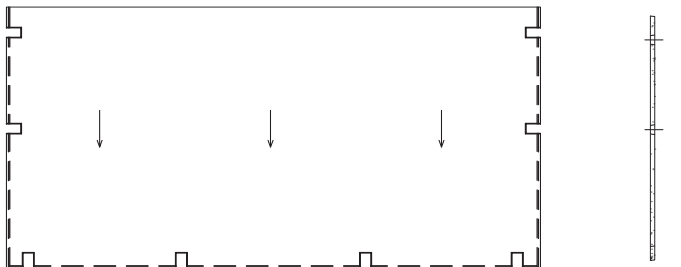
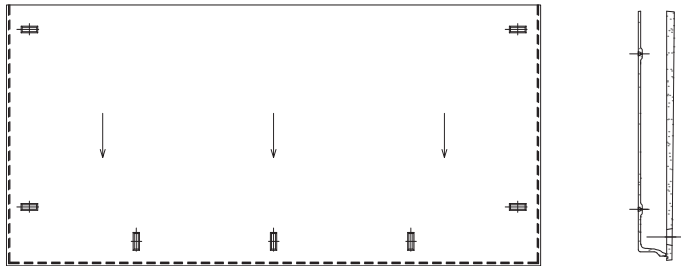


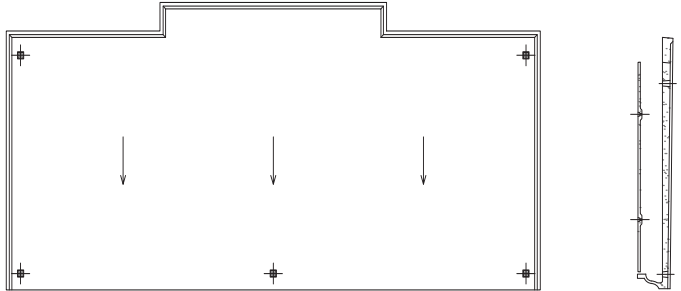
EXAMPLES



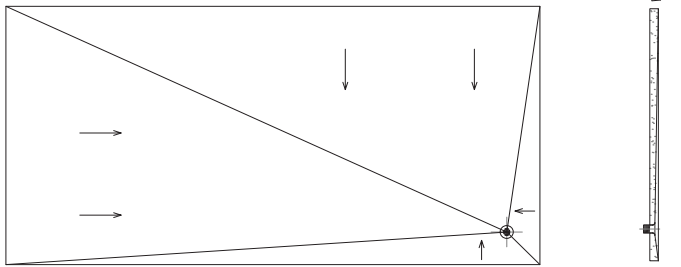
Flat element with recesses for balustrades. Drip groove on three sides. Drop is built up in substrates.



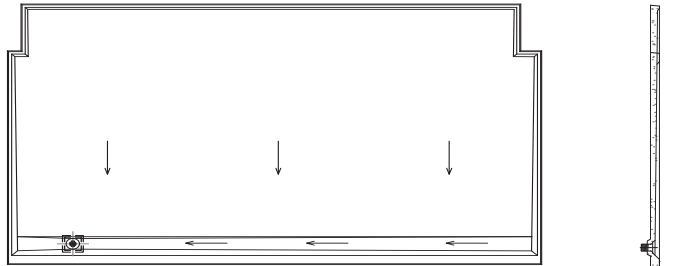
Element drop towards front edge and drip groove on three sides. Mounted on horizontal surface. Ceiling element shown with profiled edges.



Element with drop towards front edge. Elevated sides for better water control. Front edge and sides are profiled. Mounted on a horizontal surface. Flat ceiling element.



