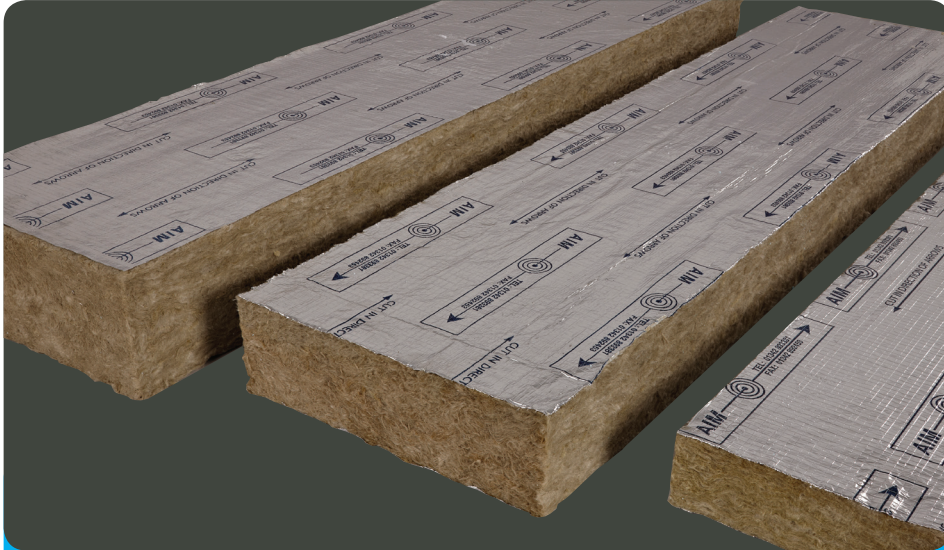


AIM Wall Cavity Fire Barrier & Fire Barrier Slab

Foil Faced Rockwool stone wool Fire and Smoke Barrier for all cavity walls and curtain walls, horizontal and vertical use



Specification

AIM CAVITY FIRE BARRIER

Lengths: 1000mm (Available cut to size or in slabs)

Foil Facing (with AIM logo)

Cavity widths: 50 - 600mm

(barrier to be compressed by about 5%)

- No mastics or sealants required
- Tested to BS 476 part 20 and assessed by Warrington Fire Research Centre
- Non-combustible to EN15301-1 and classified A1
- Faced with Class 0 reinforced aluminium foil for enhanced smoke resistance
- Ozone depletion potential of zero; no CFCs or HCFCs used in manufacture

AIM FIRE BARRIER SLAB

Slab thickness:

75mm: 60 minutes - Butt end

100mm: 120 minutes - Rebated end

Slab size:

1000 x 600mm and 1000 x 1200mm (full pallets only)

- Foil facing imprinted with AIM logo. Cut in the direction of the arrow

AIM Wall Cavity Barrier is made from foil faced high density Rockwool stone wool and is suitable for use in all cavity walls, as well as for fire stopping between a curtain wall system and a concrete floor slab. The barrier prevents the passage of flame and smoke within the cavity it fills for the period of fire rating, specified below.

Curtain Wall Systems

AIM Wall Cavity Barrier is suitable for use in curtain wall cladding systems. The performance of the fire barrier is dependent upon the integrity and stability of the cladding system in the region of the barrier.

Should the curtain wall cladding bow or distort significantly in a fire, the gap that the fire barrier is filling may widen causing loss of integrity. Where this is a possibility, the cladding system must be attached with steel brackets to the structural floor, close to the fire barrier, so the distance of separation cannot increase.

The system manufacturer of the curtain wall cladding system must confirm its suitability for use with fire barrier for the fire resistance period required

Fire Performance

Thickness is measured as the distance between one compartment and the next, which the fire stop or barrier is separating. The 60 minute barrier has butt end joints. The 120 minute barrier has lap end joints.

Fire Resistance Minutes	Thickness of Fire Barrier mm
60	75 - up to 300mm cavity 100 - up to 600mm cavity
120	100mm with lap joints
240	100 EHD* with lap joints

*EHD = Extra high density barrier

Clip Selection Table

Maximum Cavity mm	No. of Clips per length of barrier	Clips Gauge mm
400	2	0.9
500	3	1.2
600	3	1.6

SAFETY NOTE - CLIPS

Clips must not be installed with the sharp points left exposed at any time, due to risk of serious injury.

