



The AB255SSH angle bracket has been developed specifically for CLT construction.



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

## FEATURES



## Material

- Pre-galvanised mild steel.
- S250 GD + Z275 according to EN 10346

## Benefits

- Perfect for CLT building,
- Very fast installation
- Can be hidden in concrete screed



## APPLICATIONS

### Suitable On

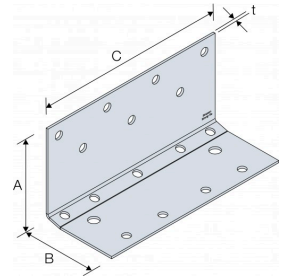
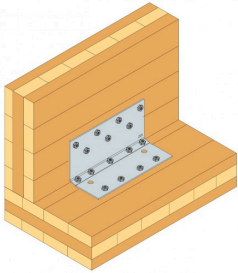
- **Supporting member:** solid wood, glued-laminated wood, CLT, etc.
- **Supported member:** solid wood, composite lumber, glued-laminated wood, CLT

### When to Use

- Solid timber panels,
- CLT panels.

## TECHNICAL DATA

### Product dimension



References	DB nr.	Product dimensions [mm]				Holes flange A	Holes flange B	
		A	B	C	t	Ø11 [mm]	Ø11 [mm]	Ø14 [mm]
AB255SSH	2121743	123	100	255	3	7	9	2

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

References	Product capacities - Timber to timber - Full nailing											
	Fasteners				Characteristic capacities - Timber C24 - 1 angle brackets per connection [kN]							
	Flange A		Flange B		R <sub>1,k</sub>				R <sub>2,k</sub> = R <sub>3,k</sub>			
	Qty	Type	Qty	Type	10.0x40	10.0x50	10.0x100	10.0x120	10.0x40	10.0x50	10.0x100	10.0x120
AB255SSH	7	SSH10.0xL	9	SSH10.0xL	8.56 * kmod <sup>0.25</sup>	19.3 * kmod <sup>0.12</sup>	26.36 * kmod <sup>0.09</sup>	42.6	17.4	24.7	35	42.6

The value in the table above can be used if the panel can't rotate.  
Values with other SSH lengths are available in ETA.

### Product characteristic capacities - Timber to timber - 1 angle bracket - Partial nailing

References	Product capacities - Timber to timber - Partial nailing											
	Fasteners				Characteristic capacities - Timber C24 - 1 angle brackets per connection [kN]							
	Flange A		Flange B		R <sub>1,k</sub>				R <sub>2,k</sub> = R <sub>3,k</sub>			
	Qty	Type	Qty	Type	10.0x40	10.0x50	10.0x100	10.0x120	10.0x40	10.0x50	10.0x100	10.0x120
AB255SSH	4	SSH10.0xL	5	SSH10.0xL	4.12 * kmod <sup>0.5</sup>	10.9 * kmod <sup>0.2</sup>	15.36 * kmod <sup>0.15</sup>	25.64 * kmod <sup>0.1</sup>	10.8	15.4	21.8	26.5

The value in the table above can be used if the panel can't rotate.  
Values with other SSH lengths are available in ETA.

## INSTALLATION

### Fasteners

#### On timber:

- SSH10.0xℓ (various length allowed, depending on the requested capacity)

### Installation

- Start with installing the horizontal and vertical SSH screws first, then install the skewed screws at an approximate 70° angle

