0113 252 9428
arcbuildingsolutions.co.uk
sales@arcbuildingsolutions.co.uk

Protecting **People.**
Protecting **Places.**

ARC SPANDREL BARRIER

Fire stopping between party wall blockwork and spandrel panel



- Up **3 hours** fire integrity
- 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
- **Reduces** thermal bypass
- **Patent protected** 25531619
- **Third party certificated** by IFC

Third Party Certificated

Exceeds Performance Requirements

Excellent Thermal Properties

Fire Product

NBS Source PARTNER

IFC Certification

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

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

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.

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

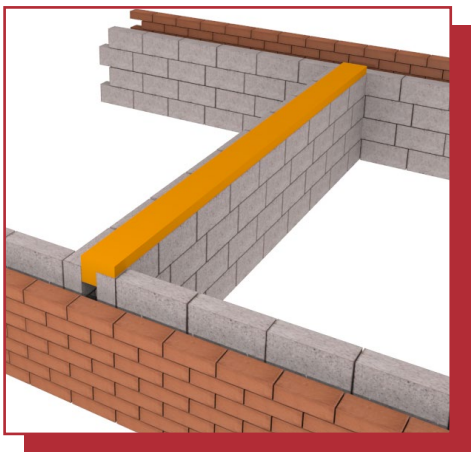
Fire Properties

ARC Spandrel Barrer has been fire tested in accordance with the principles given in EN1366-4, achieving 180 mins fire integrity and insulation.

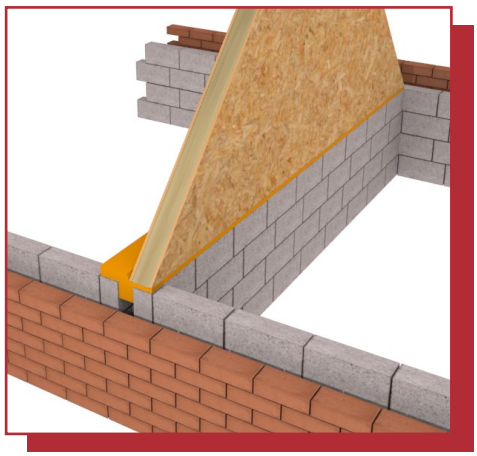
ARC Spandrel Barrier is third-party certificated by IFC Certification. IFC's product certification is designed to give confidence to architects, specifiers, contractors, users, occupiers and owners that products have been thoroughly and independently evaluated, and will continue to be manufactured to the same specification as originally tested. Certificates can be verified and downloaded from IFCC's website.

IFC certificate number: IFCC 1960

Test reports and material datasheets are all available upon request.



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.

0113 252 9428
arcbuildingsolutions.co.uk
sales@arcbuildingsolutions.co.uk

arc®
Protecting People.
Protecting Places.

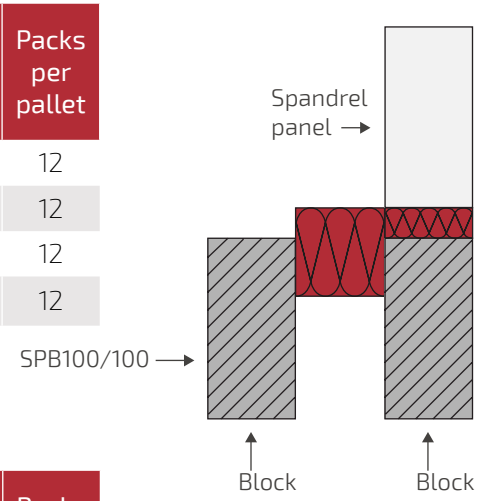
Key Stats

Insulation	Non-combustible rockfibre mineral wool
Thermal conductivity	0.037W/mK
Fire Resistance (Integrity)	Up to 180 minutes
Fire Resistance (Insulation)	Up to 180 minutes
Third-party certification	IFC certificate number: IFCC 1960
Test standard	EN1366-4:2021
Mass	Data available on request

Product & Packaging Specifications

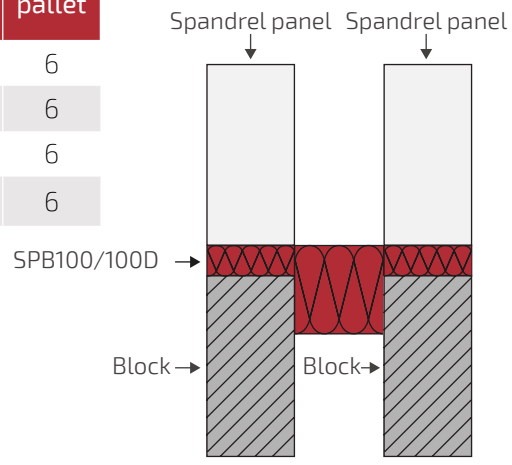
SPB100/100 (standard)

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 1200m	12	12



SPB100/100D (dual)

Product Code	Party Wall Cavity Width	Block Width	Dimensions	Pack Qty	Packs per pallet
SPB75/100D	75mm	100mm	90/75 x 25/300 x 1200mm	12	6
SPB100/100D	100mm	100mm	120/100 x 25/300 x 1200mm	12	6
SPB75/140D	75mm	140mm	90/75 x 25/380 x 1200mm	8	6
SPB100/140D	100mm	140mm	120/100 x 25/380 x 1200m	8	6



All performance claims can be evidenced on IFC certificates IFCC 1960.

