Ultra Soffit Liner

By **Tyne Insulation Supplies Ltd.**

Non-combustible Soffit Insulation Board

Our Ultra Soffit Liner products are available for nationwide delivery with no minimum quantity and are environmentally friendly.

Unit 3
Crown Business Park
Cowm Top Lane
Rochdale
OL11 2PU

T: **01204 704 622**

What is Ultra Soffit Liner?

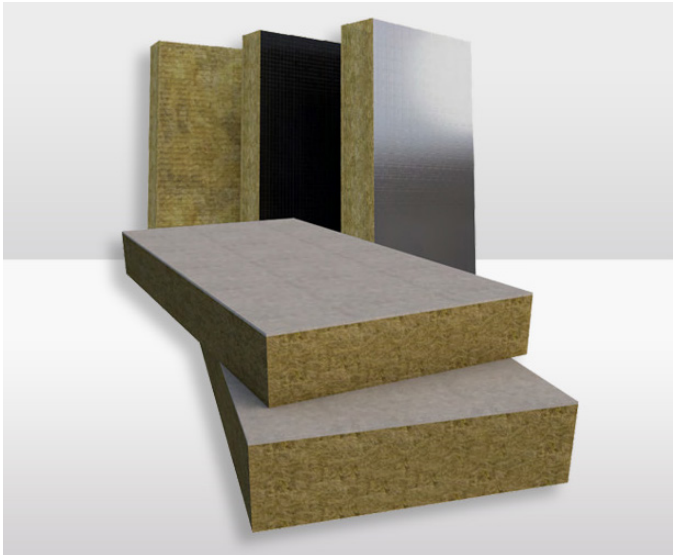
Ultra Soffit Liner Rockfibre is typically used as soffit insulation to the underside of car park ceilings in apartment blocks and commercial or retail developments. The product also offers a cost-effective solution for insulating concrete or timber ceilings in offices or retail units where there are flats situated above.

Ultra Soffit Liner Rockfibre soffit insulation with cement fibre board facing has been independently tested at Warrington Fire Research and achieves Euroclass A2, s1, dO fire rating, therefore is classed as non-combustible. The plain and foil faced versions are non-combustible and achieve Euroclass A1, S1, dO fire rating. The products is suitable for fulfilling the requirements ofDocument L (conservation of fuel andpower) of the currentbuilding regulations and the highdensity rockfibreinsulation offers excellent sound insulation properties.

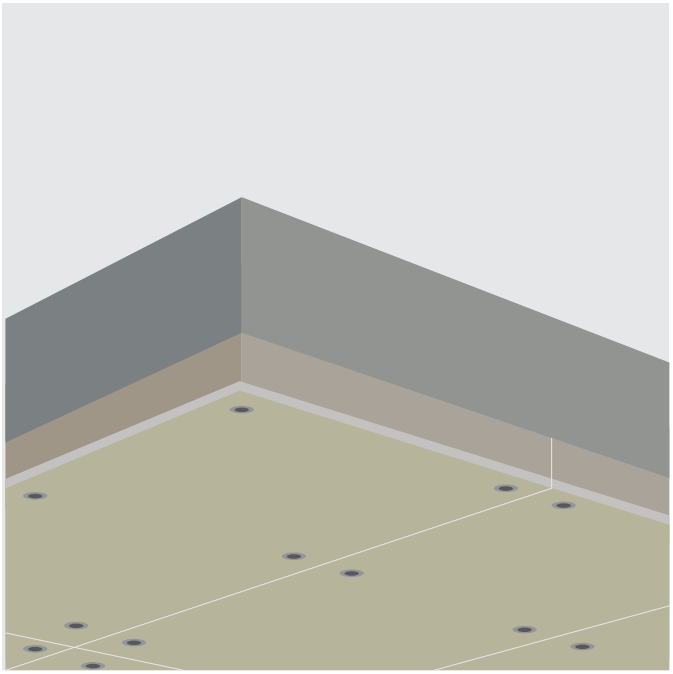
Due to the flexible manufacturing process, Ultra Soffit Liner Rockfibre is available in a wide range of thicknesses and facings with a quick turnaround.

We can provide advice on thermal and fire performance, U value calculations and technical backup to ensure smooth delivery and installation for any type of building requiring soffit insulation.

Please contact us by phone, e-mail or via the website and we look forward to being of assistance on your project.



+ Ultra Soffit Liner Rockfibre



Ultra Soffit Liner Rockfibre

Ultra Soffit Liner Rockfibre is a non-combustible rigid mineral wool rockfibre insulation board for installation to the underside of concrete soffits. It is suitable for use for in domestic and commercial applications and can be fixed directly to the underside of concrete slabs, or to timber or metal framing systems using appropriate fixings.

The soffit insulation board is available in a range of facings including a 6mm thick non-combustible cement fibre board, class 0 aluminium foil, and white or black tissue. The product can also supplied as a plain slab with no facings.

