

Ladder Mesh (Brick Span) is a welded ladder type Bed Joint Reinforcement generally used as a structural product, also ideal for crack control. Available in Stainless Steel Grade 304 BS EN 1.4301 and in numerous widths to suit any brick and block thickness.

Ladder Mesh Masonry Reinforcement conforms to BS EN 845-3:2003+A1:2008.

- Three diameters of main wire available.
- 2.5 diameter cross wire at 450mm centres.
- 2700mm long.

SPECIFICATION

- Grade 1.4301 austenitic stainless steel to EN 10088-2.

INSTALLATION

- Please see the following pages for details of installation.



Code	Product	Product Dimensions (mm)		Wall Width (mm)
		Main Wire	Width	
Stainless Steel - 3mm Wire				
LMS360	Ladder Mesh Stainless	3	60	100
LMS3100	Ladder Mesh Stainless	3	100	140
LMS3150	Ladder Mesh Stainless	3	150	190
LMS3160	Ladder Mesh Stainless	3	160	200
LMS3175	Ladder Mesh Stainless	3	175	215
Stainless Steel - 4mm Equivalent Flattened Wire				
LMS460	Ladder Mesh Stainless	4	60	100
LMS4100	Ladder Mesh Stainless	4	100	140
LMS4150	Ladder Mesh Stainless	4	150	190
LMS4160	Ladder Mesh Stainless	4	160	200
LMS4175	Ladder Mesh Stainless	4	175	215
Stainless Steel - 5mm Equivalent Flattened Wire				
LMS560	Ladder Mesh Stainless	5	60	100
LMS5100	Ladder Mesh Stainless	5	100	140
LMS5150	Ladder Mesh Stainless	5	150	190
LMS5160	Ladder Mesh Stainless	5	160	200
LMS5175	Ladder Mesh Stainless	5	175	215

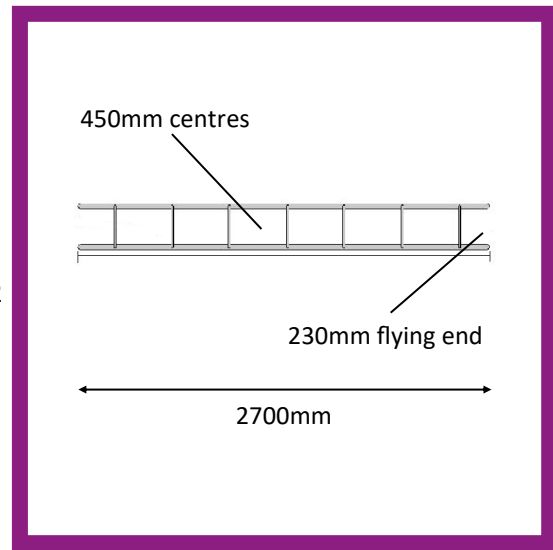
Installation for 3mm Diameter Main Wires, 2.5mm Diameter

Cross Wires Mechanical Properties of Longitudinal Wires

- Characteristic Yield Stress (0.2% proof stress)
- Minimum Tensile Stress.
- Cross Section Area Of Wire.
- 500 N/mm² (Minimum 15% Greater Than Yield Stress 12.56mm² (each wire).

Features

- 2700mm Lengths reduce the amount of laps required.
- Available in any width requirement.
- 20mm cover each side to allow for site tolerance.
- CE Marked.
- Available in stainless steel grade 304 BS EN 1.4301 and in numerous widths to suit any brick and block thickness.



Important note

- Specifier's now use various wire diameters, if possible please check specification.
- BS5628 part 2 recommends that stainless steel material should be used on an external wall, including the inner leaf of a cavity wall.

Code	Product	Product Dimensions (mm)		Wall Width (mm)
		Main Wire	Width	
Stainless Steel - 3mm Wire				
LMS360	Ladder Mesh Stainless	3	60	100
LMS3100	Ladder Mesh Stainless	3	100	140
LMS3150	Ladder Mesh Stainless	3	150	190
LMS3160	Ladder Mesh Stainless	3	160	200
LMS3175	Ladder Mesh Stainless	3	175	215

Installation for 4mm Diameter Equivalent Flattened Main Wires, 2.5mm Diameter Cross Wires

