Spandrel Barrier

fire stopping between party wall blockwork and spandrel panel

key features

- Up to four hours fire integrity around edge of party wall
- Up to one hour fire integrity between the spandrel panel and blockwork
- Use in conjunction with ARC T-Barrier vertically to create an effective edge seal around the party wall cavity
- Zero U-value can be achieved
- Minimises thermal bypass
- Easy to install

Patent protected 2553619

Application

ARC Spandrel Barrier seals the top of the party wall cavity, allowing a zero U-value to be achieved when used in conjunction with ARC T-Barrier vertically. Spandrel Barrier is compressed between the top of the party wall blockwork and underside of the spandrel panel, creating a fire and thermal break.

Installation

ARC Spandrel Barrier is designed to be fitted across the top of party wall blockwork underneath a timber spandrel panel. Installation is easy, the barrier simply push fits into the top of the party wall cavity. The spandrel panel then drops on top, compressing the barrier and creating a fire and thermal break between the spandrel panel and blockwork. Lengths of ARC Spandrel Barrier should be butted tightly together, with care taken to ensure no gaps remain.

Fire Properties

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

ARC Spandrel Barrier has been fire tested at Warrington Fire Research, achieving up to four hours fire integrity in masonry party wall cavity, and up to one hour between a timber spandrel panel and the top of party wall blockwork. These tests comply with BS 476: Part 20: 1987 and BSEN 1366-4: 2006, using the test method stated EGOLF TC2 N421 (fire resistance for cavity barriers).
Warrington Fire Research certificate number: 189654
Chiltern International Fire certificate number: 10039

Don't take our word for it, see our certification...

Assessed to ISO 9001 & ISO 14001
BRE Certificate No. 1227

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Spandrel Barrier

Standard Dimensions

Product Code	Party Wall Cavity Width	Block Width	Dimensions	Pack Qty	Packs Per Pallet
SPB75/100	75mm	100mm	90/75 x 25/175 x 1200mm	12	12
SPB100/100	100mm	100mm	120/100 x 25/200 x 1200mm	12	12
SPB75/140	75mm	140mm	90/75 x 25/215 x 1200mm	12	12
SPB100/140	100mm	140mm	120/100 x 25/240 x 1200mm	12	12

Standards

ARC Spandrel Barrier is manufactured using rockfibre mineral wool which achieves a fire classification of Euroclass A1 as defined in BS EN 13501-1, and conforms to BS EN 13162 and EN16001 Energy Management Systems.

ARC's rockfibre mineral wool insulation has a thermal conductivity of 0.037W/mK.

Storage and Packaging

ARC Spandrel Barrier is 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.

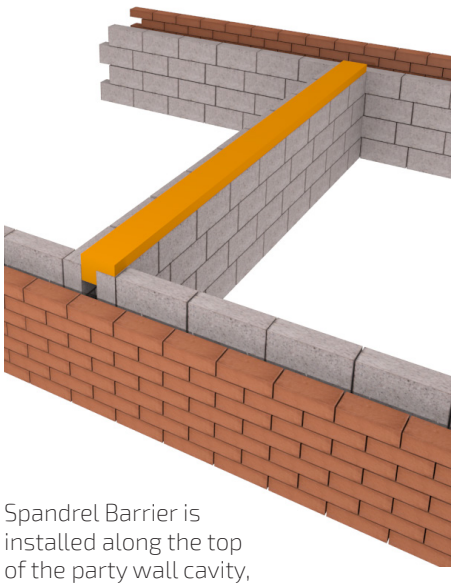
Environment

No CFCs or HCFCs are involved in the manufacturing process of ARC's rockfibre mineral wool insulation. The material presents no known threat to the environment and is classed as ODP and GWP zero.

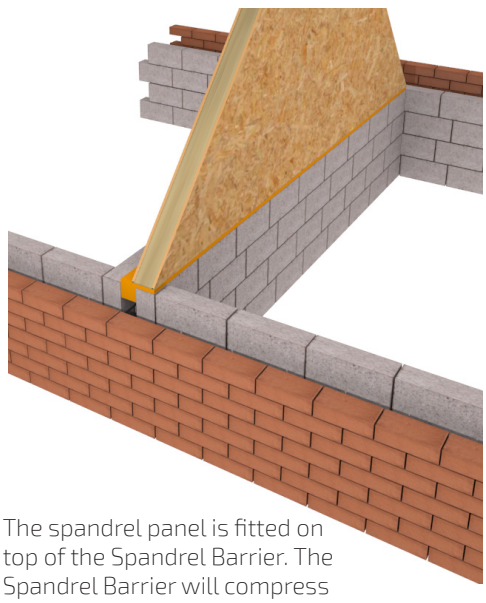
ARC Spandrel Barrier has a Green Guide rating of A+.

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.



Spandrel Barrier is installed along the top of the party wall cavity, creating an effective edge seal.



The spandrel panel is fitted on top of the Spandrel Barrier. The Spandrel Barrier will compress and form a seal between the blockwork and spandrel panel.