

ARC FIRE STOP STRIP

Fire rated void filler for masonry construction

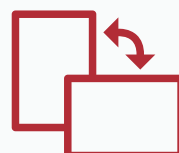
- » Up to **four hours** fire integrity
- » Ideal for **closing voids** at the top of masonry walls
- » Suitable for both **vertical and horizontal** applications
- » **Third-party certificated** by IFC



Third Party
Certificated



Exceeds Performance
Requirements



Horizontal & vertical
applications



Easy installation

Application

ARC Fire Stop Strip is designed to prevent the passage of flames through narrow voids in the construction, offering up to four hours fire integrity when installed between masonry or concrete. Possible applications include: top of masonry walls under the soffit, above partitions, expansion joints, and between ceilings and walls.

Key Stats

Length supplied	1.2m
Third-party certification	IFC certificate number: IFCC 1732
Insulation	Non-combustible rockfibre mineral wool
Thermal conductivity	0.035W/mK
Fire Resistance (Integrity)	Up to 4 hours
Mass	Data available on request
Test standard	EN 1366-4:2006 + A1 2010 and EN1366-4:2021
Cavity widths available	Masonry
Orientation	Vertical or horizontal

Installation

The person installing the ARC Fire Stop Strip should first familiar themselves with this datasheet, ensuring the correct product is being fitted into the cavity.

ARC Fire Stop Strip is easily installed, simply push fitting into the void to create a friction fit. No adhesive or mastic is required, but care must be taken to ensure no gaps remain as these will compromise the fire integrity.

Care should be taken when handling the product to ensure that the mineral wool isn't damaged.

Fire Properties

ARC Fire Stop Strip has been fire tested at Warrington Fire Research, achieving up to four hours fire integrity when installed between block and concrete structural elements. Tests were carried out in accordance with EN 1366-4:2006 + A1 2010.

IFC certificate number: IFCC 1732

Product Sizing Table

The product code references the size of the product and therefore will not include any compression. If you require compression as described in the applications above, please account for this when placing an order.

Mass data available on request. If you are uncertain of the product size required for your cavity size and selected installation method, please contact Customer Support.

Product Code	Maximum Gap Size	Dimensions	Fire Performance		Pack Qty	Packs Per Pallet
			Integrity	Insulation		
FSS100/10	10mm	10 x 100 x 1200mm	4 hrs	3 hrs	100	10
FSS100/15	15mm	15 x 100 x 1200mm	4 hrs	3 hrs	100	10
FSS100/20	20mm	20 x 100 x 1200mm	4 hrs	3 hrs	50	10
FSS100/25	25mm	25 x 100 x 1200mm	4 hrs	3 hrs	50	10
FSS100/30	30mm	30 x 100 x 1200mm	4 hrs	3 hrs	50	10
FSS100/40	40mm	40 x 100 x 1200mm	4 hrs	3 hrs	50	10
FSS100/50	50mm	50 x 100 x 1200mm	4 hrs	3 hrs	40	10
FSS140/10	10mm	10 x 140 x 1200mm	4 hrs	3 hrs	40	10
FSS140/15	15mm	15 x 140 x 1200mm	4 hrs	3 hrs	40	10
FSS140/20	20mm	20 x 140 x 1200mm	4 hrs	3 hrs	40	10
FSS140/25	25mm	25 x 140 x 1200mm	4 hrs	3 hrs	30	10
FSS140/30	30mm	30 x 140 x 1200mm	4 hrs	3 hrs	30	10
FSS140/40	40mm	40 x 140 x 1200mm	4 hrs	3 hrs	30	10
FSS140/50	50mm	50 x 140 x 1200mm	4 hrs	3 hrs	30	10

All performance claims can be evidenced on IFC certificates IFCC 1732.

Can't find your external gap size? ARC Fire Stop Strip can be manufactured to suit most voids up to 50mm thick.

Call our technical experts on 0113 252 9428 to discuss your requirements.

Standards

ARC Fire Stop Strip is manufactured using rockfibre mineral wool which achieves a fire classification of Euroclass A1 as defined in BS EN 13501-1.

ARC's rockfibre mineral wool insulation has a thermal conductivity of 0.035W/mK.

As required by building regulations, the mineral wool is encapsulated in polythene. This element is not non-combustible.

Storage & Packaging

ARC Fire Stop Strips are supplied in polythene packs which are designed for transporting and protecting the products. It is not recommended that the packs are stored in direct sunlight. When storing the barriers for longer periods of time it is recommended that the product should be stored indoors, or under cover especially during inclement weather or overnight.

Health & Safety

At ARC Building Solutions, safety is a top priority, both in how we work and the products we supply.

We've carefully assessed the materials we use, and we're pleased to say our rockfibre mineral wool isn't classed as a possible carcinogen. This means that, in line with UK regulations, our products don't require a safety data sheet.

Our products have no hazardous classifications under UK REACH and GB CLP regulations when it comes to physical, health, or environmental risks.

As always, we recommend following the product instructions when handling and installing ARC products. If you'd like more information on our approach to health and safety as a whole, just ask us for a Safety Data Sheet (SDS).

Environment

No CFCs or HCFCs are involved in the manufacturing process of ARC's rockfibre mineral wool insulation.

ARC Fire Stop Slab has a Green Guide rating of A+.

Any information provided within this document is intended for guidance only. Expert technical advice should be sought before specification or installation of any product. It is of particular importance to ensure that any fire barrier or fire stopping product is tested for use with the exact application intended. ARC Building Solutions Ltd cannot accept liability for failure where usage is outside of the standard application, including but not limited to, where deflection or distortion has allowed gaps to form around the barrier, or where the barrier is not fitted in accordance with the manufacturer's guidelines. Due to the protective polythene, the product as a whole cannot be classified as A1 non-combustible.

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