

SDE
Width Adjustable Face Fix Joist Hanger

The SDE is a two piece, width adjustable face fix hanger. The two separate components that make up the SDE system can be adjusted to suit a range of joist widths between 60mm to 250mm. Each SDE is supplied as a pair. Optional bolt holes (13mm diameter).

Features

Material

- Galvanised steel S250GD + Z275 according to NF EN 10346.

Avantages

- Great flexibility in use in new and refurbished condition.

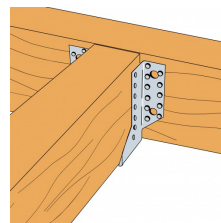
Applications

Support

- Supporting member:** wood, concrete, steel
- Supported member:** solid wood, composite lumber

Intend Use

- Joists
- Refurbishment of existing assemblies

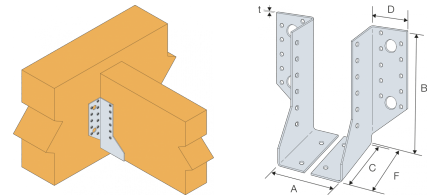


Installation Timber to timber

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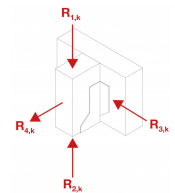
Technical Data

Product Dimensions



References	Joist Size [mm]				Product Dimensions [mm]							Header holes		Joist holes
	Width		Height		A	B	C	D	F	t	Ø5	Ø13	Ø5	
	Min	Max.	Min	Max.										
SDE300/30	60	250	120	177	60	118	84	41.5	86	2	18	4	10	
SDE340/30	60	250	140	207	60	138	84	41.5	86	2	22	4	12	
SDE380/30	60	250	160	237	60	158	84	41.5	86	2	22	4	12	
SDE440/30	60	250	190	282	60	188	84	41.5	86	2	28	4	15	

Product Capacities - Timber to Timber - Full nailing Br36



References	Characteristic capacities - Timber to timber - Full nailing					
	Number of Fasteners		Product characteristic capacities - Timber C24 [kN]		Safe Working Loads [kN]	
	Header	Joist	R _{1,k}	R _{2,k}	R _{1.SWL.Long Term}	R _{2.SWL.Short Term}
	Qty	Qty	CNA4,0x50	CNA4,0x50	CNA4.0x50 [kN]	CNA4.0x50 [kN]
SDE300/30	18	10	20.3	17.6	8.5	8.8
SDE340/30	22	12	26.6	24	11.1	12
SDE380/30	22	12	26.6	24	11.1	12
SDE440/30	28	14	33.2	33.2	13.8	16.6

*Characteristic Capacity varies depending on the type of header fastener used (N3.75x30 Square twist nail, or N4.0x100 Round Wire Nail)

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Installation

Fasteners

On wood:

- CNA annular ring-shank nails dia. 4.0 x 50 mm
- Lag screws and bolts dia. 10 or dia. 12 mm

On concrete:**Concrete substrate:**

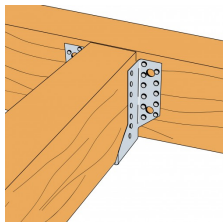
- *Mechanical anchor:* WA M12-104/5 pin
- *Chemical anchor:* AT-HP resin + LMAS M12-150/35 threaded rod

Hollow masonry substrate: (check the load bearing capacity of the anchors)

- *Chemical anchor:* AT-HP or POLY-GP resin + LMAS M12-150/35 + SH M16-130 screen

Installation

- Use all fasteners as specified in the table below.
- Check that the header can accommodate the fasteners specified.
- Each SDE piece must also be nailed through the holes underneath the joist.



Installation Timber to timber