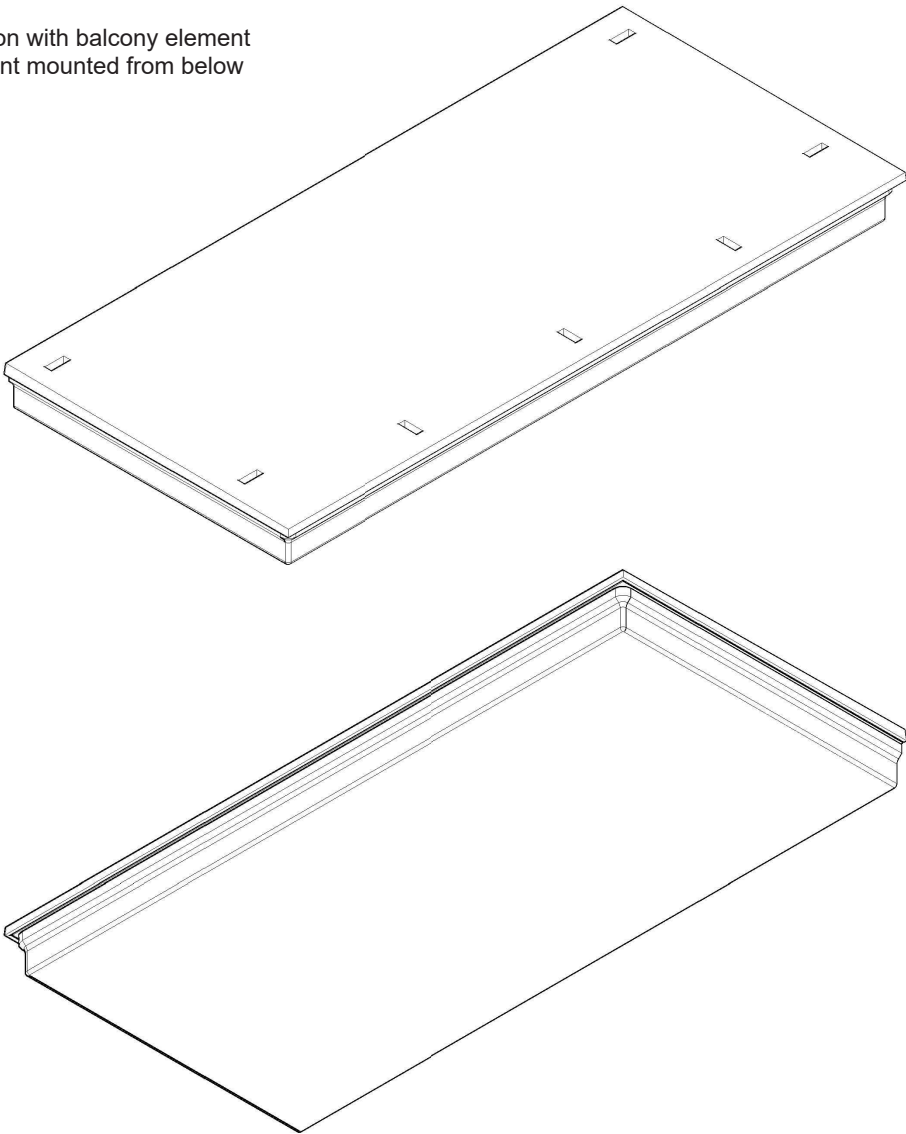
Element with envelope drop towards embedded drain. Mounted on a horizontal surface.



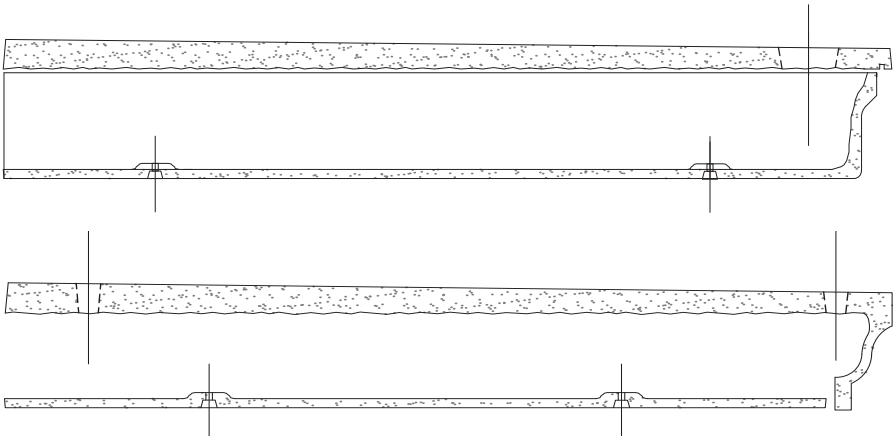
Elements with drop towards water gutter. Water gutter slopes towards embedded drain. Mounted on a horizontal surface.

BALCONY ELEMENT WITH CEILING ELEMENT

Example of solution with balcony element with ceiling element mounted from below



POSSIBLE SOLUTIONS TO CONCEAL FRONT EDGE



BALCONY ELEMENTS

Balcony elements from BB fiberbeton is a proven solution. We have many years of experience and have developed our own standard solutions. However, there are no standard products. The elements are made according to the project in individual design with details such as edges, recesses and cantilevers.

Balcony elements from BB fiberbeton are basically 27 mm thick for a free span of 600 mm for ordinary balcony loads. The supporting structure is usually a steel structure. In the case of elevated loads or cantilevers, our static calculators calculate the required thickness.

As shown in the examples, the entire construction is usually covered with a ceiling element with edges cover the supporting steel construction.

• GEOMETRY

In general, it is important to consider the dewatering of the surface. A reduction of 15 mm / m and no less than 10 mm / m must be sought. The examples presented can be combined to project needs.

• COLOR AND SURFACE

The balcony elements come with a non-slip pattern on the surface. Ceiling elements usually with our smooth, light matte concrete surface. Colour is usually light grey but can be adjusted to project needs. We are happy to provide samples.

• MOUNTING

Balcony elements must be mounted on min. 2 mm neoprene either as blocks of min. 60 x 60 mm or continuous bands. The elements can also be mounted on conductors of concrete, steel profiles or polystyrene using a mounting adhesive.

It is possible to mount the balcony elements to the supporting structure by drilling dbels from below or by gluing with mounting adhesive.

Ceiling elements must be mounted with max. cantilever of approx. 250 mm and max. distance between mounting points of 750 mm.

Ceiling elements are produced with recessed holes for mounting. BB fiberbeton provides GRC plugs for closing holes after mounting.