

The SFH Safety Fast Hangers are an innovative range of products that have been designed to support timber joists, beams and trussed rafters from masonry walls without the need of supporting masonry above the top flange.

- Requires no masonry above the top flange to achieve the published performance values.
- Improved vertical and lateral load distribution.
- Mini Strap simply hooks onto the hanger.
- Enables the construction of the floor deck prior to the next lift of masonry.
- Reduces Health & Safety risks associated with the use of the traditional masonry hangers with no masonry above.
- Eliminates the need for propping.
- Mini Strap provides lateral restraint capacity in accordance with NHBC guidelines.
- Allows for retrofit of lateral restraint straps.
- Web stiffeners are not required with I-joist to achieve the performance values.

MATERIAL:

SFH: 2.5mm pre-galvanised mild steel.

SFWH: 2.5mm mild steel

Mini Strap - 1.0mm pre-galvanised mild steel.

FINISH: SFWH: Hot-dip galvanised.

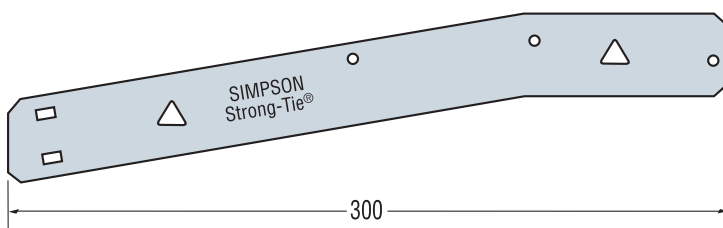
INSTALLATION:

- Use all specified nails.
- Build masonry to required level, ensuring any coursing bricks or blocks are at least one course below the supporting block, and leave to cure.
- Place the Safety Fast Restraint Hanger over the inner leaf of blockwork, ensuring the bearing plate is fully located onto the top of the masonry, sitting tight against the front face and top of the blockwork.
- Sit the floor joists into the masonry hanger and ensure all joists are correctly installed. The joists should be tight into the back of the hanger where possible. The maximum gap between the back of the hanger and the end of the joist is 6mm.
- Clip the Safety Fast Mini Strap onto the restraining hooks on the side of the hanger and nail to the side face of the joist with three No. 3.75x30mm square twist nails. **INSTALL ONLY ONE STRAP PER HANGER.**

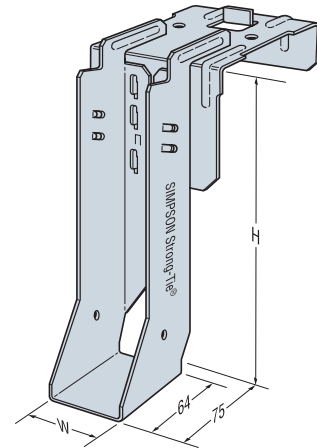
GENERAL INSTALLATION NOTES

- The floor decking may be stored on the joists provided the load is uniformly distributed between the several joists and does not exceed the hanger or joist capacities. Refer to joist manufacturer or supplier for joist capacity and maximum construction loads.
- The floor decking must be securely attached to each joist before additional loads can be placed on the system.
- Floor decking and blockwork is to be cut where necessary to fit around the upstand stiffeners.
- Pallets of blocks or other construction materials should be placed onto the scaffolding and NOT directly onto the floor. The materials can then be evenly distributed around the floor manually, ensuring hanger or joist capacities are not exceeded.

Mini Strap (included with Safety Fast Hanger)

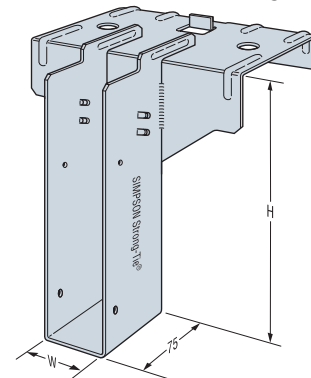


SFH



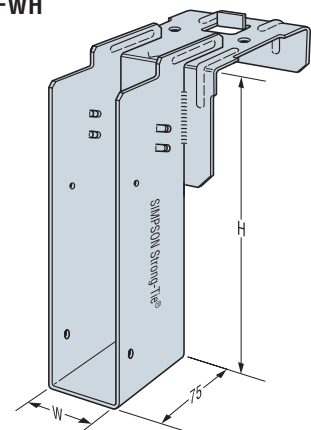
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SFWH

