

Soundblocker - Fitting

Ceiling Grid Specification

Main tees should be suspended down their length at 900mm centres.

For Soundblocker 25 and Plus, the main tees should be installed at 600mm centres. Where these are installed into an existing ceiling and the main tees are at 1200mm centres, they must be suspended down their length at a maximum of 900mm centres and all the 1200mm cross tees must be suspended individually.

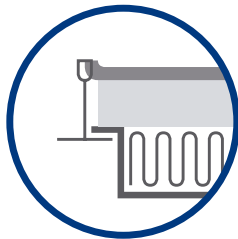
Perforated Spring Tee Tile

When there is a mineral wool pad in the tile, the Soundblocker is placed on top of the pad with the foam facing upwards. When there is no pad in the tile, the Soundblocker is placed in the tile with the foam facing downwards. For non perforated tiles, the Soundblocker should be placed in the tiles with the foam facing upwards.

When ordering for all metal type tiles, it must be made clear which method of installation is required, as the size of the Soundblocker will vary. Most spring tee systems will support Soundblocker 16, however, should Soundblocker 19 or 25



Soundblocker in a perforated metal tile



Lay in grid system with a metal tile, installed with a mineral wool pad.



Soundblocker in a spring tee tile. Positioned on top of a Mineral



Soundblocker in a perforated spring tee

Open Cell and Linear Plank Ceiling

When used with this type of ceiling Soundblockers can be reversed so the foam is on the underside or alternatively a black tissue can be applied to the plain side of the board and they are installed in the standard way. Either method, they are unseen when viewed through the ceiling.

Note: With certain types of these ceilings, care should be taken with the weight of the Soundblockers if they are resting directly onto or supported by the panels.

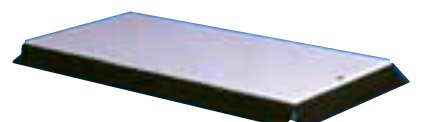
ACCESSORIES

Soundblocker Acoustic Lighting Kit

It is important to provide acoustic treatment to lights installed in the ceiling, otherwise sound leakage will occur and the overall performance will be impaired.

Modular Fittings

Modular side strips are fixed around all sides of the fitting. These are 1200



Trim Acoustics Acoustic Barrier



Soundblocker - Fitting

Soundblockers can normally be placed

on top of the fitting when low brightness

or louvre type diffusers are used. Air

must be allowed to flow through the louvre, and circulate around the tubes

and switch gear. They should not be

placed on top if a plastic lens type

diffuser is used.

The side strips must cover any gap

between the fitting and the ceiling. For

open ended fittings, modular side strips

are fitted down the side of the fitting, and

modular endcaps on the open ends,

returning onto the back of the ceiling and

covering all gaps.

Recessed Downlighters Acoustic Hoods



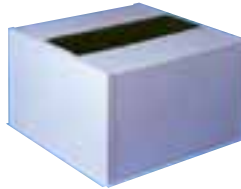
A hole is cut in the Soundblocker to

accommodate the down lighter and the

hood is simply positioned over this. The

foam of the Soundblocker must not touch the fitting. The hood is manufactured from

Air Diffuser Acoustic Hoods



Soundblocker Air Diffuser Acoustic

Hoods are for use where air is vented

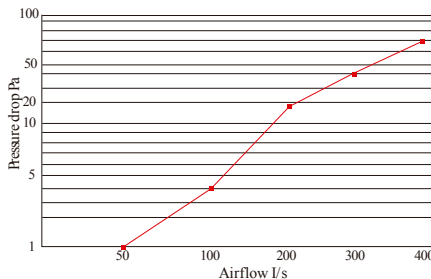
via the ceiling void through grilles within

the ceiling. Unless acoustically treated,

sound will travel through the void,

reducing the acoustic performance of

the ceiling. The hood is placed on



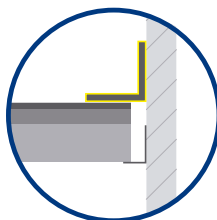
Perimeters

At perimeters or around columns etc.

Soundblocker self-adhesive perimeter

strips should be used. These are

positioned half onto the



Gaps And Small Openings

Soundseal can be used for sealing small

gaps. These often occur at partition

heads. Soundseal is an expanding foam

strip supplied in rolls in varying widths

and thicknesses. (See Soundseal on

page 21 for details).

Specifications

Size (Nominal)	600 x 600mm and 1200 x 600mm	
	Other sizes available to order.	
Thickness	Soundblocker 16	16mm
	Soundblocker 19	19mm
	Soundblocker 25	25mm
	Soundblocker Plus	75mm
Fire Rating	BS476 Part 6 Class 0	
	BS476 Part 7 Class 1	
Weight	Soundblocker 16	8.5 kgm ²
	Soundblocker 19	11.0 kgm ²
	Soundblocker 25	16.0 kgm ²
	Soundblocker Plus	25.0 kgm ²
Cutting	By trimming knife or saw.	
Modular Side Strips		
Size	1200 x 100mm	
Modular End Caps		
Size	600 x 200mm	
Perimeter Gasket		
Size	15000 x 100mm	
Down Lighter Acoustic Hoods		
Size internally)	Height 210mm (140mm	
	Width 220 x 210mm	
	(180 x 155mm internally)	
	Weight 2.5kg	