

Technical Information

Acoustic Panel DATA:

SonaPanel acoustic panel installations can be tailored to meet your specific acoustic needs. Standard size is 2700mm x 1200mm. Custom sizes are available on request. SonaPanels are available in 3 different types:

- Type A - Tee joint panel system
- Type B - Butt joint panel system
- Type C - Shadow joint panel system

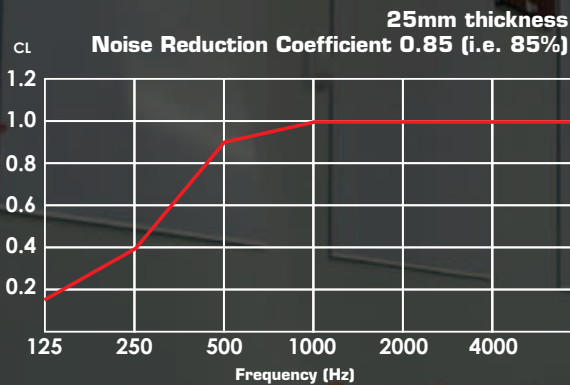
Acoustic Panel Fire Rating:

Recycled glasswool board is fire rated as Class 0 to BS476: Part 6. Standard fabric facings comply with Class 1 to BS476: Part 7. Class 0 fire rated fabric finishes are also available on request. Upvc trims are fire rated as BS476 Part 7. Like normal Upvc, the trims have a maximum softening limit of 60°C.

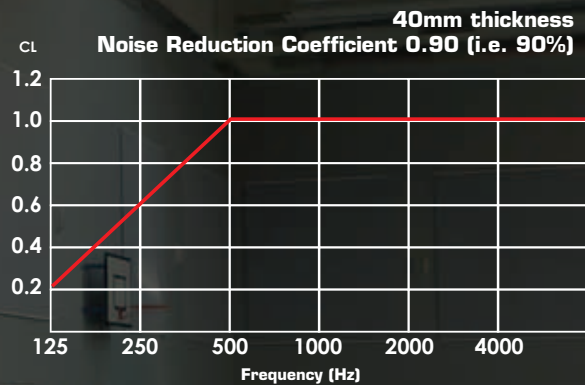
Acoustic Panel Maintenance:

SonaPanel acoustic panels are extremely easy to maintain. Vacuum lightly with a brush attachment if and when necessary.

Acoustic Panel Performance:



Direct fixed backing
Even higher absorption can be achieved with installed with an air gap



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Even higher absorption can be achieved with installed with an air gap

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
25mm Direct	0.10	0.40	0.90	1.00	1.00	1.00	0.85
40mm Direct	0.20	0.60	1.00	1.00	1.00	1.00	0.95

Thermal Performance:

The acoustic recycled glasswool board provides an excellent heat and cold insulator. This adds to the energy saving measure in a building as well as reducing the noise levels. The panels have a thermal conductivity of $k = 0.0377 \text{ w/m}^2\text{k}$.

Weight:

The acoustic panels weigh approximately 3kg/m^2 . Upvc trims weigh approx. 1kg/length .

Front of brochure image:

Winner of the Best Home Cinema award at Essential Install Awards by ET Home Cinema using SonaPanels.

01474 854 902
mail@oscar-acoustics.co.uk
www.oscar-acoustics.co.uk

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SonaPanel



**Commercial & Domestic
Acoustic Panel, Fin &
Suspended Raft Systems**



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SoundRaft

SoundRafts are suspended from the soffit using stainless steel cables with easily adjustable quality fixings. This system enables them to be installed quickly and accurately. Being spaced away from the soffit results in direct and reflected sound being absorbed by the visible face and the back of the SoundRaft.

Why not get creative? Apply SonaSpray in black or white to the soffit and hang coloured SoundRaft's at different levels and angles; an acoustic art installation!

Square, rectangle, triangle, pentagon, diamond, hexagon, circle, ellipse, teardrop and cloud shape.



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SonaPanel

Hard, flat surfaces such as tiled or timber floors, plastered or block walls reflect sound thereby increasing and amplifying noise levels within the space resulting in high sound levels and reduction in sound quality. When the space is used for teaching, poor acoustics can cause unnecessary stress and in extreme cases, hearing problems like tinnitus.

Health problems attributed to noise can be avoided by installing the calculated area of noise absorption in the form of SonaPanel Acoustic Panels.

Sports halls, school class rooms, conference rooms, common areas, reception areas, home cinema applications, we can offer a range of acoustic panels with fabrics and colours to suit. SonaPanel acoustic panels are easy to install. They are available as supply

only or supplied and fitted by our experienced in-house installers.

These acoustic panels compliment our spray-on finishes.



SoundFin

Dare to be different! The Oscar SoundFin is an adaptation of our SonaPanel product with a neat bracket system that connects it to a wall, allowing it to sit perpendicular. Images below show Oscar SoundFins being used in conjunction with SonaSpray for maximum

acoustic and visual effect. Using this system can dramatically increase absorptive surface area whilst being a statement design piece that will add instant character to any project.

