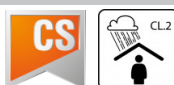


Reinforced angle bracket ABR255 has been especially developed to fix CLT panels on wood or concrete support. Very versatile, it is particularly resistant to shear loads thanks to its optimized geometry.



[ETA-06/0106](#)

FEATURES

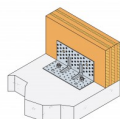
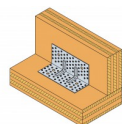


Material

- Galvanized steel S250GD + Z275 according to NF 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 (F2 / F3) and vertical (F1) loads directions.



APPLICATIONS

Suitable On

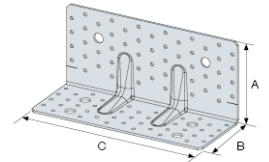
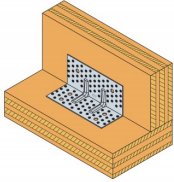
- **Supporting member:** solid wood, glulam, concrete, steel...
- **Supported member:** solid wood, glulam...

Scope

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

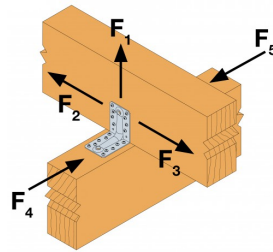
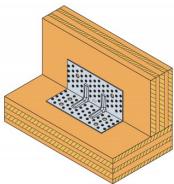
TECHNICAL DATA

Product Dimensions



References	Product Dimensions [mm]			
	A	B	C	Th.
ABR255	120	100	255	3

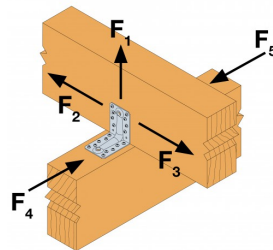
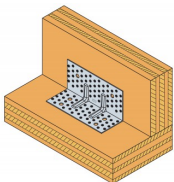
Timber to timber connexion with 1 bracket - Full nailing



ABR255

The values given in the table can only be used when the vertical part can't rotate.

Timber to timber connexion with 1 bracket - Partial nailing



ABR255

The values given in the table can only be used when the vertical part can't rotate.

Timber to concrete connexion with 1 bracket - Full nailing



ABR255

The values given in the table can only be used when the vertical part can't rotate.
The anchor capacities must be checked separately by multiplying the F1 load by a factor 1.1 and F2 load by a factor of 1.

Timber to concrete connexion with 1 bracket - Partial nailing



ABR255

The values given in the table can only be used when the vertical part can't rotate.
The anchor capacities must be checked separately by multiplying the F1 load by a factor 1.1 and F2 load by a factor of 1.

INSTALLATION

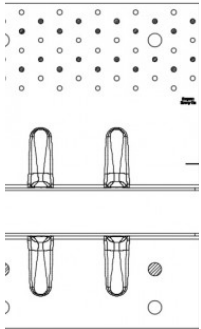
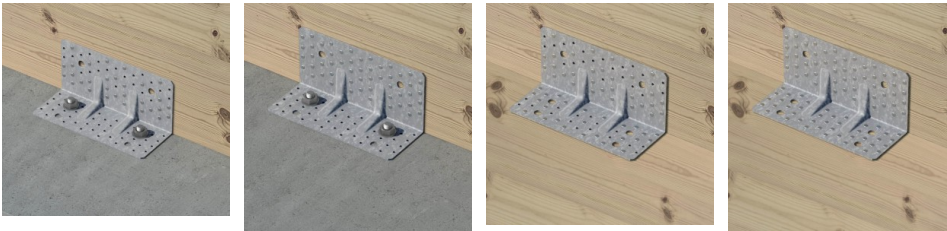
Fasteners

On wood :

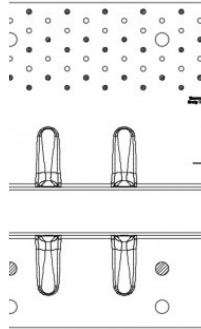
- CNA annular ring shank nails dia. 4.0 x 50 mm,
- CSA screws dia. 5.0 x 40 mm.

On concrete :

- Mechanical anchor: WA M12-104/5,
- Chemical anchor: AT-HP resin + LMAS M12-150/35 threaded rod.



ABR255 - Nail pattern 4



ABR255 - Nail pattern 8