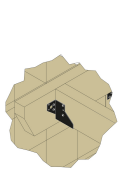
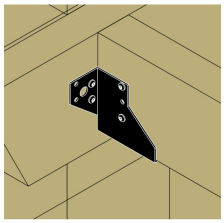
Technical Sheet

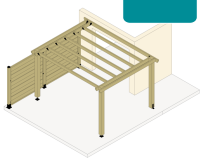
SAEPB
Joist Hanger with External Flanges

The Joist hangers with external flanges SAE is a reference. It can be used in a lot of condition. The fixation is reliable and easy to make.













Features

Material

- Galvanized Steel S250GD + Z275 according to EN 10346
- Thickness 2 mm

Advantage

- Easy and quick installation

Applications

Support

- **Header Member:** Solid timber, Composite timber, Glulam, Steel, Concrete.
- **Joist:** Solid timber, Composite timber, Glulam.

For use with

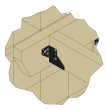
- Joist

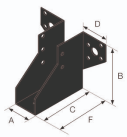
Technical Sheet

SAEPB
Joist Hanger with External Flanges

Technical Data

Rozměry a typické hodnoty





Reference	konektor rozměry								
	ostatní	rozměry výrobku[mm]						Header otvory		nosník otvory
	hmotnost[kg]	A[mm]	B[mm]	C[mm]	d[mm]	F[mm]	tloušťka[mm]	kulatý		kulatý
								Ø	n	Ø
SAE200/46/2PB	0.26	46	77	84	41.5	86	2	8	2	5
SAE250/46/2PB	0.28	46	102	84	41.5	86	2	12	2	7

Product characteristic capacities - Timber to timber - full nailing

Reference	Decking únosnost					
	Characteristic capacities - dřevo to dřevo - Full nailing					
	počet of Fasteners		výrobek characteristic capacities - dřevo C24[kN]			
	Header	nosník	$R_{1,k}$	$R_{2,k}$	$R_{3,k}$	R4,k
	množství	množství	CSA5.0x35PB	CSA5.0x35PB	CSA5.0x35PB	CSA5.0x35PB
SAE200/46/2PB	8.0	5.0	6.5	4	1	2.9
SAE250/46/2PB	12.0	7.0	10.4	7.2	1.7	4.4

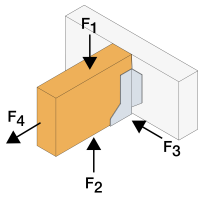
Product capacities - Timber to timber - Partial nailing

Reference	Decking únosnost					
	výrobek capacities - dřevo to dřevo - Partial nailing					
	počet of Fasteners		Characteristic capacities - dřevo C24[kN]			
	Header	nosník	$R_{1,k}$	$R_{2,k}$	$R_{3,k}$	R4,k
	množství	množství	CSA5.0x35PB	CSA5.0x35PB	CSA5.0x35PB	CSA5.0x35PB
SAE200/46/2PB	4.0	4.0	3.9	2.1	0.5	1.5
SAE250/46/2PB	6.0	4.0	6.3	2.9	0.9	2.2

Values given in the table above are valid for a joist to joist and joist to column application, subject to respecting the partial nailing plans specific to each configuration given in our ETA-06/0270 page 17.

Technical Sheet

SAEPB
Joist Hanger with External Flanges



Product characteristic capacities - Timber beam to rigid support

Reference	Decking únosnost							
	výrobek capacities - dřevo to beton							
	počet of Fasteners				Characteristic capacities - dřevo C24[kN]			
	Header		nosník		$R_{1,k}$	$R_{2,k}$	R4,k	$R_{3,k}$
	množství	typ	množství	typ	CSA5.0x35PB	CSA5.0x35PB	CSA5.0x35PB	CSA5.0x35PB
SAE200/46/2PB	2.0	Ø10*	5.0	CSA**	12.8	9.2	5	2.8
SAE250/46/2PB	2.0	Ø10*	7.0	CSA**	16.5	12.8	5	3.8

* Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions depend on the concrete type, spacing and edge distances. The values in this table are given for an installation in the middle of a concrete slab. In other installation condition (close to the edge,...), the designer must check the anchor separately (Our free software Anchor Designer is available for download on our website).
** CSA5,0x35PB

Installation

Fasteners

Joist :

- Connector Nails CNA Ø 4.0 x 50 mm.
- Connector Nails CNA Ø 4.0 x 35 mm for width smaller than 64 mm.
- Screws CSA Ø 5.0 x 40 mm.
- Screws CSA Ø 5.0 x 35 mm for width smaller than 60 mm.

Header :

Timber

- Connector Nails CNA Ø 4.0 x 50 mm.
- Connector Nails CNA Ø 4.0 x 35 mm for width smaller than 64 mm.
- Screws CSA Ø 5.0 x 40 mm.
- Screws CSA Ø 5.0 x 35 mm for width smaller than 60 mm.

Steel :

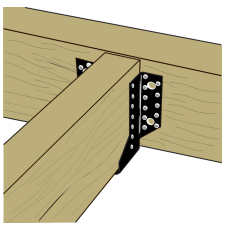
- Bolt Ø 12 or Ø 10 mm depending of the blank model (The diameter of the model must be maximum 2mm smaller than the hole diameter).

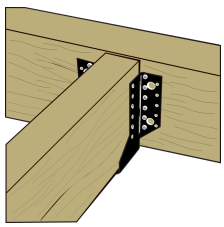
Concrete :

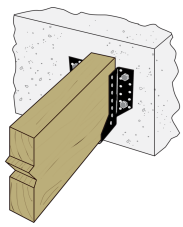
- *Mecahnical anchor* : WA M10-78/5 (for SAE200 and 250) and WA M12-104/5 (for SAE300, 340, 380, 440 and 500).
- *Chemical anchor* : resin AT-HP with threaded rod LMAS M10-120/25 (for SAE200 and 250) and LMAS M12-150/35 (for SAE300, 340, 380, 440 and 500).

Installation

c







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