

# ROOCO® Column Shoe

## Reliable Bolted Column Connections

- Moment-resisting timber column connection in the erection and final stage
- Quick and easy erection of columns with minimal crane time
- No bracing during the erection stage
- Vertical and horizontal tolerance adjustment
- Standardized connection with precalculated resistances

ROOCO® Column Shoes are construction products that create cost-effective and moment-resisting connections between timber columns and foundations or between timber columns.

The column connection is made using column shoes and glued-in rods. Rods are glued inside a timber column bottom, and column shoes are attached to the bars with nuts. At the top of the timber column, rods are glued inside to facilitate a connection with another column. For connection with the foundation, anchor bolts are cast into the foundation.

On the construction site, the columns are erected onto anchor bolts or glue-in rods and adjusted to the correct position. Fixing is achieved by tightening nuts on the anchor bolts or glue-in rods. The joint between the column and the supporting structure can be grouted for a full load capacity of timber column connection or made as a dry connection.

The ROOCO® Column Shoe is designed according to Eurocodes or relevant local regulations as a steel part attached to the column.

