

Stereo panels are designed to be positioned in volumes. They reduce sound reverberation overall or area by area. Pioneered by Texaa, this technique of improving the acoustics of reverberating spaces using objects, has gradually become a standard in architecture.

The panels can be vertical, horizontal, suspended or free-standing, alone or connected in clusters. They can be part of the architecture of all types of space.



 α_w = 1 (Stereo suspended in clusters)



Run-resistant, antistatic knit



Impact on climate

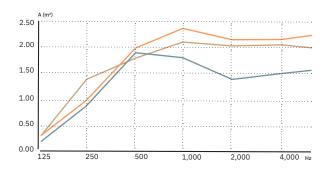


Recycled components



Acoustics

Since it was invented in 1986, Stereo has become a benchmark, providing reliable acoustic solutions in many emblematic projects. It is designed to ensure lasting acoustic performance. Its sound-absorbing properties do not deteriorate over time, and it delivers unchanging performance throughout its life.



Acoustic performance

Performance of a panel with dimensions of 1,199 x 1,199 x 55mm A = equivalent absorption area in m^2 Spacing of 2,000 mm

- Suspended alone 300 mm from support
- Suspended as a baffle
- Mounted directly onto a surface



Stereo acoustic panels alternating with lighting to improve the acoustics of hallways.

Regional headquarters of Orange telecom in Nancy. HGA Architectes.



Stereo panels can be used to create different acoustic and visual sub-areas within a larger space.

Head offices of the regional authority in Lyon Confluence, Ferrand-Sigal Architectes & Associés. Acoustics by EAI.



Sturdy and easy to clean, Stereo panels can be positioned very close to users.

Stereo panels suspended from the ceiling and fixed to walls. Infant school canteen in Poulx, north-east of Nimes. HB More Architectes, Francoise Bottero and Stéphan Hermet.



1

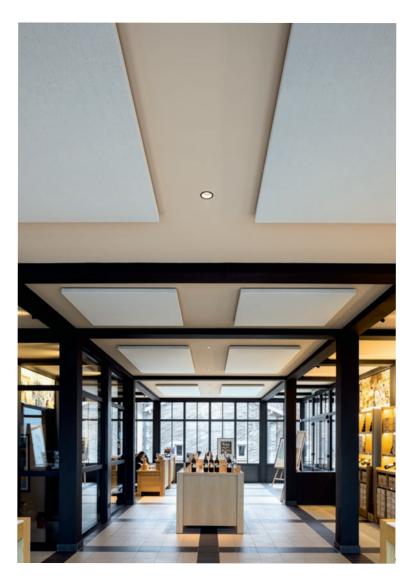
Stereo acoustic panels in varying shades mounted on the wall. Chalucet media centre in Toulon. Architect: Corinne Vezzoni and partners.

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Stereo acoustic panels on the ceiling. Château Latour-Martillac's wine shop in Martillac, southwest France.

2

Stereo panels suspended from the ceilingFood Court in Lille, by Yann Martin of CUT Architecture.









1

Stereo acoustic panels suspended from the ceiling.

New Saint-Jacques-Les Andélys general hospital. Architect: Jean-Michel Dufour and Elisabeth Goldman Ad Quatio.

←

Suspended clusters of Stereo panels and Stereo panels screwed to the wall as baffles.

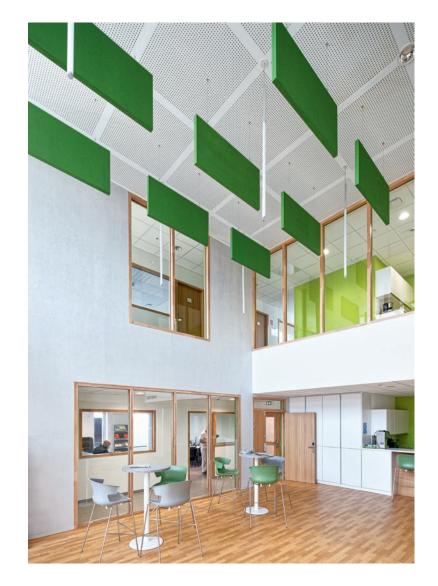
Arts Centre of Bordeaux Montaigne University in Pessac. Architect: Massimiliano Fuksas, 1994. Design: Poggi Architecture, 2013.

2

Wall-mounted Stereo panels.

Hermès *Cité des Métiers* in Pantin, north-eastern Paris. RDAI Architecture.







1

Alternating Stereo panels and reflective panels with Aeria covers on the ceiling. Stretch-fitted Vibrasto cladding on the walls in the same colours. Pernod Ricard University, Domaine de la Voisine, Clairefontaine-en-Yvelines. Cyril Durand-Behar Architects, Impact Acoustic.

