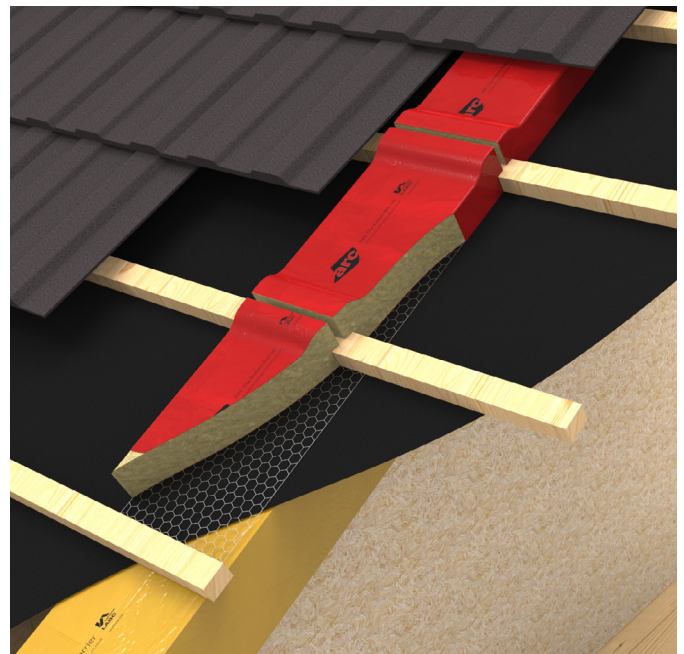




WIRED TILE BATTEN BARRIER

Fire stopping between roof covering and underside of tiles

- » Up to 2 hours fire integrity
- » Provides fire stopping between roof tiles and roof membrane
- » Complies with NHBC 2017 7.2.16
- » Quickly and easily installed as the tile battens are fitted
- » Manufactured from non-combustible wire reinforced rockfibre mineral wool insulation
- » Use as part of the ARC Party Wall System to create a complete party wall fire stopping solution
- » Third party certificated by IFC



WIRED TILE BATTEN BARRIER



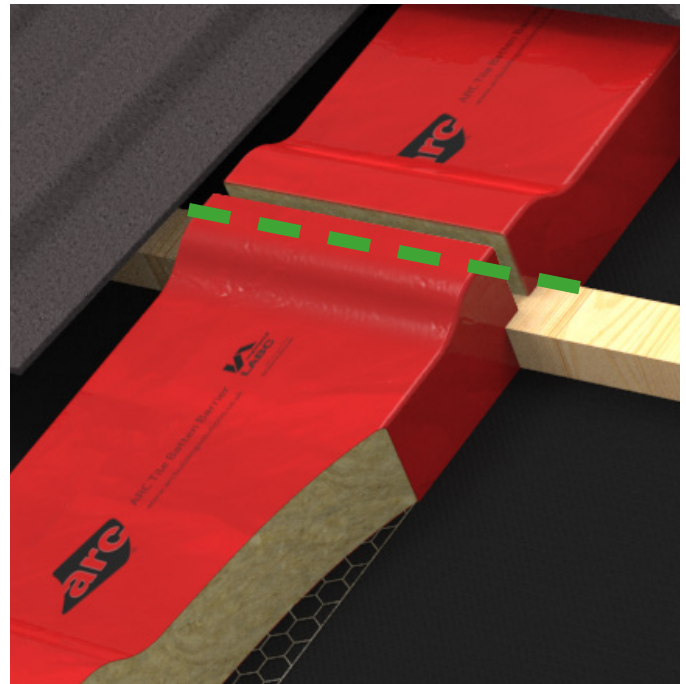
Installation

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

The ARC Wired Tile Batten Barrier is supplied in 1250mm lengths and are supplied baled to minimise waste packaging and offer easy handling on site

Installation is carried out as the tile battens are fixed, after the roof covering has been fitted.

- » Position the ARC Wired Tile Batten Barrier at the party wall line above the roof covering and before the tile battens are fitted
- » Use a knife to cut through the insulation of the ARC Wired Tile Batten Barrier in line with the leading (top) edge of the tile batten. You should not cut through the wire mesh, and care must be taken to not damage the roof covering underneath
- » Work the tile batten into the cut in the insulation. The lower edge of the tile batten should be covered by insulation as shown. This ensures that the gap between the batten and underside of the roof tile, once fitted, are filled
- » Before moving on, check the insulation has recovered to a height that will fill to the back of the roof tile when fitted. Where necessary, work the material so that no gaps will remain once the tiles have been fitted
- » Care should be taken when handling the product to ensure that the mineral wool isn't damaged.



Key Stats

Length supplied	1250mm
Width	200mm
Fire Integrity	120 minutes
Insulation	120 minutes
Test Standard	EN1366-4
Third-Party Certification	Wired Tile Batten Barrier: IFC certificate number: IFCC 1962
Thickness	50mm
Thermal conductivity	0.040W/mK
Mass	Data available on request

Standard Dimensions & Packaging Specification

Product Code	Dimensions	Lengths per pack	Packs per Pallet
WTBR1250/200/50	50 x 200 x 1250mm	5	30

WIRED TILE BATTEN BARRIER



Application

The ARC Wired Tile Batten Barrier is designed to provide a fire, thermal and acoustic break at the party wall between the roof tiles and roof membrane. It can be used in conjunction with the ARC Party Wall System to create a complete fire break at the separating wall between two dwellings.

