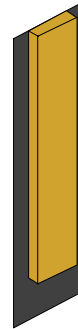


AIM Cavity Closers and Fire Closers

December 2003

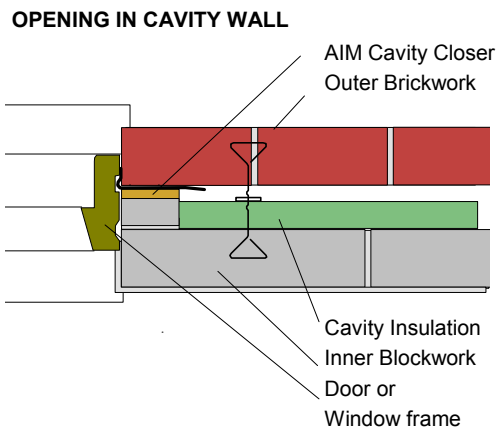
AIM semi-rigid mineral wool to polyethylene DPC Cavity Closers.

The mineral wool is non-combustible in accordance with BS476 part 4 (1970). The DPC conforms to BS6515 (1984). The Cavity Closer conforms with the 1994 Building Regulations and the National House Building Council Requirements. AIM Party Wall Fire Closers comply with Approved Document E 2003 to the Building Regulations.



AIM Cavity Closers

The AIM Cavity Closer system has been designed to reduce cold bridges when closing cavities at door and window frames. The AIM Cavity closer will accommodate movement in the building and allow for any irregularities in the cavity.



Dimensions

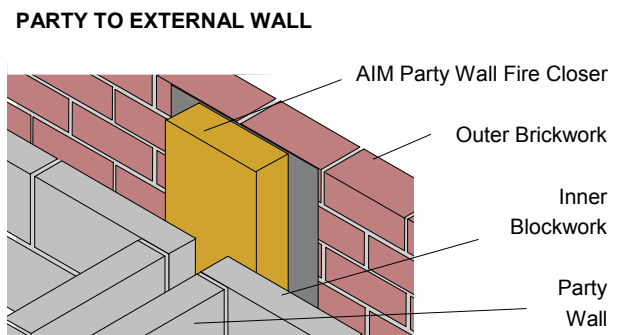
Standard sizes below.

AIM CAVITY CLOSER	
Mineral Wool Insulation	DPC—Polyethylene
Length: 2400mm	Length: 2600mm
Width: 100, 150, 190mm	Side Overlap: 40mm
Thickness: 20, 50, 65, 75, 100mm	Overlap each end: 100mm

Non standard sizes and DPC offsets are available

AIM Party Wall Fire Closers

The AIM Party Wall Fire Closer has been designed to provide at least 1 hour resistance to the spread of fire past the party wall of adjoining buildings. Where a separating wall meets the cavity wall, Building Regulations require the use of a mineral wool closer for sound insulation purposes. The AIM Party Wall Fire Closer will also meet this requirement significantly reducing flanking transmission through masonry wall cavities.



Dimensions

Standard sizes below. Other sizes are available to special order.

AIM PARTY WALL FIRE CLOSER	
Mineral Wool Insulation	DPC—Polyethylene
Length: 1200mm	Length: 1300mm
Width: 260mm	Side Overlap: 40mm
Thickness: 50, 65, 75, 90, 100mm	Bottom Overlap: 100mm

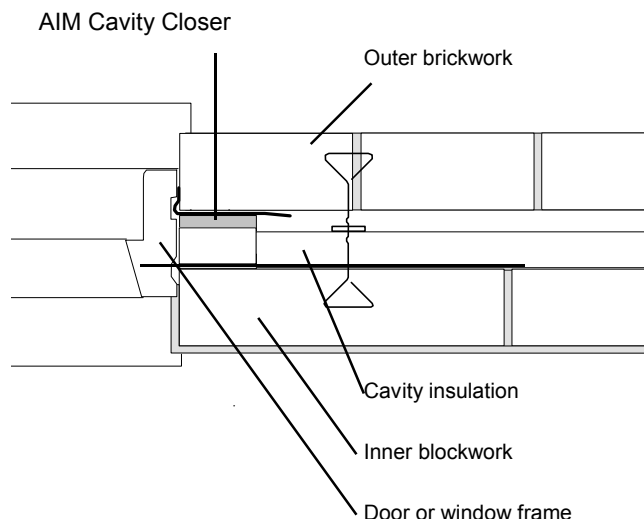
AIM Cavity Closers

Fixing Details

The AIM Cavity Closer should lie with the DPC against the inside face of the outer wall, one 40mm DPC overlap extending into the cavity, and the other overlap protruding from the cavity. This protruding lap should be folded against the side of the outer brickwork behind the window or door frame.

