

# Technical data sheet



AB6983 / AB36125 / AB3560  
**AB6983 / AB36125**

These angles are used for anchoring and force transmission between the beams and the base plate.

## Features

### Material

#### Steel quality:

**S250GD + Z275 according to DIN EN10346**

#### Corrosion protection:

**275 g / m galvanized on both sides 20mm**

### Benefits

- **To connect to a wall in confined areas and achieving the appropriate distance from the edge of fasteners**
  - **joint at a distance from the wall elements**
  - **Connection perpendicular or parallel to the joists**
- applicable materials**
- **suitable for connections wood-wood, concrete, steel**

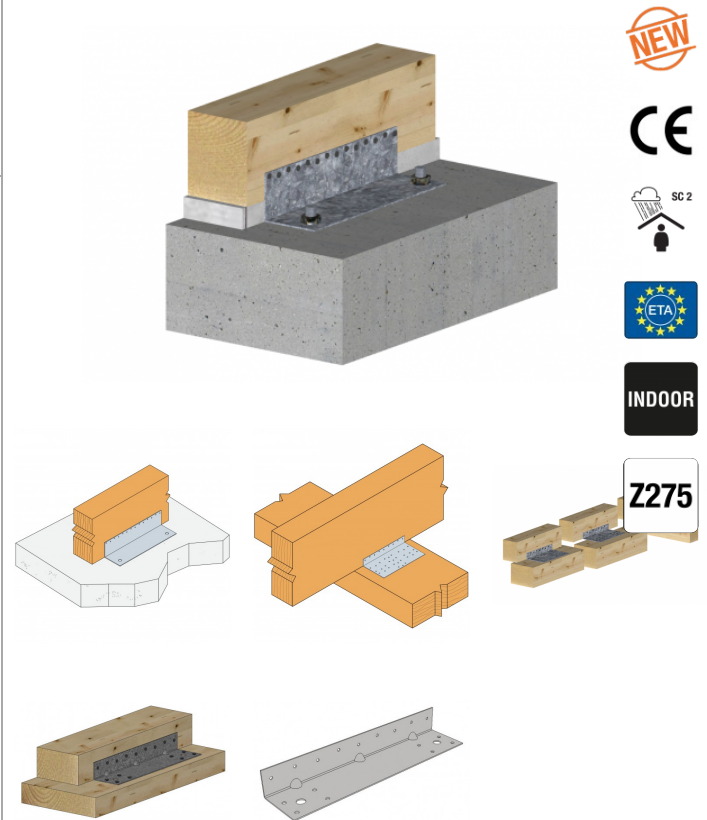
## Applications

### Applicatons

- **Can be used also for connection of the longitudinal elements to the wall panels**

### Scope

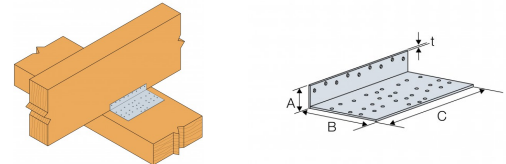
- The angle connectors are used for the anchoring of blockages to initiate the forces of the associations in the ring beam or ceiling tiles.
- The connector can also be used for the connection of longitudinal forces at the wall panels



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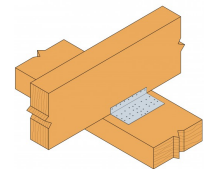
## Technical Data

### Product Dimensions



References	Dimensions and drill holes [mm]				Joist		Holes flange B	
	A	B	C	t	Ø4 [mm]	Ø5 [mm]	Ø5 [mm]	Ø13 [mm]
AB6983	69	83	300	2.5	14	-	-	2
AB36125	36	125	247	2	-	9	30	-

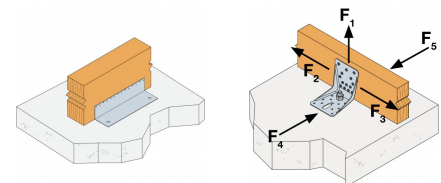
### Product capacities - Timber to timber



References	Product capacities - Timber to timber			Characteristic capacities - Timber C24 - 1 angle brackets per connection [kN]
	Number of Fasteners			
	Joist	Flange B		
	Qty	Qty		
AB36125	7	7		$R_{2,k} = R_{3,k}$ <b>CNA4.0x40</b> 10.3

\* CNA3,1x40 in flange A, CSA5,0x25 in flange B

### Product capacities - Timber to concrete



References	Product capacities - Timber to Concrete				Characteristic capacities - Timber C24 - 1 angle brackets per connection [kN]	Bolt factor
	Number of Fasteners					
	Joist		Flange B			
	Qty	Type	Qty	Type		
AB6983	14	CNA	2	M12*	$R_{2,k} = R_{3,k}$ <b>CNA3,1x40</b> Min (13.1 ; 16/kmod)	0.56

\* Refer to Characteristic Capacity table columns for type of fasteners that can be used in Flange A. Capacities vary depending on fastener type used.  
 \*\* The bolt design resistance requirement  $R_{#,d}$  is determined from (bolt factor x connection design load  $F_{#,d}$ ) for the required load direction and fastener. Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions are BOAXII, SET-XP, WA, AT-HP, depending on the concrete type, spacing and edge distances.

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## Installation

### Fasteners

- Installation and assembly of components of wood using nails or screws CNA CSA5,0xℓ.
- For mounting on concrete surfaces are used M12 anchor bolts.

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