Commercial & domestic acoustic panel, fin & suspended raft systems.
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 such as tinnitus.

Health problems attributed to noise can be avoided by installing the calculated area of noise absorption in the form of SonaPanels. From sports halls, school classrooms, conference rooms, common areas, reception areas to home cinema applications, we can offer a range of acoustic panels with fabrics and colours to suit. SonaPanels are easy to install.

They are available as supply only or supplied and fitted by our experienced in-house installers. SonaPanels also compliment our SonaSpray spray-on acoustic finishes.

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.

Combine with our 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.
SoundRafts

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.
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

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1000</th>
<th>2000</th>
<th>4000</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>25mm direct</td>
<td>0.10</td>
<td>0.40</td>
<td>0.90</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>0.85</td>
</tr>
<tr>
<td>40mm direct</td>
<td>0.20</td>
<td>0.60</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>0.95</td>
</tr>
</tbody>
</table>

Thermal performance
The acoustic recycled glass wool 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 W/m²k.

Weight
25mm thick SonaPanels weigh approximately 3 kg/m² - 40mm thick SonaPanels weigh approximately 4 kg/m²
Upvc trims weigh approx. 1 kg/length.

Front of brochure image
Winner of Best Home Cinema award at Essential Install Awards by ET Home Cinema.