



Tackles noise at low level where it matters

Acoustic panels in sports halls are traditionally fixed at high level to avoid impact damage.

Typically 35% more panels are required when they are fixed at high level to achieve the required reverberation times; which are measured at low level!

Installing Oscar Evo-Panels at low level offers a 35% saving on the number of panels required, plus a significant saving on installation time and specialist access equipment for the installation.

Tough but soft - Oscar Evo-Panels passively absorb both impact and sound.

- Solves the issue of sports hall acoustics
- Reduces overall noise levels within the room
- Class A acoustic absorber
- Sports England Specification Compliant
- Easy & quick installation - typically within 1 day
- Each can be removed & replaced within 20 seconds
- Stylish in a range of customisable colours
- Meets fire rating Class 0 to BS476 Part 6
- Kinder than a wall in the event of human impact

Oscar
Evo-Panel
An Evolution in Sports Hall Acoustics



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Oscar Evo-Panel standard absorption coefficients

Thickness	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	Class
50mm	0.20	0.65	0.9	1.00	1.00	1.00	A
70mm	0.35	0.85	1.00	1.00	1.00	1.00	A

Test: DATA certified by Acoustical Investigation & Research Organisation Ltd (AIRO).

Installation:

Installation of Oscar Evo-Panels is simple, taking typically 1 day for a medium sized hall. The fixing track, screws and plugs are supplied for DIY, or we offer an install service.

A strong bespoke aluminium extrusion is screwed to the wall, typically at 2.4mts high which allows 1.2mtrs clear below the panel for five a side football. A rib along the panel rear slides into the extrusion and is secured with grub screws, the panel will then take the weight of a large man.

The Evo-Panels can be removed and replaced in 20 seconds: for acoustic adjustment and/or change of use.

Maximum Panel size: 2.5m x 1.25m

Weight @ 50mm thick: 1.66kg/m²

Durability:

The Oscar Evo-Panel is lightweight and compressible with a strong, hard wearing flexible casing. It is designed to passively absorb the repeated ball and body impact expected in a busy sports hall. Please see outer protective material data below.

	Breaking	Tear	Folding
Warp:	> 289 daN/5cm	> 9 daN	> 20 daN/5cm
Weft:	> 170 daN/5cm	> 7 daN	> 20 daN/5cm
	ISO 1421	EN 1875-3	ISO 1421*

*Internal procedure derived from ISO 1421

Where to use:

Oscar Evo-Panel acoustic wall panel is specifically designed for low level acoustic treatment in sports halls, assembly halls and even classrooms.

Customisation:

Whilst the Oscar Evo-Panel acoustic wall panel is available in standard colours, it is possible to colour coordinate with school or company colours by selecting two contrasting colours for the main body of the acoustic wall panel and the side inserts.

Fire Performance Ratings:

UK Fire test by Exova (Warrington) Fire Research:

Class 1 to BS476 Part 7

Class 0 to BS476 Part 6

Maintenance:

The Oscar Evo-Panel acoustic wall panel can be lightly vacuumed with a brush attachment. Heavier marks can normally be wiped off with a clean, damp, colour fast cloth providing the panel is vacuumed first.

Background image:

For the ultimate complete sports hall acoustic solution, Oscar Evo-Panels were installed to absorb low level sound flutter and SonaSpray K-13 in light grey spray applied directly onto galvanised metal deck replacing the expensive & time consuming perforated metal deck. The acoustic result was astonishing at 1.4 seconds and the time saving to the contractor was significant.

01474 854 902

mail@oscar-acoustics.co.uk

www.oscar-acoustics.co.uk

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