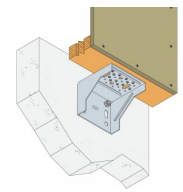
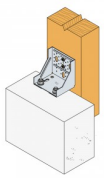
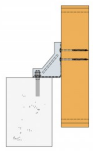
Technical data sheet

ACW - CONNECTOR FOR CURTAIN WALL







This connector was developed to be used with timber curtain wall on concrete floor. It can be used in several configuration depending on the installation. Its special shape allows it to take important load without any deformation.

UK-DoP-e06/0106

FEATURES

CL.2 | INDOOR | Z275

Product Material / Thickness:

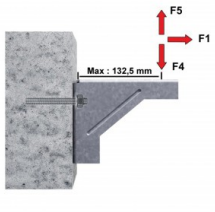
S250GD + Z275 in 2,5mm

Features & Benefits

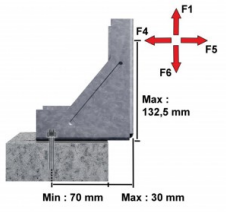
Multiple uses.

APPLICATIONS

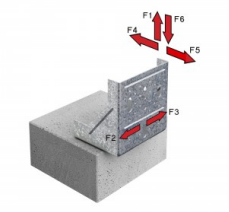
TECHNICAL DATA



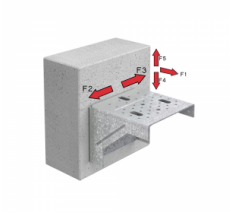
Load Direction



Load Direction

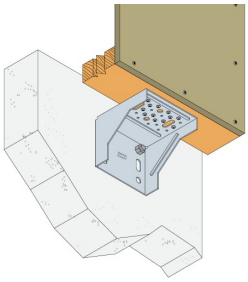


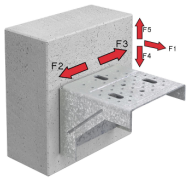
F1-F2-F3-F4-F5-F6 Force Directions



F1-F2-F3-F4-F5 Force Directions

Dimensions and characteristic values





ACW155

Please note that the loads given in this table are maximum loads. If the anchors don't resist to these loads, they will be reduced.
These capacities are valid with anchors in holes close to the bend
The capacities are given for timber element that can't rotate.

INSTALLATION

Fasteners

On concrete: 2 Throughbolt Ø12 or resin anchor + 2 threaded rod Ø12 (See bolt pattern)

Due to the high loads, the anchors resistance must be checked. The resistance of the ACW155 can be limited by the anchors.
On timber: 15 Nails CNA4.0x35 (see nail pattern) or bolt Ø10 or wood screw

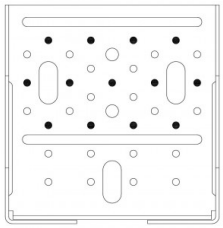
Timber Element

All the timber elements attached to the angle bracket, must be designed by a skilled person. The timber element must be checked for splitting, deformation, load capcity and other possible failure.

Timber Wall under connector in front of the floor

Timber Wall on connector in front of the floor

Timber Wall under connector in front of the floor



ACW - Nailing pattern on CLT wall