



Fire Stop Strip



Key Features

- Four hours fire integrity
- Excellent acoustic properties
- Robust Detail compliant
- Vertical and horizontal applications



Description

The ARC Fire Stop Strip prevents the passage of smoke and flames through narrow voids in buildings. Manufactured from high density rockfibre mineral wool, it is held in place by compression.

Applications:

- Top of masonry wall under soffit
- Above partitions
- Expansion joint in masonry wall
- Within metal cladding systems
- Between ceilings and walls

Installation

ARC Fire Stop Strips are designed to be friction fitted negating the need for adhesive or mastic. Care should be taken to ensure butt joints are closely fitted and that the product fully fills the void.

Dimensions

When used over blockwork just below the floor slab the standard dimensions are as follows:

1200mm x 100mm x thickness of void

1200mm x 140mm x thickness of void

Fire Stop Strips can be manufactured to specific requirements.

Fire Properties

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

ARC Fire Stop Strips are tested at Warrington Fire Research, achieving up to 4 hours fire integrity. The Fire Stops are tested to BS 476: Part 20: 1987 Methods for Determination of the Fire Resistance of Elements of Construction (General Principles).
Warrington Fire Research Certificate number: 189654

Thermal Properties

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

Standards

The rockfibre mineral wool used in the manufacture of ARC Fire Stop Strips conforms to BS EN 13162 and EN16001 Energy Management Systems.

Storage and Packaging

ARC Fire Stop Strips are supplied in polythene packs which are designed for transporting and protecting the products, or shrink wrapped on a pallet. When storing products for longer periods of time, it is recommended that the product should be stored indoors or under cover.

Environment

ARC's rockfibre mineral wool has no CFCs or HCFCs involved in the manufacturing process and represents no known threat to the environment, and is classed as zero ODP and zero GWP.

ARC Fire Stop Strips have a Green Guide rating of A+.

Standard Dimensions

Product Code	Dimensions	Fire Rating
FSS100/10	10 x 100 x 1200mm	4 hrs
FSS100/15	15 x 100 x 1200mm	4 hrs
FSS100/20	20 x 100 x 1200mm	4 hrs
FSS100/25	25 x 100 x 1200mm	4 hrs
FSS100/30	30 x 100 x 1200mm	4 hrs
FSS100/40	40 x 100 x 1200mm	4 hrs
FSS100/50	50 x 100 x 1200mm	4 hrs
FSS140/10	10 x 140 x 1200mm	4 hrs
FSS140/15	15 x 140 x 1200mm	4 hrs
FSS140/20	20 x 140 x 1200mm	4 hrs
FSS140/25	25 x 140 x 1200mm	4 hrs
FSS140/30	30 x 140 x 1200mm	4 hrs
FSS140/40	40 x 140 x 1200mm	4 hrs
FSS140/50	50 x 140 x 1200mm	4 hrs

Health and Safety

ARC Building Solutions has an approved Health and Safety Policy and is committed to working and supplying products safely. ARC's rockfibre mineral wool is not classed as a possible human carcinogen. We have assessed products as required by Substances Hazardous to Health Regulations (COSHH). An ARC COSHH data sheet is available and can be downloaded from ARC's website.