Soffit Slab

Tools required

- Drill
- Suitable fixings to suit substrate
- String line or laser line equipment
- Sealant gun
- Circular saw

Ancillary products

- FirePro® Acoustic Intumescent Sealant

Fixing and application

1. When fixing a tile or modular system, it is advisable to start with a focus reference slab in the centre of the soffit, with subsequent slabs being fixed working towards each edge. The use of string lines or laser alignment equipment will assist in ensuring alignment and squareness of the installation.
2. If installing into concrete or steel composite deck, a pilot hole should first be drilled prior to the fixing being screwed into place.
3. Soffit Slabs should be fixed direct to the concrete soffit using EJOT DDS fixings with the EJOT DDT70 washer or similar. Recommended number and pattern of fixings for each slab size are shown in Figures 1 and 2 opposite.
4. Care should be taken not to over-tighten fixings to prevent damage to the slab surface.
5. For further information on fixing type and suitability for the substrate, please consult the fixing manufacturer.
6. It is recommended that all board joints should be staggered and tightly butt jointed.
7. Soffit insulation products should not be used for supporting light fittings or services. Such installations should be supported from the concrete soffit.
8. Where penetrations occur, the boards should be cut locally to ensure a tight fit around the penetration. Slabs can be cut slightly oversized to ensure a tight fit under slight compression around the penetration.
9. Any small gaps that result from cutting can be infilled using FirePro Acoustic Intumescent Sealant.

Figure 1

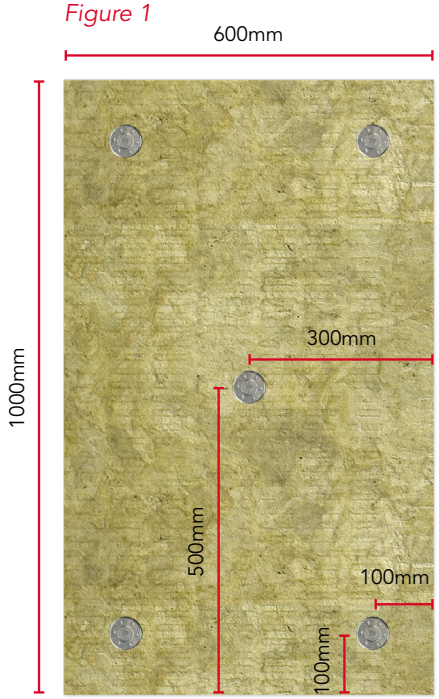
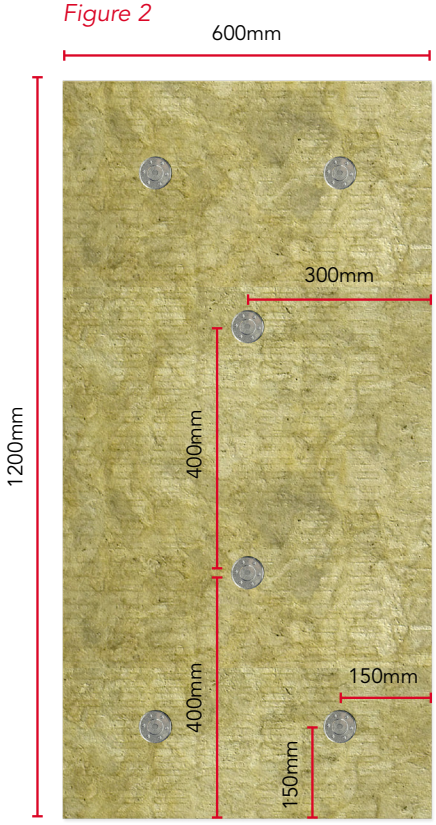


Figure 2



10. For the High Impact Soffit slab, the board can be cut using common power-assisted tools, such as a circular saw equipped with a diamond-tipped cutting blade. Cutting should be carried out in a well ventilated area. Do not wet the sheet or the blade during the cutting process. Power tools fitted with dust-extracting attachments are recommended.
11. Shadow lines that occur when installing the High Impact Soffit Slab can be infilled using FirePro Acoustic Intumescent Sealant.
12. Gaps at the perimeter edge can be sealed using FirePro Acoustic Intumescent Sealant.
13. Where an aesthetic finish is required, the boards can be over-painted.
14. For best results, decorate the high impact finish with a layer of primer and Min. 2 coats of quality water-based acrylic paint which is vapour permeable.
15. Ensure the high-impact facing board is dry and free from dust, grease, or any other contaminants before applying the finishing coat.
16. If fire performance is required, then the advice should be sought from the coating manufacturer to ensure that the paint specified will not detract from the performance of the board.

Fixing size guide

	High Impact Soffit Slab		Plain, Foil & Tissue-Faced Soffit Slab		
Thickness	136mm	166mm	130mm	145mm	160mm
EJOT fixing	DDS 7.3mm x 175mm	DDS 7.3mm x 200mm	DDS 7.3mm x 175mm	DDS 7.3mm x 175mm	DDS 7.3mm x 200mm
EJOT washer	DDT 70mm				

Other installation information

Light fittings and services

Soffit insulation products should not be used for supporting light fittings or services. Such installations should be supported from the concrete soffit.

Handling and manoeuvring pallets – we recommend pallets are manoeuvred on site using a fork lift with a 4-fork attachment to ensure that the pallet does not flex. Flexing of the pallet can cause damage to the internal corners of the board.

Health & safety

The mechanical effect of fibres in contact with skin may cause temporary itching.



Cover exposed skin.
When working in unventilated area, wear disposable face mask.



Clean area using vacuum equipment.



Waste should be disposed of according to local regulations.



Rinse in cold water before washing.



Ventilate working area if possible.



Wear goggles when working overhead.

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