Welcome to RECKLI – Your Expert for Perfect Architectural Concrete

Discover the efficiency of Grid Fix formliners for the production of high-quality precast concrete elements with a brick-faced surface.

With innovative Grid Fix formliners, bricks are fixed securely and precisely, allowing them to be cast directly into the concrete – without the risk of adhesion problems between layers and without additional effort for repointing.

Experience the difference in quality and simplicity.

Enhance your precast concrete production with Grid Fix formliners – for a perfect brick-facing surface!

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RECKLI®

Grid Fix

Production of Precast Concrete Elements with Ceramic Tile Cladding

1

The bricks are placed into the Grid Fix matrix. 3 mm high spacer ribs hold them securely in position.

2

To ensure a uniform overall appearance, the bricks should have minimal dimensional tolerances.

3

Edge details and corner elements can also be produced using this system.

4

The reinforcement is installed in the formwork in the same way as for standard precast elements.

It is important to use an internal vibrator to prevent the bricks from shifting.

5

Concrete is poured as usual. After the concrete has hardened, the element can be demoulded.

6

For an optimal exposed surface, the element is cleaned with a high-pressure washer to remove excess material.

! Notes

Grid Fix formliners are designed for the production of precast concrete elements with a brick-faced surface. During processing, the bricks are placed into the Grid Fix formliner and fixed by the 3 mm high spacer ribs of the formliner.

When selecting bricks, it is essential to choose products with the lowest possible dimensional tolerances. An internal vibrator must be used during casting, as the use of a vibrating table may cause the bricks to slip out of the formliner.

All standard formats are designed in accordance with DIN 4172 based on a construction module of 12.5 cm. The dimensional tolerances of the bricks used must be kept to a minimum.

As custom solutions, we also supply Grid Fix formliners for other brick formats, joint dimensions or bond patterns. In addition, we manufacture formliners according to customer specifications for inserting tiles, slabs, stoneware or glass blocks.

Brick format (cm)	Bond	Joint dimensions (mm)			Mould size (m) Bed joint × course height
		Head joint	Bed joint	Rib height	
5,2 × 24	½ Stein	10	10,5	3	1,50 × 1,00
7,1 × 24	½ Stein	10	12,3	3	1,50 × 1,00