Where more than one AIM Cavity Closer is required, the Closers should be fitted with 100mm DPC overlap at the base. The next Closer should be installed to give a simple butt joint of the mineral wool insulation.

At the top of vertical Cavity Closers the DPC should be left extended to the inner leaf of the wall or sealed to the underside of the lintel.



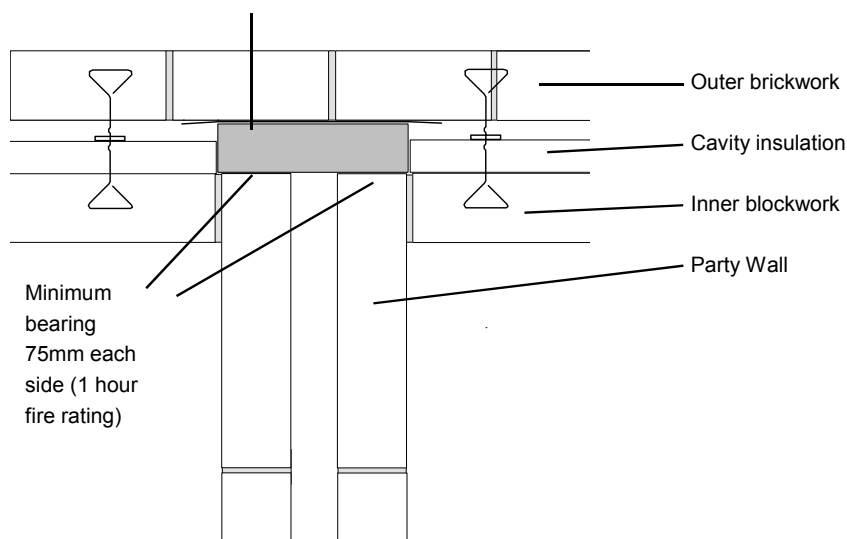
AIM Fire Closers

Fixing Details

The AIM Party Wall Fire Closer should be installed in the external cavity wall with an equal overlap to either side of the separating wall cavity. The bearing on either side must be at least 75mm for 1 hour fire ratings or 100mm for 2 hour fire ratings.

The Fire Closer should be fitted with the DPC overlap at the bottom. At the top of the Party Wall Fire Closers the DPC should be extended to the inner leaf of the wall to form a cavity tray or sealed to the underside of the lintel.

AIM Party Wall Fire Closer



Fire Resistance

The performance of the AIM fire protection range has been tested to BS 476 part 20 and assessed by Warrington Fire Research Centre. The AIM Party Wall Fire Closer will provide a fire rating of 1 hour, provided that the bearing width of the closer on each side of the party wall is at least 75mm; 2 hours if the bearing width is 100mm. The minimum bearing widths may be reduced for small gaps. AIM mineral wool products are incombustible to BS 476 part 4, rated Class 1 Surface Spread of Flame to BS 476 part 7 and comply with the performance requirements of Class O of the Building Regulations (does not apply to the DPC).

Handling & Storage

AIM rock wool products are easy to handle, but should be treated with relative care to ensure their integrity and shape is maintained. They should be stored in fairly dry conditions. Should indoor storage be impossible the product should be stacked clear of the ground and covered with a stout tarpaulin.

Composition & Durability

AIM rock wool products are chemically inert, will not sustain vermin and do not encourage the growth of rot, fungi, moulds or bacteria. They are compatible with all normal building materials. They do not degrade under normal conditions found in buildings, and will perform effectively for the life of the building.

AIM Limited

Comforts Place Farm, Tandridge Lane
Lingfield, Surrey, RH7 6LW
Tel: 01342 893 381
Fax: 01342 892 453
email: sales@aimlimited.co.uk
web: aimlimited.co.uk