

Applications

This type of mortar should be handled **ONLY** by persons who have received special training concerning its composition and application (see safety instructions on back page).

These instructions refer to laying of CC Höganäs tiles in CC Höganäs Habenit 46 mortar on a concrete subfloor.

Any necessary gradients towards drains and gulleys should be made in the subfloor, which must be of floated smoothness and thoroughly dry before work starts. Check the surface against the stated tolerances for curvature; there must be no reverse gradients. Measure the length and width of the surface and calculate the required number of courses, including joints, to avoid cutting and fitting as far as possible. A suitable joint width is 5-7 mm. Mark the courses out on a gauge float, which can be used during tiling. The mortar components must be mixed at a temperature of at least +15°C.

The bedding mortar will normally form a waterproof membrane, provided that care is taken to leave no gaps between strips or at junctions with walls, foundations, pipes, etc.

Tiling



1. The surface must be free from paint, grease, loose particles and dust. Sweep and vacuum clean the floor thoroughly before starting work.



2. Habenit 46 should be prepared according to the instructions on the package. Only whole portions should be mixed.

The components should be mixed in a mixing machine. Insufficient mixing has an adverse effect on the adhesion and the strength of the compound.



3. Spread the compound on the surface with a steel float or similar tool. The layer of compound should be 4–6 mm thick.



4. Even out the layer of compound with a trowel that generates a thickness of 4 mm. The compound should swell somewhat against walls and previously laid tile courses. The surface of the layer of compound should be free of holes and depressions.



5. Lay out the tiles according to the markings on the gauge float. Press the tiles lightly into the adhesive compound. Use spacer blocks on the underside of the gauge float to keep it out of contact with the mortar.



6. The evenness of each newly laid surface should be carefully checked with a gauge float. If adjustment is necessary, a tile can be lifted with the aid of a bent nail. Tiles should be adjusted within 5 minutes after they have been laid. If the laying process is interrupted, excess adhesive compound along the edge of the tiles should be removed with a spatula or similar tool. The floor should be closed to traffic for about 24 hours, after which joints can be filled.

Tools and mixing vessels should be cleaned with water or a 50-50 mixture of water and alcohol before the compound has a chance to dry.

When working in chemical-resistant tanks and basins or similar, first an approx. 2 mm thick isolation should be done. Lining should then be done in a further 2–3 mm covering layer.

Safety precautions

Epoxy-based compound should be handled or applied **ONLY** by personnel who have received appropriate training regarding the product. Deliveries of large quantities include a special safety package which containing a list of safety precautions and an initial supply of plastic gloves, skin cream, skin-cleaning agent and fatty cream. This package is available on special order (product no. FB 130).

The main safety precautions include:

- Satisfactory ventilation of the work place.
- Work clothes should be fitted with woven-plastic arm- and knee-guards.
- Plastic gloves should be used.
- Cleaning facilities should be available at the work place.