Can't find your external cavity size?

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

0113 252 9428
arcbuildingsolutions.co.uk
sales@arcbuildingsolutions.co.uk

arc®
Protecting People.
Protecting Places.

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.

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

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

Non-Standard Applications

Where usage falls outside of the certificated scope, for example when used with external cladding, or with an internal metal frame system, performance of the fire barrier will depend heavily upon the structural integrity and fire performance of the surrounding construction.

Specifiers must ensure all construction elements that make up part of the internal or external leaf of the wall, including support systems, are suitable for use with a cavity fire barrier for the length of fire integrity and insulation required. Particular attention must be paid to any possible deflection or distortion which could cause gaps to form between the construction and any fire barrier installed.

In the event of a fire, 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.

Storage & 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 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. Additionally, the mineral wool has a Green Guide rating of A+.

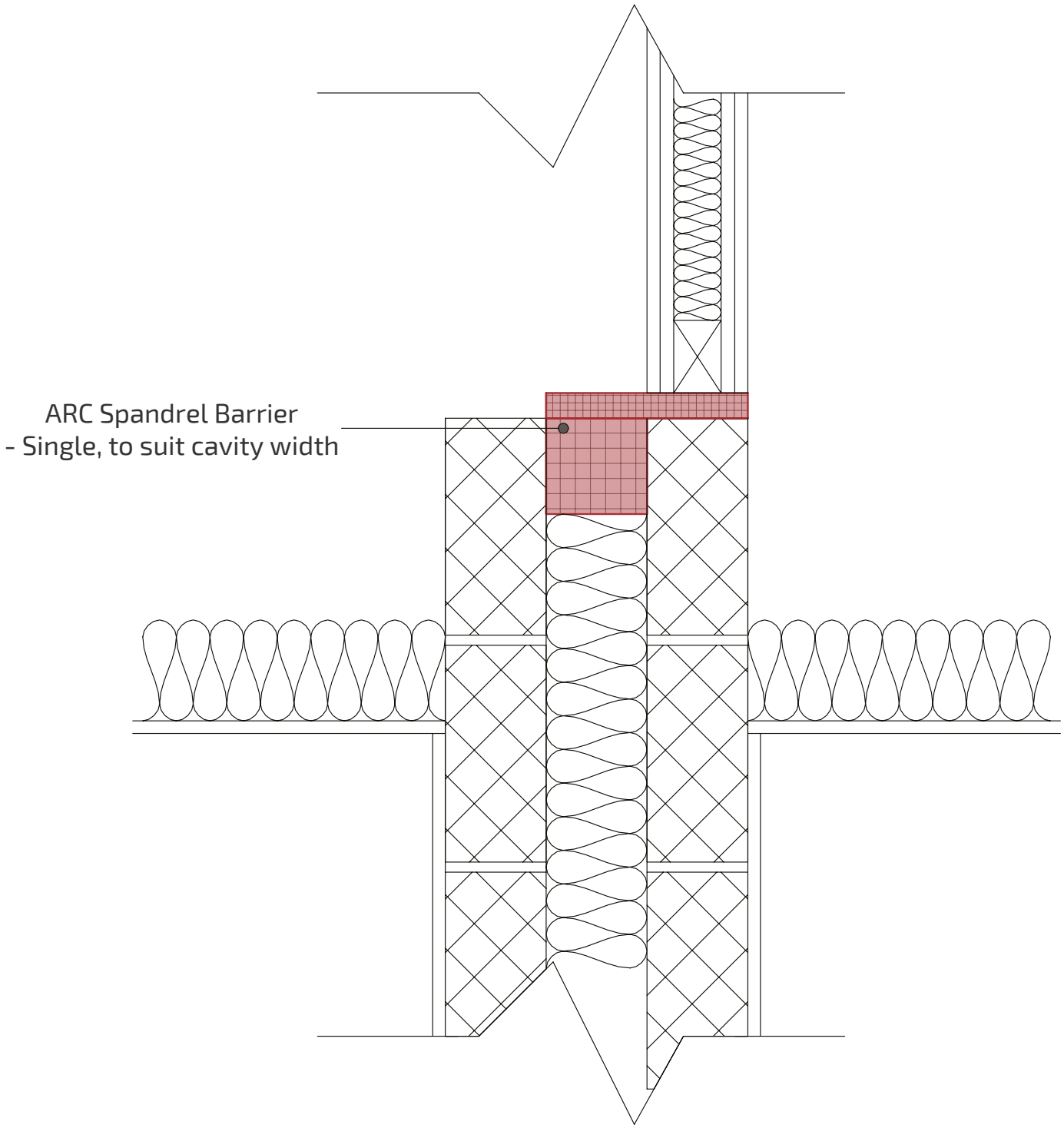
This product can be disposed of via landfill; preferably, the product should be returned to ARC Building Solutions so that the waste can be separated and recycled accordingly.

