

T-Barrier® Pitched Roof



fire stopping between party wall and roof covering

key features

- » Provides fire stopping at the head of a block party wall
- » Complies with NHBC 2017 7.2.16
- » Held in position by compression fit within the party wall cavity
- » Sits in compression directly under the roofing membrane



Application

The ARC T-Barrier Pitched Roof is designed to provide a fire, thermal and acoustic barrier between the top of the party wall blockwork and the underslats felt. The product is fitted along the length of the roof pitch, from soffit to apex ensuring an effective and consistent barrier.

NHBC 7.2.16 states that a separating wall should stop 25mm below the top of the adjacent roof trusses. ARC T-Barrier Pitched Roof is designed to compress within this gap, satisfying the NHBC recommendation for a mineral wool fire barrier.

Installation

The ARC T-Barrier Pitched Roof is easily installed once the party wall blockwork is complete, with the unique T-shape being held in place by compression between the two leaves of party wall blockwork.

Fire Properties

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

ARC T-Barrier Pitched Roof achieves up to four hours fire integrity where it closes the top of the party wall cavity. Tests were carried out by Exova Warrington in accordance with BS 476: Part 20: 1987 and BSEN 1366-4: 2006, using the test method stated EGOLF TC2 N421 (fire resistance for cavity barriers).

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



T-Barrier Pitched Roof

Standards

ARC T-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 T-Barriers 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.

Acoustic Properties

The rockfibre mineral wool insulation used in the manufacture of ARC T-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 T-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	Party Wall Cavity	Void Thickness	Dimensions	Pack Qty	Packs per Pallet
TBR50/25	50mm	25mm	65/65 x 50/300 x 1200mm	9	10
TBR75/25	75mm	25mm	90/75 x 50/300 x 1200mm	9	10
TBR100/25	100mm	25mm	120/100 x 50/300 x 1200mm	9	10
TBR125/25	125mm	25mm	135/120 x 50/300 x 1200mm	6	12
TBR150/25	150mm	25mm	160/120 x 50/300 x 1200mm	3	14