

Reinforced angle bracket ABR255 has been especially developed to fix CLT panels on wood or concrete support. Very versatile, it is particularly resistant to shear loads thanks to its optimized geometry.



[ETA-06/0106](#)

FEATURES



Material

- Galvanized steel S250GD + Z275 according to EN 10346
- Thickness 3 mm

Benefits

- Ideal for use in CLT buildings,
- Great versatility: can be installed on wooden support and concrete support,
- High performance for horizontal (F_2 / F_3) and vertical (F_1) loads directions.

APPLICATIONS

Suitable On

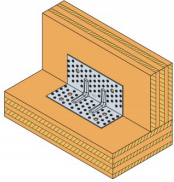
- Supporting member:** solid wood, glulam, CLT, concrete, steel...
- Supported member:** solid wood, glulam, CLT

Scope

- Solid panels,
- Cross laminated panel (CLT).

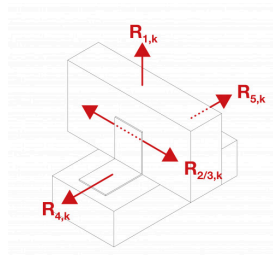
TECHNICAL DATA

Product dimensions



References	Product dimensions [mm]			
	A	B	C	t
ABR255	120	100	255	3

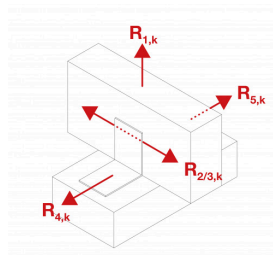
Product characteristic capacities - Timber to timber - 1 angle bracket - Full nailing - Nailing pattern 1



ABR255

The value in the table above can be used if the panel can't rotate.

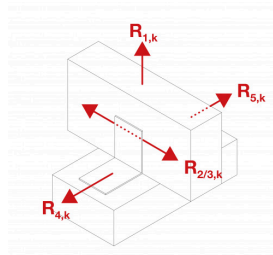
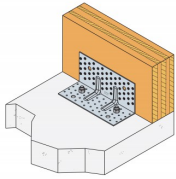
Product characteristic capacities - Timber to timber - 1 angle bracket - Partial nailing - Nailing pattern 2



ABR255

The value in the table above can be used if the panel can't rotate.

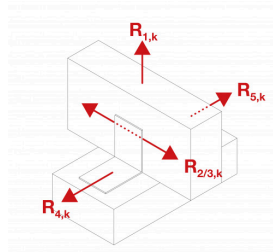
Product characteristic capacities - Timber to rigid support - 1 angle bracket - Full nailing - Nailing pattern 1



ABR255

The value in the table above can be used if the panel can't rotate.
The anchors must be checked separately using tension value of $1.1 \cdot F_1$, $1 \cdot F_2$ and $1.1 \cdot F_5$

Product characteristic capacities - Timber to rigid support - 1 angle bracket - Partial nailing - Nailing pattern 2



ABR255

The value in the table above can be used if the panel can't rotate.
The anchors must be checked separately using tension value of $1.1 \cdot F_1$, $1 \cdot F_2$ and $1.1 \cdot F_5$

INSTALLATION

Fasteners

On wood :

- CNA annular ring shank nails
- CSA screws

On concrete :

- Mechanical anchor: M12
- Chemical anchor: SET-XP or AT-HP resin + LMAS M12-150/35 threaded rod.

