

Product Description

Abesco 'FR' Movement Joint is a flexible and compressible fire retardant foam strip which is factory coated with a heat reactive intumescent, and is designed to maintain the fire resistance of compartment walls & floors where designed movement / expansion joints are required. Gap widths up to 100mm wide can be accommodated, and FR Movement Joint is supplied in easy to handle lengths of 1 Metre. The graphite intumescent is unaffected by atmospheric moisture making it suitable for use in areas of high humidity or moisture content.

Nominal dimensions * (all in mm) for a given Fire Rating are as follows:

Gap Size	90 min Depth	120 min Depth	180 min Depth	240 min Depth
10	25	25	35	40
20	25	30	40	50
30	25	30	40	50
40	30	35	45	55
50	35	45	60	75
60	35	45	65	90
70	40	50	75	105
80	40	50	85	105
90	45	55	85	105
100	50	60	85	105

* There are reduced depths for specific horizontal and vertical constructions, if known. Please contact Abesco for further details.

Fire Performance Table

Gap Width	Integrity
Up to 100 mm	240 mins

Test Standards

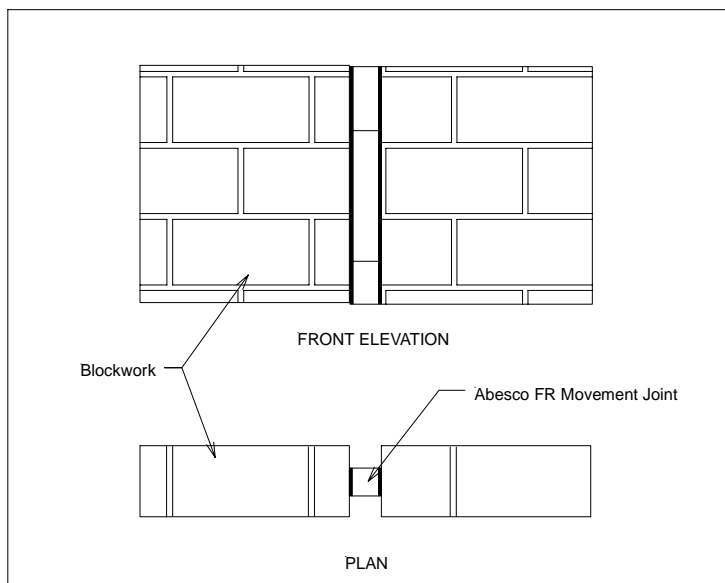
Tested in accordance with the methodology and criteria described in:

■ BS 476 part 20:1987

As part of our policy of ongoing improvement, we reserve the right to modify, alter or change product specifications without giving notice. Product illustrations are representations only. All information contained in this document is provided for guidance only, and as Abesco Limited has no control over the installation methods of the products, or of the prevailing site conditions, no warranties expressed or implied are intended to be given as to the actual performance of the products mentioned or referred to, and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given of products mentioned or referred to herein.

Abesco Ltd, Abesco House
Laurencekirk Business Park
Laurencekirk
Scotland, UK
AB30 1EY

Typical Detail



Installation Instructions

- 1 The joint surfaces must be clean and dry and any debris and dust should be removed
- 2 Check that the section size of the FR Movement Joint is correct for the gap width and fire rating required.
- 3 Ensure that the void into which the FR Movement Joint is to be installed is free from debris throughout the full length. Clear any obstructions within the void prior to commencing installation.
- 4 Compress the FR Movement Joint sufficiently to enable the section to be positioned within the void and remain in place supported by its own compression.
- 5 FR Movement joint is supplied 'oversize' to allow for the minimum compression requirement.
- 6 To ensure the integrity of the seal over its full length, Abesco FR Intumescent or FR Silicone mastic can be applied to all butt joints between each 1 metre length of FR Movement Joint.
- 7 Abesco FR Silicone mastic can be applied to the exposed face of the joint if required.