

# TYPICAL APPLICATIONS



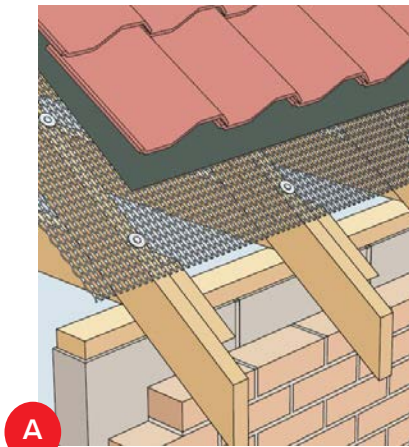
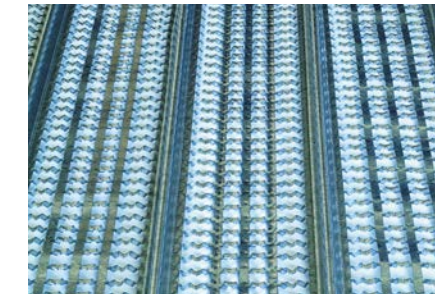
# EXPAMET HY-RIB

Hy-Rib® is a deep ribbed mesh with tangs for use as a carrier for plaster, render and fire protection materials.

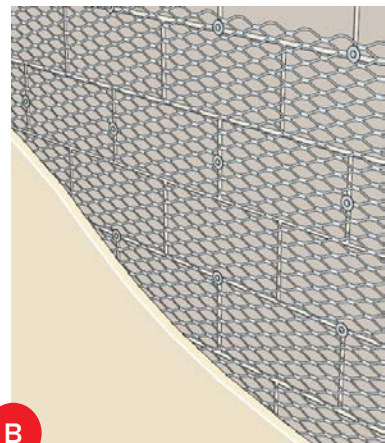
Hy-Rib® can be used economically for backgrounds where long spans between supports or additional strength for sprayed finishes are required. It can be pre-curved for circular applications. Hy-Rib® is available in different gauges and materials identified by a distinctive coloured stripe (see table).

Hy-Rib® can also be used as permanent formwork for concrete - Visit [www.expamet.co.uk](http://www.expamet.co.uk) for more information.