Depending on the U value requirement, the product is available in a range of thicknesses. Larger thicknesses may consist of multiple layers of rockfibre laminated together. Alternatively the insulation can be supplied as multiple layers to be fixed separately.

Installation Guidelines

The soffit insulation boards should be mechanically fixed directly to the soffit or soffit frame. Fixings should be at maximum 600mm centres, positioned between 50mm and 150mm from the board edge and the fixing should penetrate the substrate by minimum of 25mm.

The boards should be tightly butted together at joints. Boards with the cement fibre board facing should be cut on site using a TCT saw. The plain or foil/tissue faced boards can be cut with a fine-toothed hand saw. Cutting boards will produce some dust so use of a face mask is recommended.

Direct Fixing To Concrete Soffit

Fix the Ultra Soffit Liner board directly to the underside of the semi-exposed soffit using proprietary fixings.
Use fixings at nominal 600mm centres around the edge and throughout the board.

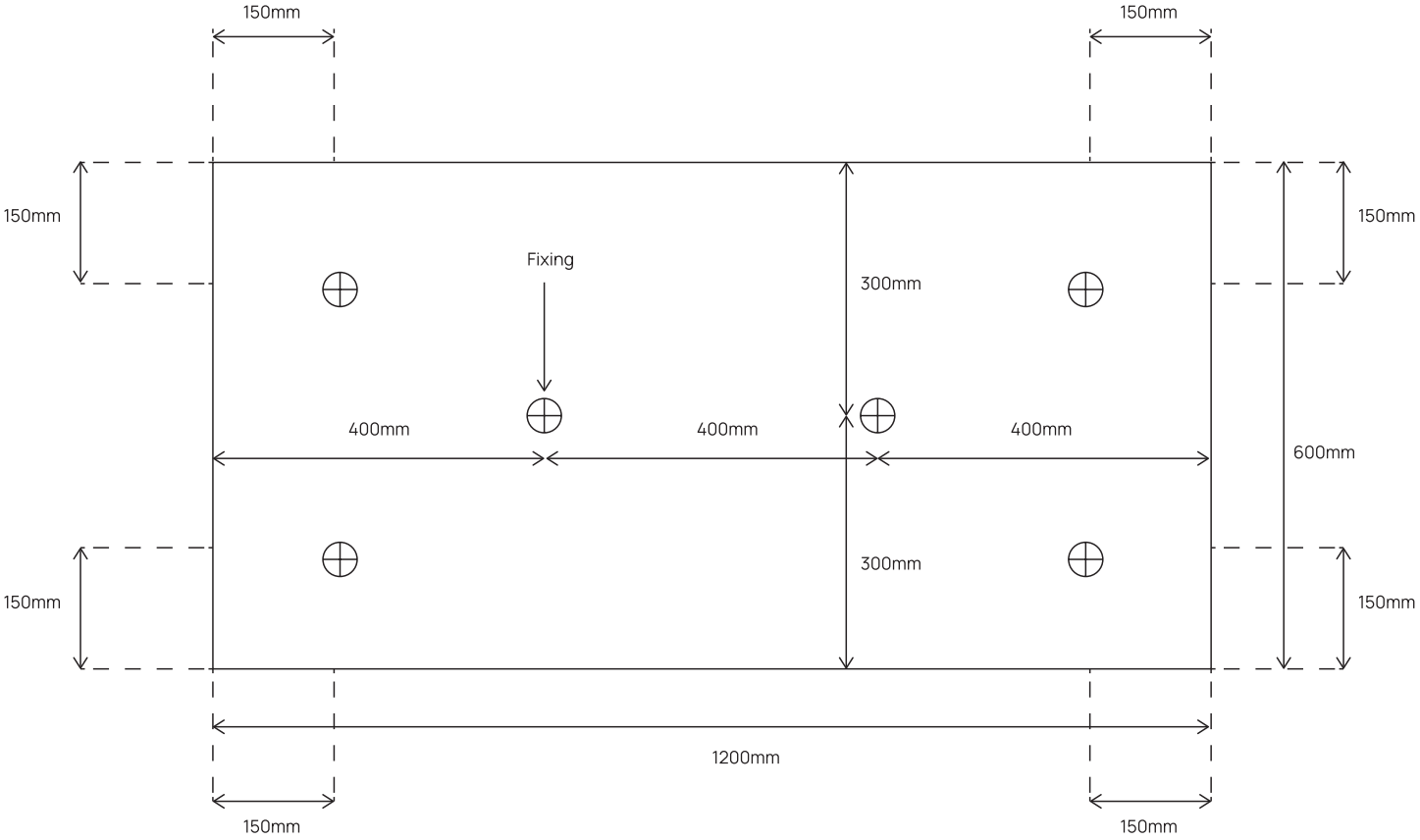
The length of fixing is determined by the board thickness and the fixing manufacturer's load-bearing recommendations.