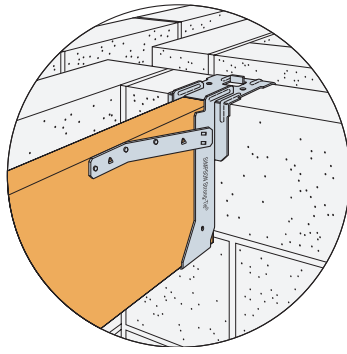


PATENT NOS.
GB2354267, GB2390380
PATENT PENDING
EP1200684

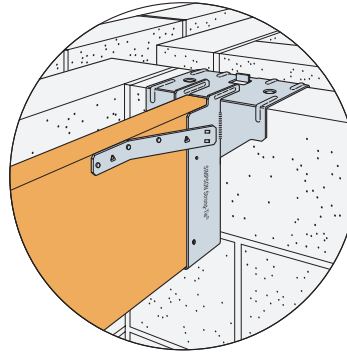
SFWH



TYPICAL SFH INSTALLATION



TYPICAL SFWH INSTALLATION



SFH HANGERS LOADS

Model No.	Joist Width	Joist Fasteners				Safe Working Loads (kN)			Characteristic Capacity (kN)	
		Hanger		MiniStrap		Block Strength			Block Strength	
		Qty	Nail	Qty	Nail	2.8N/mm ² Solid AAC	3.5N/mm ² Solid LAC	7N/mm ² Solid DAC	3.5N/mm ² Solid LAC	7N/mm ² Solid DAC
SFH	< 61mm	2	3.75 x 30	3	3.75 x 30	5.1	6.2	6.2	13.34	13.34
	> 66mm	2	3.75 x 30	3	3.75 x 30	6.7	8.0	8.0	17.47	17.47
SFWH	< 61mm	2	3.75 x 30	3	3.75 x 30	6.8	8.3	8.3	17.94	17.94
	> 66mm	2	3.75 x 30	3	3.75 x 30	7.8	9.5	9.5	15.39	15.39

1. Loads are based upon tests conducted by CERAM Building Technology Ltd and are determined in accordance with EN 845 and BS6178.
2. Hanger loads are achieved without masonry above the top flange.
3. The block thickness must be the same as the top plate width.
4. The lateral capacity exceeds that provided by traditional straps placed at 2m centres.
5. 3.75 x 30 refers to sheradised square twist nail (not supplied with hanger).

SFH HANGERS

Joist Size		Model No.	Hanger Dimension (mm)	
Width	Height		Width (W)	Height (H)
38	150	SFH150/40/100	40	140
	225	SFH225/40/100	40	215
50	150	SFH150/50/100	50	140
	175	SFH175/50/100	50	165
	200	SFH200/50/100	50	190
	225	SFH225/50/100	50	215
	250	SFH250/50/100	50	240
75	175	SFH175/75/100	75	165
	200	SFH200/75/100	75	190
	225	SFH225/75/100	75	215
100	175	SFH175/100/100	100	165
	200	SFH200/100/100	100	190
	225	SFH225/100/100	100	215

SFWH HANGERS

Joist Size		Model No.	Hanger Dimension (mm)	
Width	Height		Width (W)	Height (H)
35	225	SFWH225/38/100	38	215
38	225	SFWH225/40/100	40	215
	250	SFWH250/40/100	40	240
50	150	SFWH150/50/100	50	140
	175	SFWH175/50/100	50	165
	200	SFWH200/50/100	50	190
	225	SFWH225/50/100	50	215
	250	SFWH250/50/100	50	240
75	225	SFWH225/75/100	75	215
100	225	SFWH225/100/100	100	215