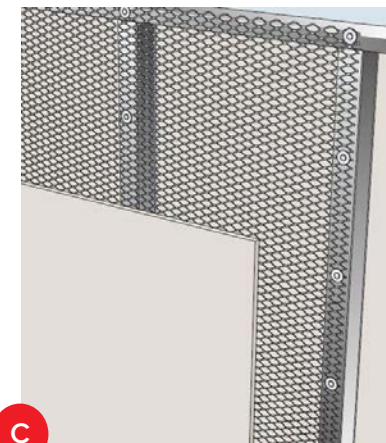
## HY-RIB®



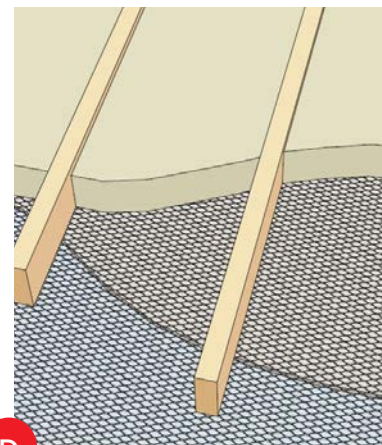
A Security mesh for roofs



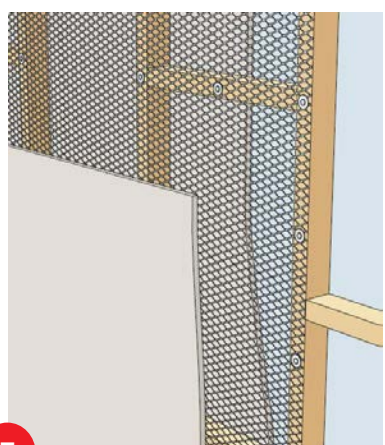
B Security mesh for masonry



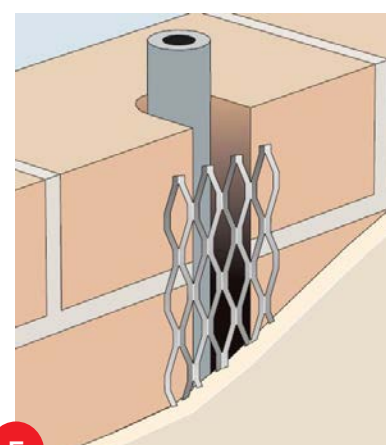
C Security mesh for metal stud walls



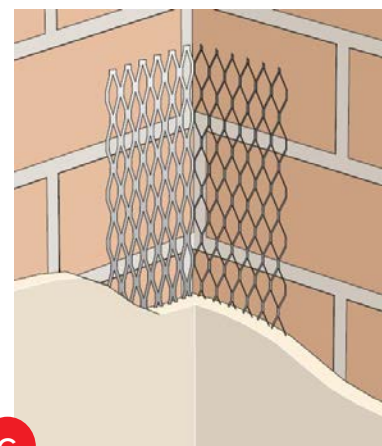
D Security mesh for ceilings



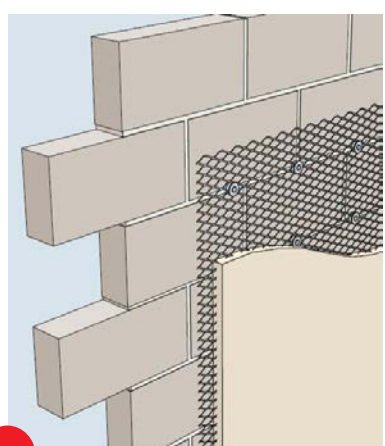
E Security mesh for timber stud walls



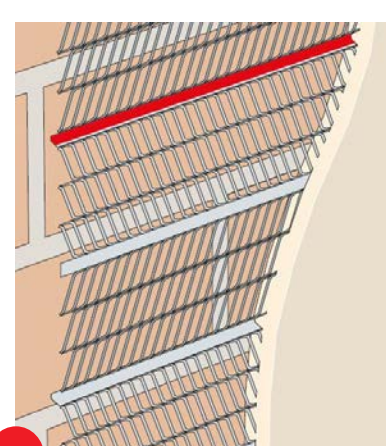
F Strip mesh reinforcement for plaster and render



G Corner mesh for reinforcing internal and external corners and at window and door reveals







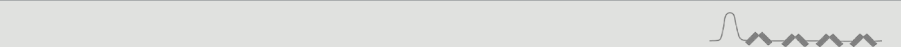
H Carrier for plaster and render finishes  
Complies with EN 13658-1  
Complies with EN 13658-2



I Carrier for plaster and render finishes with integral stiffening ribs/spacers  
Complies with EN 13658-1  
Complies with EN 13658-2

Ref	Description	Typical Application	Material Gauge	Weight kg/m2	Rib Depth	Sheet Lengths	Material
2811 ID Colour	Hy-Rib®	Carrier for all plaster finishes	0.4	3.39	20.8	2000 - 5000	Galvanized Steel Z275
2611 ID Colour	Hy-Rib®	Carrier for all plaster finishes	0.5	4.23	20.8	2000 - 5000	Galvanized Steel Z275
2411 ID Colour	Hy-Rib®	Carrier for all plaster finishes	0.75	6.34	20.8	2000 - 5000	Galvanized Steel Z275
2811S304 ID Colour	Hy-Rib®	Permanent formwork. Carrier for all render finishes	0.4	3.40	20.8	2000 - 5000	Stainless Steel 1.4301
2811S316 ID Colour	Hy-Rib®	Permanent formwork. Carrier for all render finishes	0.4	3.40	20.8	2000 - 5000	Stainless Steel 1.4301

\* All dimensions in mm

Hy-Rib Standard Sheet Sizes	Width (outer rib centres)
	6 Rib 445mm wide
	5 Rib 356mm wide
	4 Rib 267mm wide
	3 Rib 178mm wide
	2 Rib 89mm wide

\* Stainless Steel is only available in 6 rib



Subsidiary of Hill & Smith Holdings plc

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Quality Assurance BS EN ISO 9001:2015 and ISO 14001 2015. Registered Firms Certificate No. FM589272, EMS 589274

Expamet operate a continuous development programme and we reserve the right to amend specification without prior notification.

**Please note**, some products are not manufactured by Expamet and are therefore excluded from registration to BS EN 9001: 2015. Please contact the technical department for further information.

