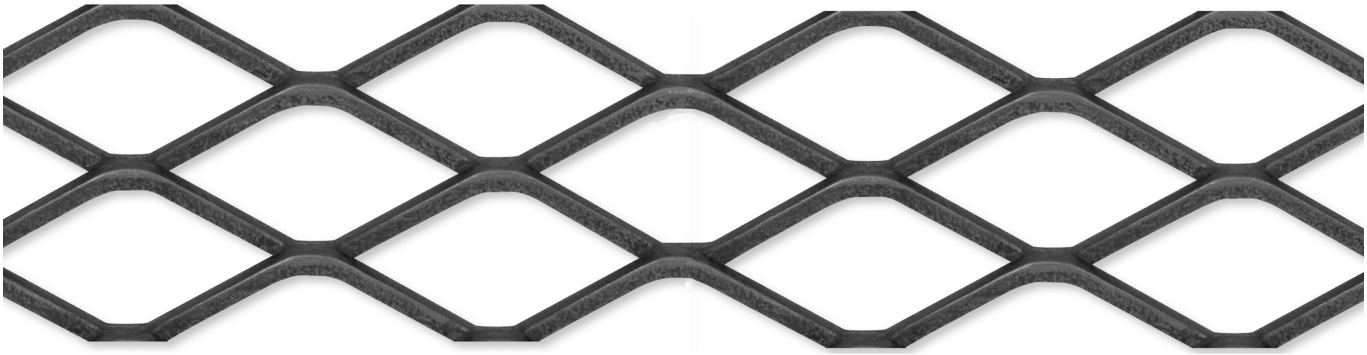
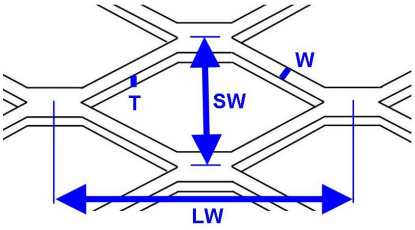
EXPAMET RAISED SECURITY MESH
50-89HR, 50-89HRG



Raised Security Mesh

Reference	Material	Sheet Size **LW** x **SW**	Mesh **LW**	Mesh **SW**	Strand Width **W**	Strand Thickness **T**	Pro-file Depth	Weight (kg/m^2)	Open Area %
50-89HR	Low carbon steel DD11 to BS EN 10111: 2008	2440 x 1220	50.8	22.6	3.1	3.0	5.8	6.52	72
50-89HRG	Hot dip galvanised to BS EN ISO 1461: 2009 Low carbon steel DD11 to BS EN 10111: 2008	2440 x 1220	50.8	22.6	3.1	3.0	5.8	7.5	72

All dimensions in mm unless stated.



Features
Raised mesh to improve resistance to intruder attack through masonry walls.
Diamond profile restricts the use of hand tools for clandestine cutting.
Continuous mesh manufactured from a single steel sheet eliminates strands unravelling.
Available in plain steel or galvanised finish for additional corrosion protection when used within plastered finishes.

Installation
Fix sheets at maximum 450mm centres to supporting structure with all strands sloping in the same direction to allow sheets to key with each other at overlaps.
Use 25mm diameter galvanised washers and corrosion resistant fixings, e.g. M6 x 50mm screw and plug.
Joint sheets by overlapping minimum one mesh.

EXPAMET BUILDING PRODUCTS

EXPAMET RAISED SECURITY MESH 50-89HR, 50-89HRG

Contact information

Technical:
Telephone 01429 866655
Email technical@expamet.net
Fax 01429 866622

Sales:
Telephone 01429 866611
E-mail sales@expamet.net
Fax 01429 866622

Expamet Health and Safety

1. IDENTIFICATION
Expamet Building Products Limited
Greatham Street
Longhill Industrial Estate (North)
Hartlepool TS25 1PU
United Kingdom
Telephone 01429 866688
Fax 01429 866633

2. COMPOSITION
Low carbon steel DD11 to BS EN 10111: 2008
Hot dip galvanised to BS EN ISO 1461: 2009 low carbon steel DD11 to BS EN 10111: 2008

3. HAZARDS IDENTIFICATION
Possible cuts from steel edges.
Toxic and irritant fumes from high temperatures.

4. FIRST AID MEASURES
Skin and eye contact: treat cuts from steel edges as required.
Ingestion: not applicable.
Inhalation: remove from source of fumes and dust.

5. FIRE FIGHTING MEASURES
Non-flammable material.

6. ACCIDENTAL RELEASE MEASURES
Not applicable.

7. HANDLING AND STORAGE
Use suitable PPE when handling all products. Assess manual handling risks before lifting. All products should be stacked on firm level ground in dry conditions.

8. EXPOSURE CONTROLS
Wear personal protection such as gloves and safety goggles when handling products.
Some products may have a film of soluble cutting fluid after manufacture; therefore carry out personal hygiene, including proper washing of hands, after contact.

9. PHYSICAL AND CHEMICAL PROPERTIES
Mesh products are supplied in various lengths, widths and gauges. Metallic grey appearance.

10. STABILITY AND REACTIVITY
All products are stable under normal conditions but if subjected to high temperatures, fumes are produced.

11. TOXICOLOGICAL INFORMATION
High temperatures can produce fumes.

12. ECOLOGICAL INFORMATION
No known hazard.

13. DISPOSAL CONSIDERATIONS
Recycle or dispose of in accordance with Waste Management Licensing Regulations.

14. TRANSPORT INFORMATION
Not classified as hazardous for transport.

15. REGULATORY INFORMATION
Mesh products are articles therefore not subject to CHIP3.

16. OTHER INFORMATION
All products must be installed in accordance with Expamet Building Product's published instructions.

This Health and Safety Data Sheet is not a product specification guide. Any arrangement of Expamet products shown in this datasheet is indicative only. Actual fixing installations must comply with current Health and Safety requirements.

Tolerances: dimensions and weights are approximate due to the variations that can occur in the manufacturing process. Expamet operates a continuous development programme and reserve the right to amend specification with prior notification.

Expamet Building Products Limited, Greatham Street, Longhill Industrial Estate (North) Hartlepool TS25 1PU
Telephone 01429 866611 Fax 01429 866622 Email info@expamet.net