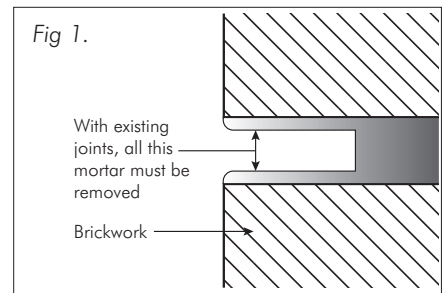




British Lead

# BLM Lead Pointing Sealant



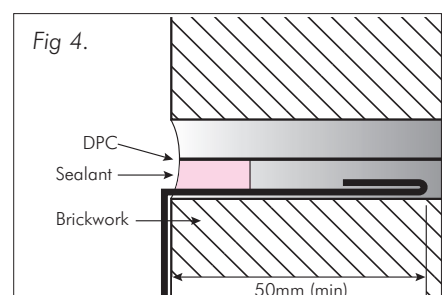
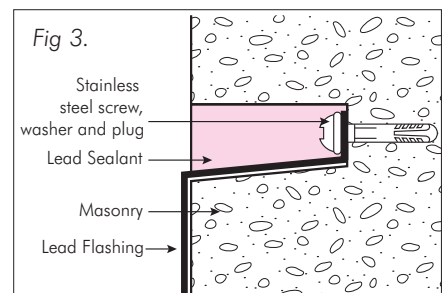
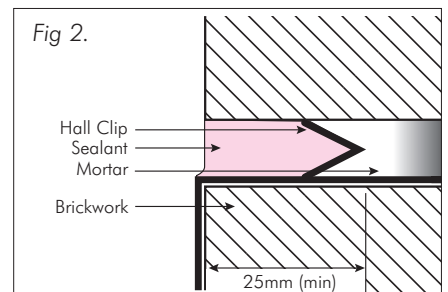
## For pointing joints between Lead and masonry or brickwork

The most common reason for water penetration at an abutment is failure of the mortar used in pointing the joint between the Lead and brickwork or masonry. This is due to the inability of the mortar to expand and contract at the same rate as the Lead and masonry during temperature changes. In extreme cases, the pointing will crack and allow water to penetrate the joint and subsequently cause dampness within the building fabric.

The simple solution to this problem is BLM Lead Pointing Sealant, a low modulus non-corrosive neutral cure silicone sealant which can be applied easily by use of a normal mastic gun.

### Authority

A low modulus non-corrosive neutral cure silicone sealant, recommended by the Lead Sheet Association.





## DESCRIPTION

### Composition and manufacture

Base Composition	Silicone rubber
Shore A Hardness	Approx 25

### Dimensions

Packaging	310ml plastic cartridge
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## PERFORMANCE

### Technical data

Max. Movement Capability	+ or -25%
Colour:	Lead Grey
Shelf life	One Year

### Heat

Tack-Free Time:	Approximately 30 minutes or longer dependent on ambient temperature
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Service Temperature Range: -65°C to +165°C

## SITWORK

### Installation

#### Cleaning joints

When removing mortar from an existing joint it is important to remove ALL the mortar to a depth of at least 25mm. (See Fig 1.).

#### Joints under 18mm wide

The joint should be at least 6mm wide to allow Hall Clips to be inserted to hold the Lead flashing in place prior to application of the BLM Lead Pointing Sealant. (See Fig 2.).

#### Joints over 18mm wide

Wide joints over 18mm will require a more substantial fixing than Hall Clips. It is recommended that stainless steel screws and washers are used at 450mm centres on flashing lengths of no longer than 1500mm. The joint should be pre-pointed with mortar and then pointed with sealant. (See Fig 3.).

Joints over 20mm wide should comprise half mortar and half sealant, the nozzle should be cut at an angle and the sealant applied to both the top and bottom of the joint once the mortar at the rear of the joint has set.

#### Joints with a DPC

Joints below a DPC can often cause problems if they are not fitted correctly. On new buildings the Flashing can be inserted during construction, using a single welt to hold it in position. A batten, the same height as the joint and 25mm wide may be used to support the DPC until the mortar has set. The batten is then removed leaving a clean void for pointing with BLM Lead Pointing Sealant. (See Fig 4.).

On existing buildings it is often better to chase out a joint at least 600mm below the DPC, this will avoid any potential damage to the damp proof membrane by disturbing the brickwork or masonry above it.

### Practical Advice

- Always ensure joints are thoroughly cleaned and no mortar remains (Fig 1.)
- The face of the sealant can be smoothed using a wet pointing tool
- Flashing lengths should not exceed 1500mm
- Joints under 18mm wide should be held in place with Hall Clips (Fig 2.)
- Joints over 18mm wide require stainless steel screws and washers (Fig 3.)
- Cut nozzle to width of joint
- Minimum depth of sealant not less than 10mm
- Ensure joint is completely dry before applying sealant

### Health & 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.

## MAINTENANCE

Whilst Lead flashings are generally maintenance free, it is advisable to occasionally check the condition of the pointing detail and security of free edges.

## SUPPLY

Please contact the BLM Sales Office for details of 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)