

# Soffit Liner Rock

Thermal  
upgrade

Integrity  
up to  
**120**  
minutes



Thermal

Walls

Floors

## Cost effective solution for insulating concrete soffits.

### Description

A specially formulated high density mineral fibre slab laminated to a 6 mm square or bevelled edge impact resistant board that provides an aesthetically pleasing liner to concrete soffits.

It performs exceptionally well thermally and acoustically but, above all, provides a fire safe solution to building requirements.

Available with either square or bevelled edge on calcium silicate board only.

### Sizes and Facings

Supplied in 1200 x 600 mm slabs for ease of handling and installation.

Note: Due to the possible colour variation in calcium silicate board, Liner Board is supplied as a performance product rather than decorative. Additional coatings are available to provide a consistent finish – please consult Firetherm.

### Fire Testing

- Tested to BS 476 Pt 6/7 Class 0 and BS 3533 insulation. The mineral fibre slab used meets Euroclass A1 BS EN ISO 13501-1
- Fire tested to protect lowest rebar in floor slab from reaching critical failure temperature for up to 120 minutes, consult technical department

### Features

- Odourless, durable and non-hydroscopic
- Rot proof, do not sustain vermin and will not encourage the growth of fungi, mould or bacteria

### Installation

Soffit Liner Rock can be fixed directly to decking or concrete or to timber battens. A non-combustible fixing must be used if the product is to offer a Fire Upgrade solution. Fixings should be recommended by your fixings supplier.

Ensure the boards are in line and level before fixing. We recommend the use of a minimum of 6 fixings per 1200 x 600 mm board in direct fit situations and all other applications.

The battens should be fixed to the concrete soffit and the mineral wool liner board to the battens using non-combustible fixings as recommended by your specialist fixing supplier.

Battens should be spaced 75 mm in from both edges of the boards.

A space of 0.5 to 1 mm should be left between each board to allow for thermal expansion.

### Colour variation

Natural variation will occur between batches.

### Performance

In a typical concrete soffit construction, the standard thickness of Firetherm Soffit Liner Rock will achieve a U-value of 0.25 W/m<sup>2</sup>K.

### Specification

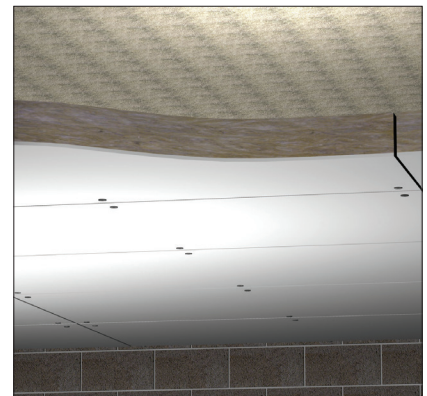
Install Firetherm Soffit Liner Rock to the (soffits, upper/lower ground floors) to achieve a U-value of 0.25 W/m<sup>2</sup>K at 130 mm core thickness, in accordance with Firetherm's installation instructions.

### Alternative Facings and Insulation Backing

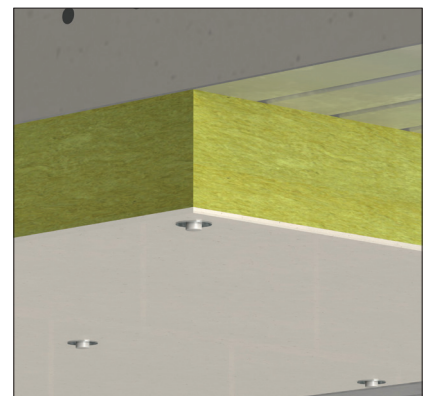
For a more economical solution Firetherm Mineral Wool Liner Board is available with a black tissue facing or foil rather than an impact resistant board.

N.B. Class 0 building boards are of organic origin and as such, natural variances will occur between batches.

### Typical Details



Insulated soffit



Insulated soffit

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This data sheet offers guidance related to fire testing results and does not offer methodology of the installation of the product. Suitability of this product and its usage to substrate type, service type and fire requirement must be confirmed before installation commences. A specific detail relevant to installation must be requested. Firetherm recommend that all fire stopping products should be installed by a third party accredited fire stopping contractor or competent person. Full application details and methodology instructions should be requested before installation of this product commences. Standard terms and conditions apply at all times.