Mechanical Properties of Longitudinal Wires

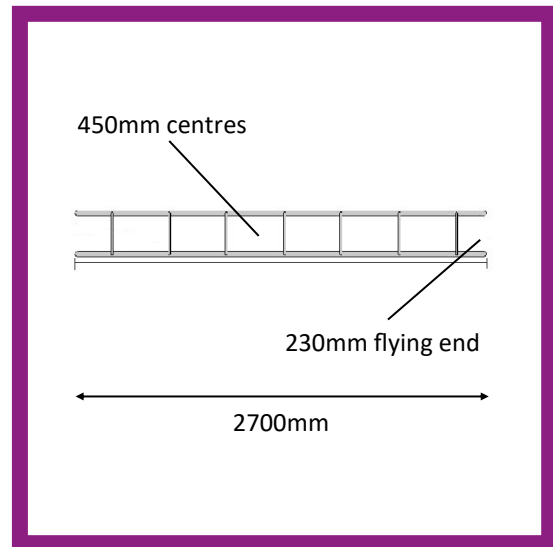
- Characteristic Yield Stress (0.2% proof stress).
- Minimum Tensile Stress.
- Cross Section Area Of Wire.
- 500 N/mm² (Minimum 15% Greater Than Yield Stress 7.07mm² (each wire)).

Features

- 2700mm Lengths reduce the amount of laps required.
- Available in any width requirement.
- 20mm cover each side to allow for site tolerance.
- CE Marked.
- Available in stainless steel grade 304 BS EN 1.4301 and in numerous widths to suit any brick and block thickness.

Important note

- Specifier's now use various wire diameters, if possible please check specification.
- BS5628 part 2 recommends that stainless steel material should be used on an external wall, including the inner leaf of a cavity wall.



Code	Product	Product Dimensions (mm)		Wall Width (mm)
		Main Wire	Width	
Stainless Steel - 4mm Equivalent Flattened Wire				
LMS460	Ladder Mesh Stainless	4	60	100
LMS4100	Ladder Mesh Stainless	4	100	140
LMS4150	Ladder Mesh Stainless	4	150	190
LMS4160	Ladder Mesh Stainless	4	160	200
LMS4175	Ladder Mesh Stainless	4	175	215

Installation for 5mm Diameter Equivalent Flattened Main Wires, 2.5mm Diameter Cross Wires

Mechanical Properties of Longitudinal Wires

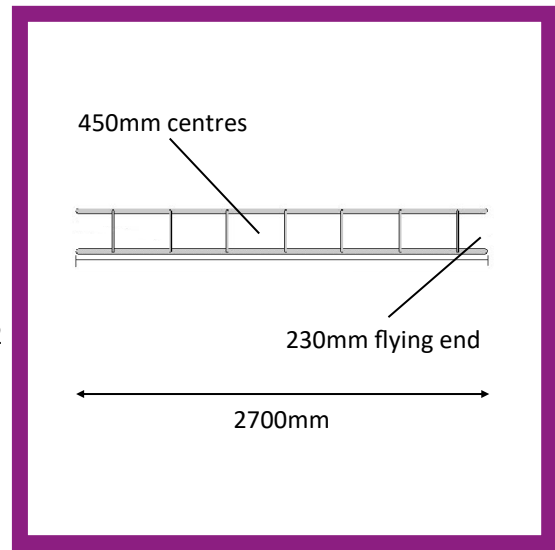
- Characteristic Yield Stress (0.2% proof stress).
- Minimum Tensile Stress.
- Cross Section Area Of Wire.
- 500 N/mm² (Minimum 15% Greater Than Yield Stress 19.64mm² (each wire)).

Features

- 2700mm Lengths reduce the amount of laps required.
- Available in any width requirement.
- 20mm cover each side to allow for site tolerance.
- CE Marked.
- Available in stainless steel grade 304 BS EN 1.4301 and in numerous widths to suit any brick and block thickness.

Important note

- Specifier's now use various wire diameters, if possible please check specification.
- BS5628 part 2 recommends that stainless steel material should be used on an external wall, including the inner leaf of a cavity wall.



Code	Product	Product Dimensions (mm)		Wall Width (mm)
		Main Wire	Width	
Stainless Steel - 5mm Equivalent Flattened Wire				
LMS560	Ladder Mesh Stainless	5	60	100
LMS5100	Ladder Mesh Stainless	5	100	140
LMS5150	Ladder Mesh Stainless	5	150	190
LMS5160	Ladder Mesh Stainless	5	160	200
LMS5175	Ladder Mesh Stainless	5	175	215