



The ADR Light Reinforced Angle Brackets are used to assemble "timber/concrete", "timber/masonry", "timber/steel" or "timber/timber" applications. The long hole in the angle bracket ADR6191 offers possible adjustability during the installation phase.



[UK-DoP-e06/0106](#), [ETA-06/0106](#)

FEATURES



Material

Steel

- S 250 GD +Z 275 acc. DIN EN 10346

Corrosion protection:

- 275 g/m² on both sides - correspond to a zinc layer of approx. 20 µm

Benefits

- The light reinforcing ensures to build sustainable, one or double sided "timber to timber" or "timber to concrete" applications.



APPLICATIONS

Suitable On

Supporting member:

- solid wood, engineered wood, concrete, steel, etc.

Supported member:

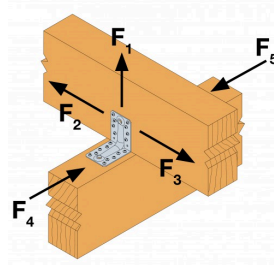
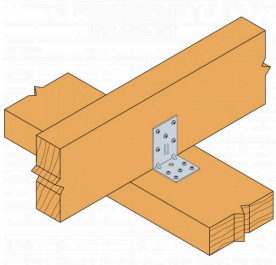
- solid wood, engineered wood

Scope

- Double- and single sided connections for rafters to beams or rafters to ring beams (concrete).

TECHNICAL DATA

Product capacities - beam to beam - maximum nailing

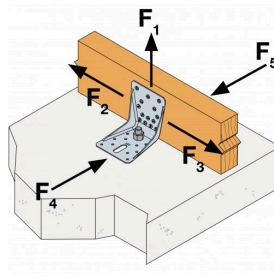
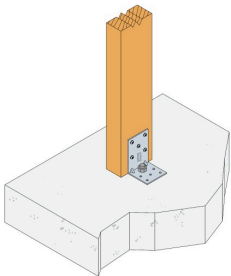


ADR6090
ADR6090L

Check

$$\frac{F_{i,d}}{R_{i,d}} \leq 1$$

Product capacities - timber to concrete



ADR6090
ADR6090L

* bolts e.g. **WA**, **BOAX II** or simultaneously, needs to be checked separately.

** load values for a load application point of **f = 20 mm**

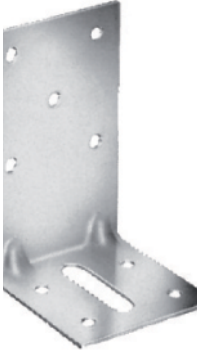
Check

For the Angle bracket needs to be checked:

$$\frac{F_{i,d}}{R_{i,d}} \leq 1$$

The check of the fasteners in concrete or steel needs to be done separately.

CHOOSE WELL YOUR REFERENCE



INSTALLATION

Fixing

- The fixing needs to be done with CNA4,0x l threaded nails or CSA5,0x l screws.
- For fixing on concrete M10 bolts needs to be used.

