

High Impact Soffit Liner Boards

Soffit liners to reduce heat loss.



Installation Guidelines

PRODUCT

AIM High Impact Soffit Liner Boards offer excellent impact resistance and are used to provide an insulated lining to semi exposed soffits. They can also be used as internal linings for walls and ceilings, especially where robustness is required.

They are available with a choice of insulation backing boards, typically Stonewool or rigid foams such as phenolic, PIR or XPS.

The fibre cement facing board can be easily decorated to match design and colour schemes.

Pre-decorated and through coloured facing boards are available.

PHYSICAL INFORMATION

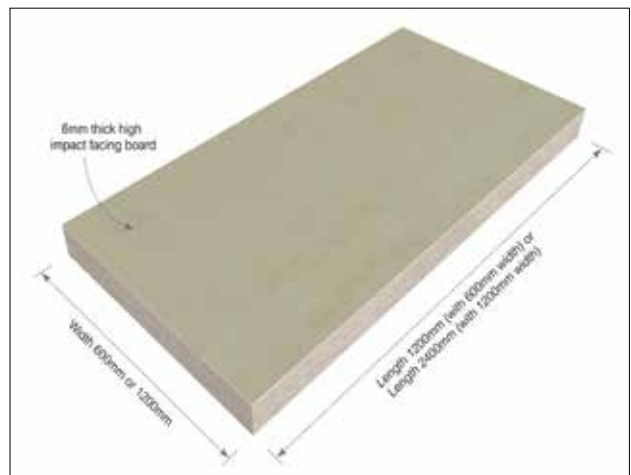
- Manufactured from an insulation slab bonded to fibre cement board.
- Suitable for exposed and semi exposed applications dependant on the insulation material used.
- High Impact rigid cement board facing:
 - 6mm thick.
 - Choice of 1200 x 600mm or 2400 x 1200mm boards.
 - Special sizes available on request.
 - Cement Board in conformance with EN 12467.
 - Euroclass A1 Non-combustible to EN 13501-1.
 - Fully external grade / frost resistant.
- AIM High Impact Soffit Liners are supplied stretch wrapped onto pallets with a showerproof polythene pallet cover and edge protection.

Available faced with UHD decorative rock fibre board, suitable for fully exposed exterior cladding applications.

Choice of thermal and acoustic insulation:

Decoration

The facing of AIM High Impact Soffit Liner Boards can be painted without any special priming using an alkali resistant paint or emulsion. Two coats of paint will usually give a satisfactory finish.



STORAGE

Products are supplied on wooden pallets with edge protection and a shower proof hood. Products should be stored away from the elements until ready for installation.

HEALTH & SAFETY

The Facing Board contains crystalline silica which may be released when dry working (cutting / drilling).

The insulation boards used to make AIM Soffit Liner Boards are considered to be inert articles.

Product Safety and Handling Information Sheets are available covering the various insulants and facing board used.

ITEMS REQUIRED FOR INSTALLATION

- PPE abrasion resistant gloves
- PPE impact resistant goggles
- RPE dust mask
- Insulation saw
- Drill
- Screwdriver
- Tape measure

INSTALLATION GUIDELINES

AIM High Impact Soffit Liner Boards may be fixed directly to concrete soffit using suitable steel fasteners; the fixings supplier should be contacted for advice prior to installation, especially if a hard concrete has been specified.

Alternatively treated timber battens can be fixed to the concrete first and the AIM High Impact Soffit Liner Boards then fixed to the battens. The battens should be fixed at 300mm centres for Compression Resistant Rockfibre or 400mm centres for XPS, Phenolic and EPS, running down the length. The battens must provide at least 75mm bearing.

The Units are mechanically fixed to the battens by corrosion resistant fixings. The screws should be a pan head fixing installed with a controllable speed screw gun and not overdriven, to prevent undue compression of the insulation backing. We suggest avoiding any counter sunk fixings and hammer fixings. Please contact the sales office for more details.

Fixings are set in at least 50mm from the board edges, at the four corners of the board and at 600mm maximum centres.

Where the AIM High Impact Soffit Liner Boards are being attached to a framed backing, such as in the situation where they are being used to form a soffit under a trussed eave overhang, the framing must allow fixings at the centres specified above. Where this is not possible, or where there are problems with level alignment, a sub framing system needs to be used.

If the relative humidity of the area being lined is subject to significant variation, expansion gaps should be left between the boards to accommodate possible movement.

It may be possible to adopt a different fixing pattern dependent on the type of fixings used and the substrate in which the fixing is to be secured. Please seek advice from your nominated fixing supplier.

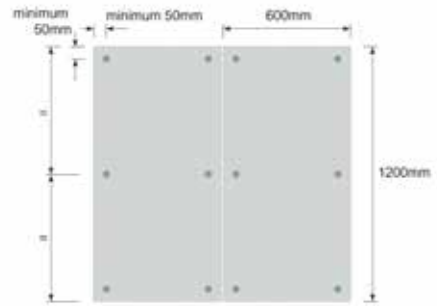
Where the High Impact Soffit Liner Board needs to be cut to size, a skill saw fitted with TCT blade and suitable dust extraction should be used along with the appropriate personal protective equipment.

MAINTENANCE

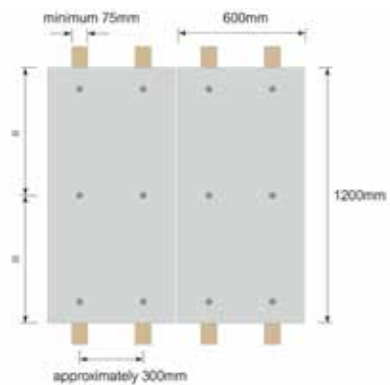
This product does not contain moving parts and, if undisturbed requires no routine inspections or maintenance.

Fixing layout for 1200mm x 600mm high impact soffit liner boards

Fixing direct to soffit

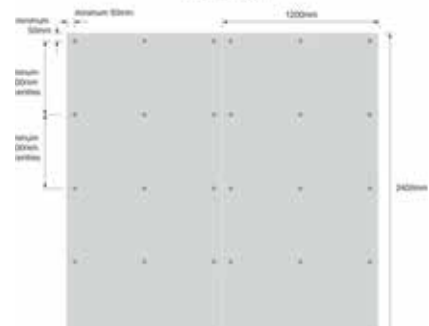


Fixing via timber battens



Fixing layout for 2400mm x 1200mm high impact soffit liner boards

Fixing direct to soffit



Fixing via timber battens