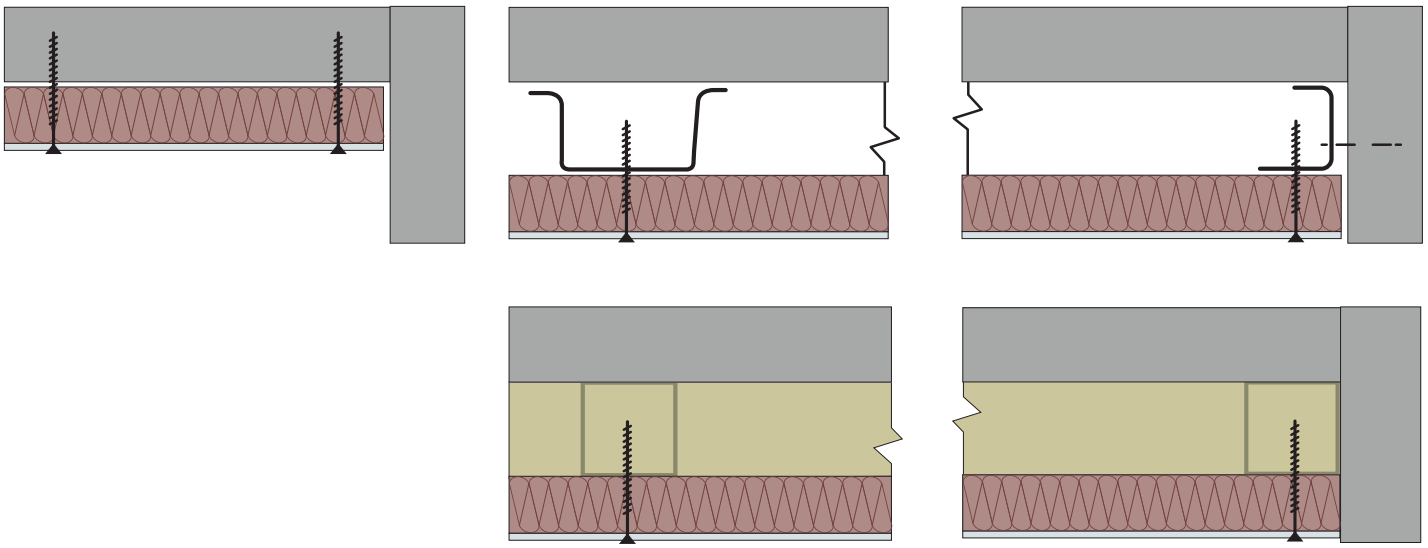
Fixing To Metal Framing Or Timber Battens

When using MF system framing, fix the frame to the soffit as per the manufacturer's recommendations.
Fix the Ultra Soffit Liner at right angles to the MF top hat sections at nominal 600mm centres around the edges and throughout the board.

When using timber battens, these must be fixed at maximum 600mm centres and ensure that all four edges of the board are supported.
Fixings must be allowed to penetrate a minimum of 25mm into the timber.

Fixing Pattern





U Value Examples

Rockfibre Insulation Thickness	U Value W/m2k
130mm	0.24
150mm	0.22
160mm	0.20
180mm	0.18
220mm	0.15
260mm	0.13
300mm	0.12

Ultra Soffit Rockfibre Insulation	
Board Size	600mm × 1200mm
Insulation Thermal Conductivity	0.035W/mk
Insulation Fire Rating	A1 Non-combustible: EN13501

Cement Fibre Facing Board	
Thickness	600mm × 1200mm
Nominal Weight	7.6kg/m2
Fire Rating	A1 Non-combustible: EN13501
Colour	Grey

Handling and Storage

Ultra Soffit Liner board is supplied packed on pallets. The boards need to be stored off the ground and clear of standing water. If stored outside, additional protective covering is recommended to prevent the boards becoming wet. Boards should be kept dry until installation.

Environmental Properties

Ultra Soffit Liner boards offer no threat to the environment and have zero ozone depletion potential (ODP). The global warming potential (GWP) of the rockfibre insulation is zero.

Fire Properties

The Ultra Soffit Liner Rockfibre cement fibre board faced insulation product has been independently tested at Warrington Fire Research Centreto EN 13501-1 and achieves a Euroclass A2, S1, dO non-combustible fire rating. The Ultra Soffit Liner rockfibre insulation is non-combustible and has a Euroclass A1, S1, dO fire rating.

How to order

We can deliver nationwide and lead times are usually 5-10 days depending on product type and quantity. Ultra Soffit Liner Boards are bespoke manufactured for each project. For prices and exact lead times please contact us with the product dimensions, quantity and delivery address. If you need any technical assistance please do not hesitate to e-mail or call us during office hours.

Interested in our Ultra Soffit Liner Solutions?

Please contact us by phone, e-mail or via the website and we look forward to being of assistance on your project.

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Rochdale
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T: **01204 704 622**
E: **manchester@tyneinsulation.co.uk**

www.soffitinsulation.co.uk

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