

# U-Barrier

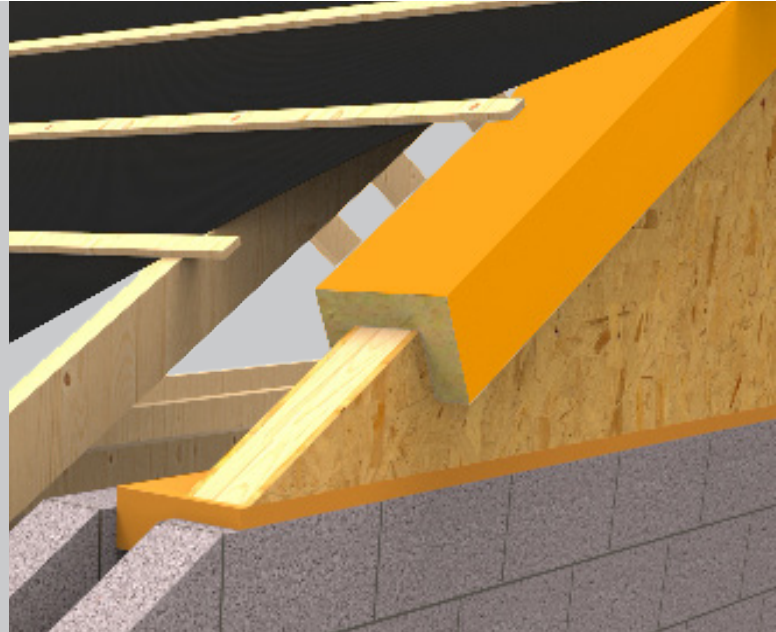
fire stopping between  
spandrel panel and roof covering



## key features

- » Enhances fire protection at the junction between the spandrel panel and roof
- » Easy to install before the spandrel panel is fitted
- » Use in conjunction with ARC Spandrel Barrier to provide complete fire stopping around the spandrel panel
- » Complies with building regulations and NHBC 7.2.16

Patent protected 2553619



## Application

ARC U-Barrier is compressed between the top of the spandrel panel and underside of the roof covering, creating a fire and thermal break.

NHBC 7.2.16 recommends a 25mm gap between the separating wall and the top of adjacent roof trusses, which should be filled with mineral wool. ARC U-Barrier satisfies this recommendation.

## Installation

ARC U-Barrier is designed to be fitted across the top of the spandrel panel underneath the roof covering. Installation is easy, the barrier simply push fits over the top of the spandrel panel. Lengths of ARC U-Barrier should be butted tightly together, with care taken to ensure no gaps remain.

## Fire Properties

ARC U-Barrier complies with building regulations for fire stopping at the pitched roof party wall detail, as well as NHBC 7.2.16.

## Standards

ARC U-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.

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



Certificate Number 19310  
ISO 9001, ISO 14001

## U-Barrier

### Storage and Packaging

ARC U-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.

### Acoustic Properties

The rockfibre mineral wool insulation used in the manufacture of ARC U-Barrier has the following acoustic absorption properties. Figures quoted were achieved with a solid backing.

Thickness	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
40mm	0.19	0.46	0.79	0.92	1.00	1.00
100mm	0.57	1.00	1.00	1.00	1.00	1.00

### 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 U-Barrier has a Green Guide rating of A+.

### Health and Safety

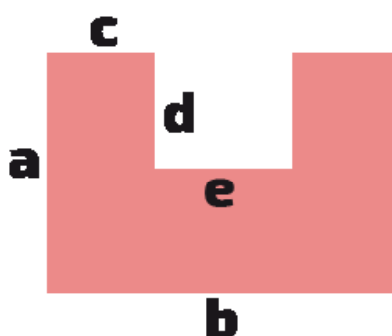
ARC Building Solutions has an approved Health and Safety Policy and is committed to working and supplying products safely. ARC's rockfibre mineral wool is not classed as a possible human carcinogen. We have assessed products as required by Substances Hazardous to Health Regulations (COSHH). An ARC COSHH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

### Standard Dimensions & Packaging Specification

Product Code	Suits Spandrel	Dimensions	Pack Qty	Packs per pallet
UB100	Single 100mm	150/200x55x100/90x1200mm	12	10

### Dimensions explained...

a/b x c x d/e x length



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.

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