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ESTABLISHED QUALITY

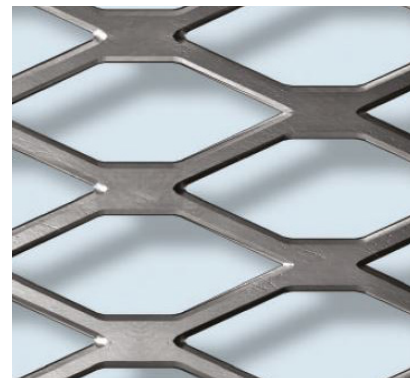
## Expanded Metal Mesh & Lath

- Security Mesh in mild and galvanised steel
- Technical and sales support
- Comprehensive range
- Full range of stainless steel and galvanised lathing



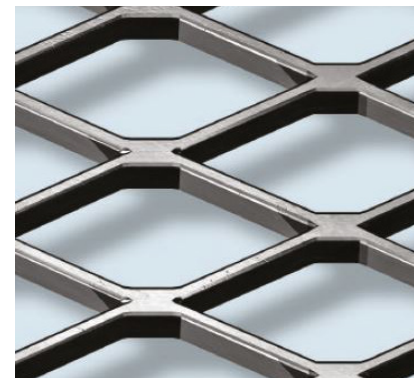


# EXPANDED METAL MESH AND LATH



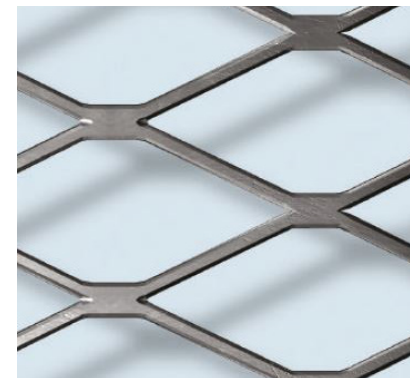
**50-73HFG** Security Mesh  
Galvanized Steel  
**50-73HF** Security Mesh Mild  
Steel

Applications: **A C D E**



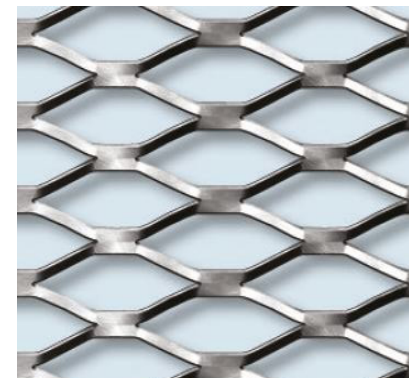
**50-89HRG** Security Mesh  
Galvanized Steel  
**50-89HR** Security Mesh Mild  
Steel

Applications: **B**



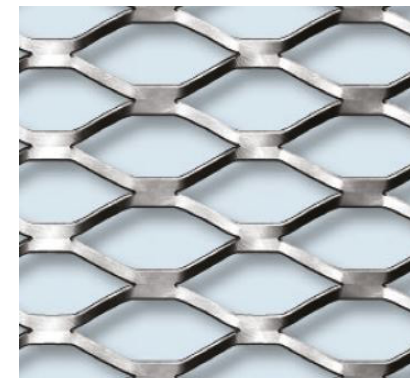
**50-76MFG** Security Mesh  
Galvanized Steel  
**50-76MF** Security Mesh Mild  
Steel

Applications: **A C D E**



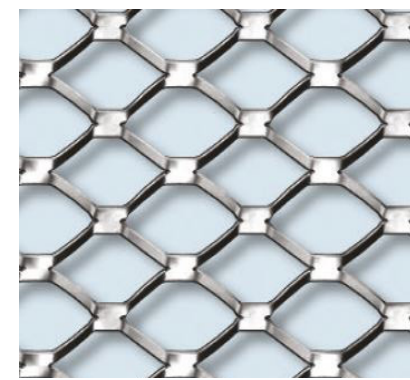
**584** Strip Mesh  
Pre-galvanized Steel  
**528** Strip Mesh  
Pre-galvanized Steel

Applications: **F G**



**94G** Lathing Pre-galvanized  
Steel  
**95S** Lathing Stainless Steel

Applications: **F H**



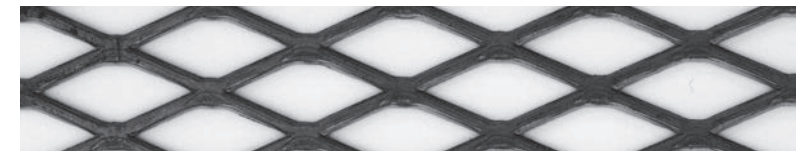
**264** Lathing Pre-galvanized Steel  
**263** Lathing Pre-galvanized Steel  
**265** Lathing Pre-galvanized Steel

Applications: **H**



**267/600** Riblath Stainless Steel  
**271/600** Riblath Pre-galvanized Steel  
**269/600** Riblath Pre-galvanized Steel

Applications: **I**



Product images show mesh at actual size (+/- 1mm)

Expamet have manufactured expanded metal products for over 100 years. Our Mesh and Lath range has significant worldwide sales and a proven track record on all types of construction projects.