Fire Properties

ARC Wired Tile Batten Barrier has been fire tested in accordance with the principles given in EN1366-4, achieving 120 minutes fire integrity and 120 minutes insulation within a masonry construction. Real world performance may be affected by the fire performance of supporting and abutting elements, for example the roof structure and membrane.

ARC Wired Tile Batten 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 1962

Test reports and material datasheets are all available upon request.

Standards

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

Thermal Properties

ARC's wired rockfibre mineral wool insulation has a thermal conductivity of 0.040W/mK.

Storage and Packaging

ARC Wired Tile Batten Barrier are supplied baled to minimise waste packaging and offer easy handling on site. 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. Cover products at night or in bad weather.

Environment

No CFCs or HCFCs are involved in the manufacturing process of ARC's rockfibre mineral wool insulation. ARC Wired Tile Batten Barrier 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.

Health and Safety

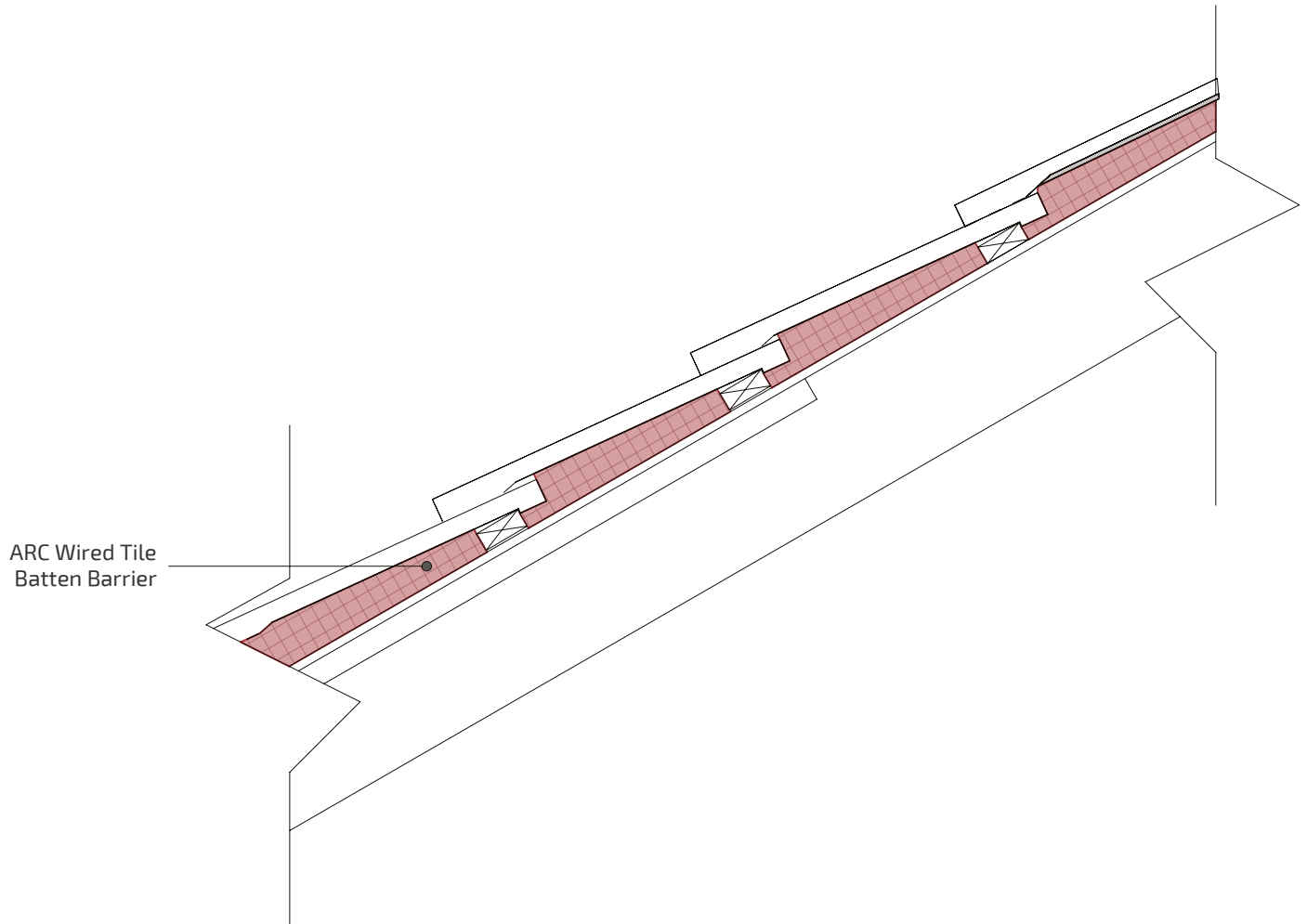
ARC Wired Tile Batten Barrier is manufactured from a wire reinforced mineral wool insulation which can present sharp points when handling. Gloves should be worn and care taken when handling. ARC Building Solutions has an approved Health and Safety Policy and is committed to working and supplying products 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 Material Safety Datasheet (MSDS) is available upon request.

WIRED TILE BATTEN BARRIER



Typical Detail Example

Please find a detail drawing for typical details where the Wired Tile Batten Barrier has been installed.



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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Certificate Number 19310
ISO 9001, ISO 14001
ISO 45001