowel or steel float and thoroughly worked into the surface. The compound is then combed with a notched trowel which is held at right-angles to the surface. Press tiles firmly in place. For checking adhesion, a few tiles should be loosened immediately after laying. The back should be completely covered with adhesive. Pay particular attention to large-size tiles and tiles with deep profiles (studs) on the back. Adhesive that has squeezed out more than half the joint depth is scraped off. Allow at least 2–3 days before the tiled floors are walked on and grouted.

Storage and transport

Keep dry and unopened during storage and transport. Contains iron sulphate additive to reduce hexivalent chromium. This additive remains active until 15 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 quartz. 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 copious quantities 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.