



ArtSound

Customisable acoustic panels manufactured from a sound absorbing mineral fibre core board faced with a thin, high-density, impact resistant mineral fibre panel. The composite panel has reinforced edges and is completely wrapped with an acoustically transparent fabric which can be printed with any image. ArtSound panels are fitted using concealed fixings on the rear and are designed to absorb high levels of reflected noise to create a more comfortable acoustic environment.



Key Features and Benefits

- Absorbs high levels of sound and significantly reduces reverberation
- Aesthetic effect – You chose image to be displayed
- Design flexibility and customisability
- High quality decorative finish
- Available in a range of bespoke sizes
- Simple installation

Applications

- Call centres, offices and conference centres
- Restaurants
- Reception areas
- Education facilities
- Healthcare buildings
- Recording studios
- Theatres, cinemas and auditoria
- Commercial premises
- High traffic public areas

Colour and Finish

Any image can be digitally printed onto the panel including company logos or personal photographs. If you provide us with a good quality image we can do the rest.

Operating Temperature

Suitable for use at normal building temperatures.

Fire Performance

When NOT printed Cara, Lucia and Lucia CS fabrics meet the requirements of Class 1 Surface Spread of Flame when tested to BS476: Part 7: 1997 (As Amended). The composite panels have not been fire tested.

Thermal Conductivity

0.033 W/mK @ 10°C

Availability

Panels are available to order and should be fitted by skilled tradesmen or specialist contractors.

Dimensions and Weight

Thickness mm	* Panel Height mm	Panel Width mm
25	up to 2700	up to 1215
50	up to 2700	up to 1215

* Z-Clip fixings are orientated to suit the height of the panel. When ordering, please indicate how panels are to be orientated to ensure fixings are secured correctly.

Acoustic Performance

Thickness mm	Sound Absorption Coefficient (BS EN ISO 354)						α_w	* Absorber Class
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
25	0.15	0.60	0.95	0.95	0.95	1.00	0.90	A
50	0.40	0.95	0.90	0.95	1.00	1.00	0.95	A

* Absorber Classifications tested in accordance with BS EN ISO 11654:1997

Technical Advice

Highly qualified building and acoustic consultants are available to offer assistance and advice to clients, architects and contractors on all aspects of noise control to ensure design specifications and acoustic performance requirements are achieved. They can also undertake noise surveys and provide details of anticipated reverberation times pre and post installation.

Packaging, Handling and Storage

ArtSound panels are packed vertically on the long edge, covered in bubble wrap and delivered on non-returnable wooden pallets. They can be packed on wooden crates on request.

Panels should be stored inside and under cover in a dry, well-ventilated area protected from dirt and dust. Pallets and crates should be kept level and not double-stacked. Extreme care should be taken when handling to avoid damage.

Application and Fixing

See separate guide.

Panels are fixed via concealed Z-Clips or VELCRO® brand hook and loop fasteners (VELCRO® is a registered trade mark of Velcro Industries B.V.) or similar on the rear of the panel. For areas where multiple panels are being used, it is recommended that a minimum 15mm shadow gap is maintained.

Care and Maintenance

Panels can be cleaned periodically with a low powered vacuum cleaner. Under no circumstances should they be cleaned using water. Stains can be treated with an appropriate cleaning solution applied in accordance with the manufacturer's instructions.