

BECO® Beam Shoe

For bolted beam-to-column connections

- Enables to create continuous precast beam system
- Quick, easy and cost-efficient erection of the beam
- No welding during assembly stage

BECO® Beam Shoes are construction products used to create cost-effective, moment-resisting connections between precast concrete columns and precast concrete beams.

The Beam-to-column Connection is made by Beam Shoes and Coupler Systems. The Beam Shoes are casted into precast concrete beams, while Anchoring Couplers are casted into columns. On the construction site the beams are erected on corbels, adjusted to the correct positions and fixed to the Anchoring Couplers with the help of threaded bars. The joint between beam and column should be grouted before loading the beam. After grout is hardened, the joint works as reinforced concrete structure.

BECO® Beam Shoes are used together with COPRA® Anchoring Couplers.

The BECO® Beam Shoe is designed according to Eurocode 2 and Eurocode 3.

