



British Lead

## Permastrip

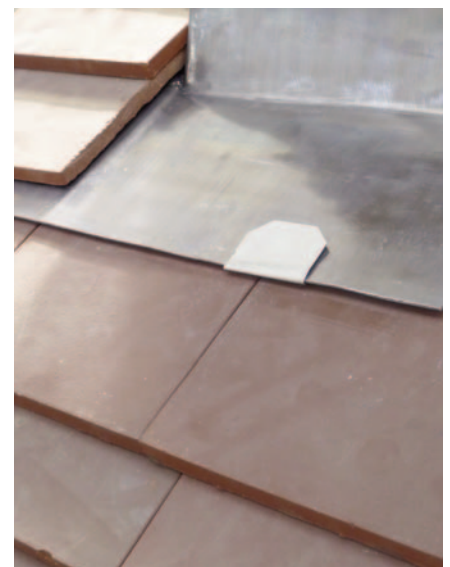
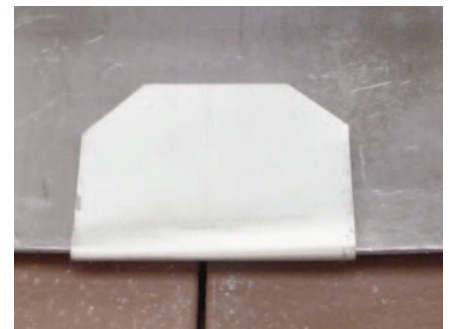


### Stainless steel coils for fixing clips

Permastrip is recommended by the Lead Sheet Association for use as fixing clips to prevent lifting of the free edges of Lead flashings in high wind conditions and should be used to secure cladding panels at both horizontal and vertical edges of bays.

#### Authority

Permastrip conforms to Lead Sheet Association guidelines and to BS 6915 specification for design and construction of fully supported Lead Sheet roof and wall coverings. The stainless steel conforms to BS EN 10088 Part 2.



## DESCRIPTION

### Composition and manufacture

Permastrip is manufactured from stainless steel in coils measuring 20m in length.

### Dimensions

Coil length 20m, width 50mm, thickness 0.5mm.

## SITWORK

### Installation

Permastrip should be cut to length to form clips that suit the application. Clips should be fitted to the substrate as near to the clipped edge of the Lead Sheet as possible as illustrated in Fig 1.

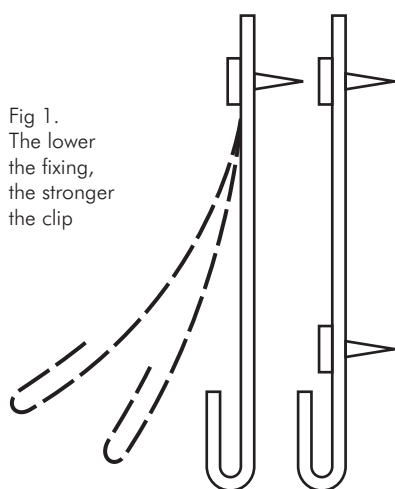


Fig 1.  
The lower  
the fixing,  
the stronger  
the clip

Lead Sheet flashings Clips should be fixed at lap joints and at the following centres:

Exposure of location	Spacing (mm)
Sheltered	500
Moderate	300 - 500

In sheltered locations, fixing at the top of the clip should be adequate. In all cases, the lowest fixing should be secured into the most convenient batten. For severe exposure, or when clipping over glass/single lap tiles, reference should be made to the Lead Sheet Association for details of stronger fixings.

It should be noted that ridge, hip and mansard flashings are more vulnerable to wind lift. An example of clip fixings for Lead flashings is shown in Fig 2.

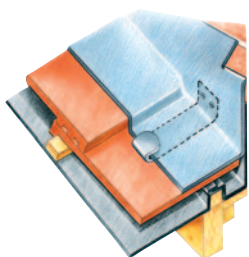


Fig 2.  
The lower the fixing the stronger  
the clip

### Lead Cladding

Clips should be incorporated in to roof and wall cladding panels at both horizontal and vertical joints. Clips used within hollow rolls, standing seams, welts and with the alternative wood-cored rolls for roof pitches above 30°.

The spacing of clips within the joints is normally between 300mm and 500mm depending on the position and exposure of the Leadwork.

Each clip is fixed to the substrate using three nails or two screws.

Clips at cross laps should be equally spaced and an expansion gap of at least 6mm should be allowed when the clip is turned around the free edge.

Detailing should be according to Lead Sheet Association guidelines, with intermediate fixings such as BLM Lead Dot Sets used where appropriate.

### Fixing

Clips may be cut with tin snips and crimped round the Lead Sheet with seaming pliers. Copper nails or countersunk stainless steel screws may be used where appropriate.

### Finishing

To prevent the run-off of white carbonate onto surrounding brickwork or tiles, Patination Oil or Lead-Cote should be applied to the underside of the Lead Sheet to a distance of approximately 150mm wherever possible.

### Health and safety

The normal health and safety procedures should be carried out when working with Lead. Operatives should not eat, drink or smoke in any place where contamination could occur.

Hands and arms should be washed before any meals or smoking. Particular care should be exercised when removing old Lead and when Lead welding - refer to Control of Lead at Work Regulations Approved Code of Practise, Regulations and Guidance (COP 2) Revised 2002.

## SUPPLY

Permastrip is available from BLM stockists. Please contact the BLM Sales Office for your nearest stockist.

## SERVICES

### Technical

Technical advice may be obtained from the company.

## REFERENCES

Further details on the full product range are contained in BLM's Superior Lead Products brochure. Pick up your free copy from any BLM stockist or request a copy by calling 0800 117882. Alternatively you can download a copy of the brochure in PDF format at [www.britishlead.co.uk](http://www.britishlead.co.uk).

BLM were the first Lead manufacturer to obtain both the ISO 9001 quality standard and ISO 14001 environmental accreditation.

**100% of BLM's raw material comes from recycled Lead.**

BLM are a trading division of H. J. Enthoven Limited and part of Eco Bat Technologies, the World's largest Lead recycling group.

BLM are members of the Lead Sheet Association which provides technical guidance and training for users and specifiers of Rolled Lead Sheet. [www.leadsheetassociation.org.uk](http://www.leadsheetassociation.org.uk)