0113 252 9428
arcbuildingsolutions.co.uk
sales@arcbuildingsolutions.co.uk

Typical Detail Example

Please find a selection of detail drawings for typical details where the Spandrel Barrier has been installed.

ARC Spandrel Barrier Section



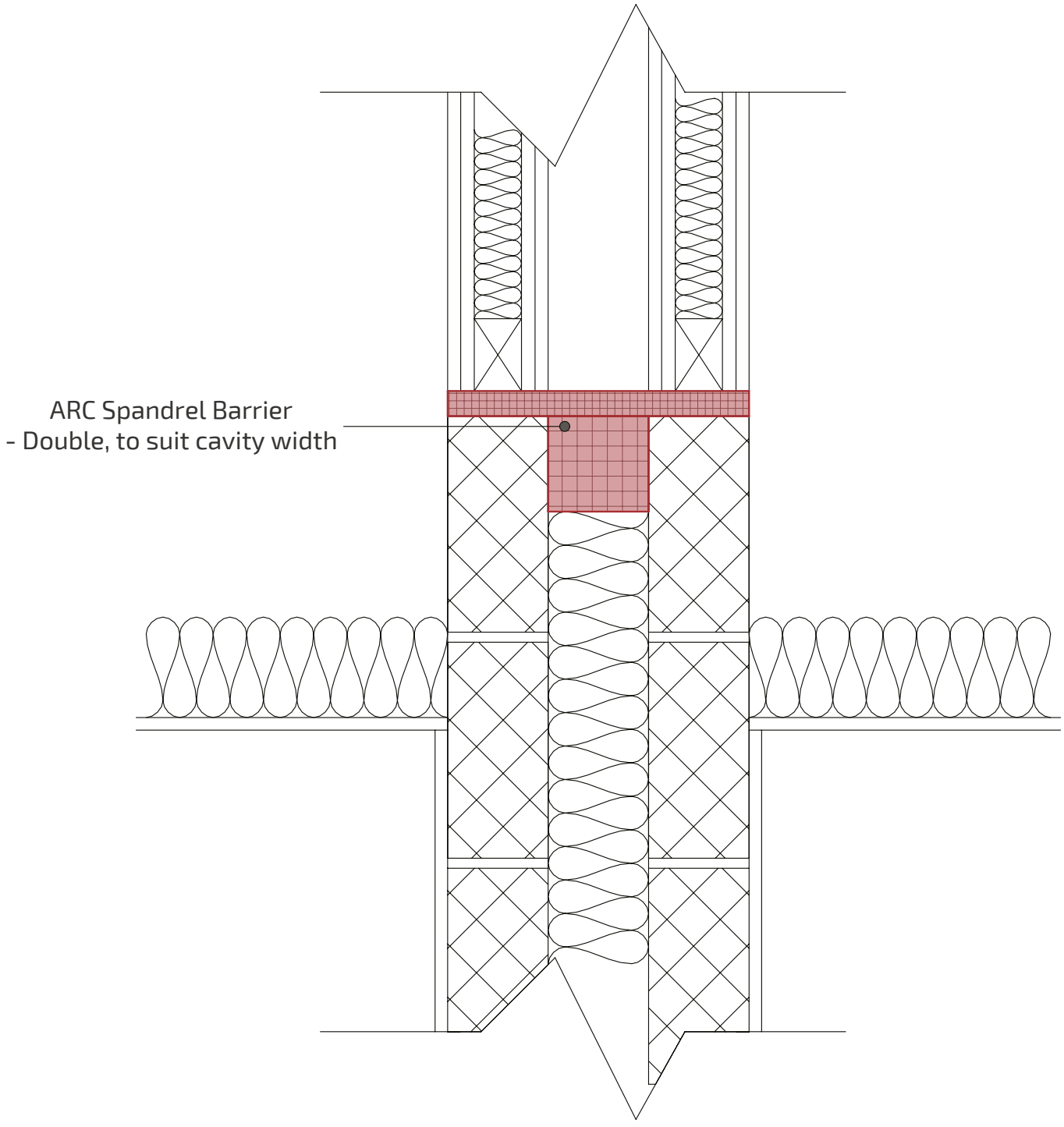
0113 252 9428
arcbuildingsolutions.co.uk
sales@arcbuildingsolutions.co.uk

arc®
Protecting **People.**
Protecting **Places.**

Typical Detail Example

Please find a selection of detail drawings for typical details where the Spandrel Barrier has been installed.

ARC Spandrel Barrier - Double Section



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.

© 2025 ARC Building Solutions Ltd. ARC and T-Barrier are registered trademarks of ARC Building Solutions Ltd.

0113 252 9428
arcbuildingsolutions.co.uk
sales@arcbuildingsolutions.co.uk

Protecting **People.**
Protecting **Places.**