

MSF Masonry Reinforcement, also known as Brickspan, or Bed Joint Reinforcement is primarily used to strengthen walls. Stainless Steel can be used on both inner and external bricks/blocks whereas galvanised is more suited to internal walls. Our Masonry Reinforcement aids to reduce cracking and provides general support.

MSF Reinforcement comes at a standard length of 2.7 metres, and is available in a range of wire diameters making our range versatile, and able to fit any combination of brick or block width.

Available in both Stainless and Galvanised, including 3.0mm, 3.5mm, 4.0mm, and 5.0mm (or equivalent after being flattened in some cases). Usually packed and shipped in packs of either 40 lengths, or 20 lengths, depending on the weights and size of the reinforcement, however orders are not tied to these figures, and any amount can be ordered.



#### UKCA MARKING:

BRICKSPAN BED JOINT REINFORCEMENT -  
MSF/SBS40FW175: BS EN 845-3+A1

Characteristic Yield Strength of Longitudinal Wires:  
500N/mm<sup>2</sup>

Minimum Tensile Stress: 15% Greater Than Yield Stress  
Cross Section Area of Wire: 12.57mm<sup>2</sup> (Per Wire)

Ductility of Longitudinal Wires: Normal  
Bond Strength: 5980N

Lap Length:  
225mm (including at least one cross wire)

Durability/Material Coating Reference:  
R3 (Stainless Steel)

Dangerous Substances: None



#### Declaration of Performance:

##### MANUFACTURED BY:

Mesh Supplies & Fabrications Ltd, Unit B2 Bentley Avenue, Cowpen Lane Industrial Estate, Billingham, TS23 4BU

##### INTENDED USE:

For Structural use within walls and partitions.

Notified Body Number: 1289

This product conforms to System 3 - assessment verification of Constancy of Performance. All necessary testing was conducted at the above noticed body.

##### PRODUCT COMPATIBILITY:

In addition to the stock sizes below we are able to manufacture widths to suit any block or brick size. We can also manufacture special shapes including 'T' Sections and corner pieces.

Wall Thickness	Brickspan Width
102mm Brick 100mm or 125mm Blockwork	60mm
140mm or 150mm Blockwork	100mm
190mm or 200mm Blockwork	150mm
215mm Blockwork	175mm

#### Advantages of MSF Masonry Reinforcement

- 2700mm lengths reduce the required amount of laps
- We can supply lengths in any required width or amount, regardless of pack quantity.
- A 20mm cover on each side allowing for site tolerance (with code stating a minimum of 15mm).