Technical Sheet

FMS
Folded Mini Strap

The FMS strap provides restraint to masonry walls when the walls are supporting joist ends. They make installation easier, quicker and more cost effective - without compromising on wall stability.

Features

Material

- Pre-galvanised mild steel.

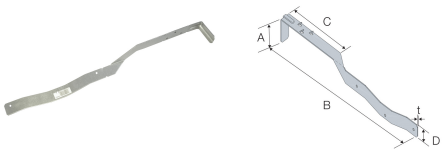
Features

In place of the heavy traditional 30x5mm strap at 2.0m c/c spacing, the FMS strap is installed to provide restraint at every joist end, whether built in or on hangers. So there's no need to calculate where the straps go, or worry about getting one in the wrong place.

Every job gets done quicker and more smoothly. The FMS strap goes on every joist end up to 600mm c/c spacing, and blockwork up to 125mm thick.

- Ideal solution for 2 ½ & 3 storey buildings which require straps on joist ends when built in to masonry walls
- Improves quality of build
- Saves time and labour costs
- Greatly reduces scope for installation errors
- Simplifies on-site inspection process
- Accepted by NHBC





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Technical Data

Product Dimensions

Reference	Connector Dimensions						
	Product Dimensions[mm]					Holes[mm]	Other
	A[mm]	B[mm]	C[mm]	D[mm]	t[mm]	Round Ø4	Weight[kg]
FMS	40	375	135	20	1.5	3	0.097
FMSB	40	375	135	20	1.5	3	0.097
FMSC	40	375	135	20	1.5	3	0.097

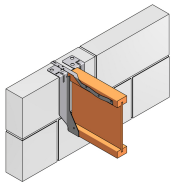
Performance Values

Reference	Masonry capacity		
	Number of Fasteners		Characteristic Capacity[N]
	Masonry Wall	Floor Joist	Characteristic Load[kN]
FMS	-	3 - N3.75x30	2.4

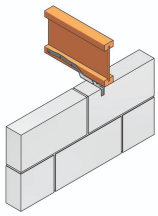
Installation

Installation

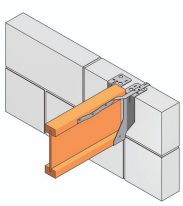
1. Place FMS directly onto blockwork, ensuring the strap is hooked tightly onto the back of the block
2. Use 3 No. 3.75x30 SQT Nails, to connect the FMS strap to the side of the joist



FMS - For use where the joist and hanger are the same height: 1. Place carried joist into hanger, securing joist into the hanger by installing all specified fixings. 2. Sit FMS strap on top of joist as shown above, ensuring the return is hooked over supporting masonry and is tight against outer face of masonry. 3. Install 3 No 3.75x30mm square twist nails into the side of joist. 4. Build remaining block work above joist and strap.



FMSB - For use in conjunction with joists built into walls: 1. Sit joist onto blockwork, ensuring that joist is fully bearing onto supporting masonry. 2. Fit FMSB strap to side of joist at the bottom as shown above, ensuring the return is hooked over supporting masonry and is tight against outer face of the masonry. 3. Install 3 No 3.75x30 square twist nails through holes into side of joist. 4. Build remaining blockwork between and above joist and strap. See note 2.



FMSC - For use with coursing masonry hangers: 1. Place carried joist into hanger, securing joist into the hanger by installing all specified fixings. 2. Fit FMSC strap to side of joist as shown below, ensuring the return is hooked over supporting masonry and is tight against outer face of the masonry. 3. Install 3 No 3.75x30mm square twist nails through holes into the side of joist. 4. Build remaining block work above joist and strap

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