Our range of Expamet Security Mesh provides a cost effective way of securing buildings or internal spaces by sandwiching a layer of mesh into the walls and ceilings during construction. Numerous buildings, from prisons to shops and offices trading below residential flats can benefit from the enhanced protection that Expamet security mesh offers.

Available in a range of gauges this high quality security mesh is suitable for internal walls, ceilings, partitions and external brickwork. It can also be provided in galvanized steel, where damp conditions are expected.

Expamet Lathing provides an excellent key for finishing materials on masonry, ceilings, suspended ceilings and timber frame buildings. Suitable for internal or external applications Expamet Lathing is easily formed, allowing designers to create free forms such as arches, domes and vaults in a trouble-free effective manner. Expamet Lathing can also be used as a carrier for fire protection finishes to structural steelwork. Expamet Lathing is manufactured from pre-galvanized or stainless steel.

Expamet Hy-Rib® is a deep ribbed galvanized mesh with tangs for plaster and render applications.

**HY-RIB®**

Applications Key  
(also see Page 5)

- A** Security mesh for roofs
- B** Security mesh for masonry
- C** Security mesh for metal stud walls
- D** Security mesh for ceilings
- E** Security mesh for timber stud walls
- F** Strip mesh reinforcement for plaster and render
- G** Corner mesh for reinforcing internal and external corners and at window
- H** Carrier for plaster and render finishes
- I** Carrier plaster and render finishes

Ref	Description	Typical Applications	Mesh LW	Mesh SW	Strand Width	Strand Thickness	Weight Kg/m <sup>2</sup>	Sheet Size	Material
50-73HFG 50-89HRG 50-76MFG	Security Mesh - Flattened Security Mesh - Raised Security Mesh - Flattened	Heavy duty security mesh for walls, partitions, ceilings and roofs	42.9	14.2	4.6	2.7	8.59	2440 x 1220	Galvanized Steel to BS EN ISO 1461 Galvanized Steel to BS EN ISO 1461 Galvanized Steel to BS EN ISO 1461
		Heavy duty security mesh for walls, partitions, ceilings and roofs	50.8*	22.6*	3.1	3.0	6.52	2440 x 1220	
		Light duty security mesh for walls, partitions, ceilings and roofs	43.4	18.0	2.3	1.1	1.85	1250 x 2500	
50-73HF 50-89HR 50-76MF	Security Mesh - Flattened Security Mesh - Raised Security Mesh - Flattened	Heavy duty security mesh for walls, partitions, ceilings and roofs	42.9	14.2	4.6	2.7	8.59	2440 x 1220	Hot Rolled Mild Steel Hot Rolled Mild Steel Cold Rolled Mild Steel
		Heavy duty security mesh for walls, partitions, ceilings and roofs	50.8*	22.6*	3.1	3.0	6.52	2440 x 1220	
		Light duty security mesh for walls, partitions, ceilings and roofs	43.4	18.0	2.3	1.1	1.85	1250 x 2500	
584 528	Strip Mesh Strip Mesh	Reinforces render and plaster around openings etc	21.5	7.4	2.2	0.5	1.95	2500 x 100	Pre-Galvanized Steel Z450 Pre-Galvanized Steel Z450
		Reinforces render and plaster around openings etc	21.5	7.4	2.2	0.5	1.95	2500 x 150	
95S 94G 264 263 265	Lathing Lathing Lathing Lathing Lathing	Render finishes	22.8	8.0	1.5	0.5	1.05	2500 x 700	Stainless Steel 1.4301 Pre-Galvanized Steel Z275 Pre-Galvanized Steel Z275 Pre-Galvanized Steel Z275 Pre-Galvanized Steel Z275
		For use with heavy weight plasters	22.7	8.7	1.8	0.9	2.41	2500 x 700	
		Carrier for lightweight plaster finishes on walls and ceilings	14.5	8.8	1.3	0.6	1.21	2500 x 700	
		Provides a key for lightweight plaster over small openings and chases	14.5	8.8	1.3	0.5	1.01	2500 x 700	
		General internal plaster reinforcement	14.5	8.8	1.3	0.4	0.81	2500 x 700	
267/600 271/600	Riblath (8mm Rib Depth) Riblath (8mm Rib Depth)	Carrier for all render finishes	12.6	7.1	1.4	0.3	1.16	2500 x 600	Stainless Steel 1.4301 Pre-Galvanized Steel Z275
		Carrier for internal render and lightweight plaster on support systems or ceilings	12.6	7.1	1.4	0.5	1.86	2500 x 600	
269/600	Riblath (8mm Rib Depth)	Carrier for internal lightweight plasters on a solid vertical background	12.6	7.1	1.4	0.4	1.66	2500 x 600	Pre-Galvanized Steel Z275