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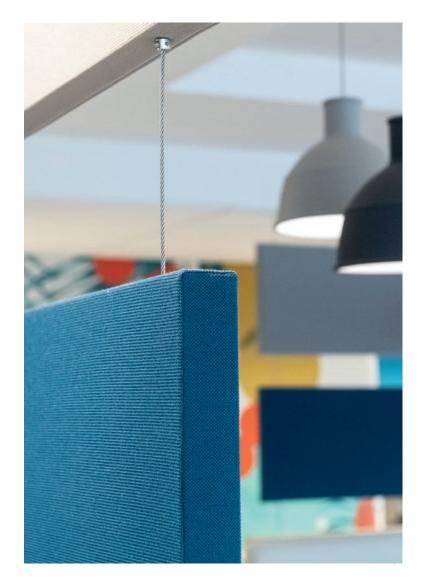
Stereo acoustic panels suspended from the ceiling as baffles.

Administrative centre of Sevadec (Calais's waste removal and recycling operations). Polynome architectural workshop.

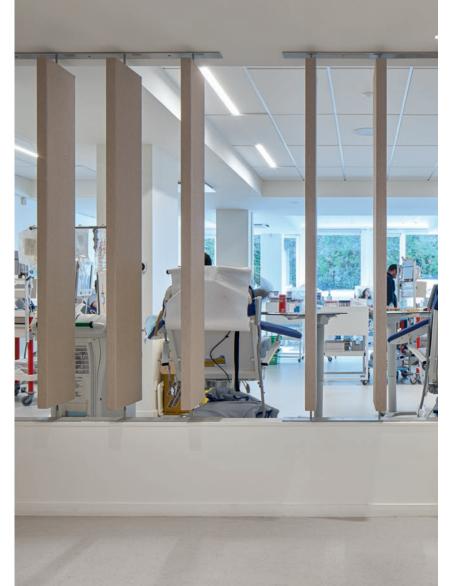




Stereo acoustic panels hanging on ceiling-to-floor cables that run through them. Business park cafeteria at the French Post Office finance centre in Nancy in north-eastern France. Architect: Estelle Maurice of A.Concept. Engineering: Louvet, Adam and SPC Acoustique.







↑ →

Architects: AKPA.

Stereo panels installed as pivoting partitions. Areas behind them can be made visible or hidden from view.
Blood donor centre in the French Blood Institute in Paris.

Installation

Stereo panels have distinctively clean lines. They consist of a frame, in which the acoustic materials are held, and an Aeria fabric envelope, which covers and protects them on one or both sides.







anufactured Craftsmanship in France

Guaranteed 10 years



Every Stereo acoustic panel is made of a rustproof steel frame, sound-absorbing wadding and a microporous cloth barrier with a removable and machine washable Aeria fabric cover. The sound-absorbing materials used are all recycled.

The steel frame, the application of the cover by hand and the stretchability of our Aeria cover make it possible to manufacture geometric shapes.





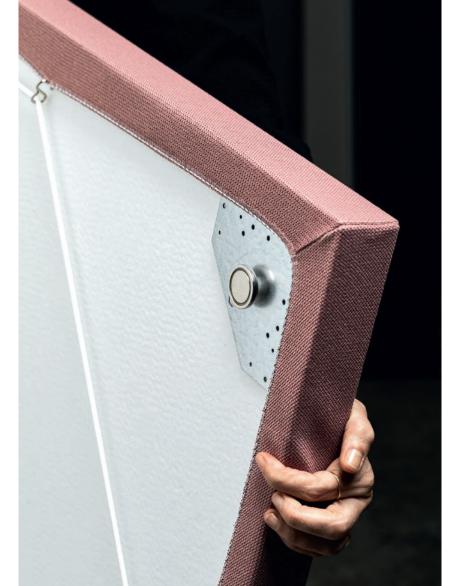


How they are installed

Stereo panels are light and easy to install. Fixing systems are carefully chosen to facilitate installation.

Panels can be suspended from ceilings on cables that are easily adjustable in length.

They can also be fixed to walls or ceilings using a system of magnets.







The Aeria fabric used to cover Stereo panels is runresistant and easily cleaned. Regular vacuum cleaning is enough for it to remain fresh and bright.

Stereo lasts a very long time. We often revisit sites to recondition panels installed 20 years earlier or more. The possibility of removing covers and replacing them increases Stereo panels' useful life on site and enables reuse when panels have to be taken down.

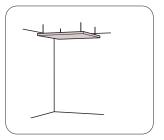
In fact, the acoustic components (sound-absorbing materials and frames) do not deteriorate over time. To make Stereo panels "as good as new", it is enough to replace their fabric covers. Furthermore they can also be fitted with new fixing systems, enabling their use in different configurations.



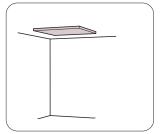




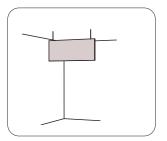
Fitting systems



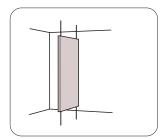
Suspended alone



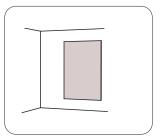
Fixed to ceilings separately or in groups



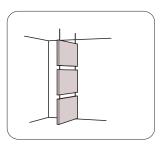
Suspended in baffles



As suspended partitions, anchored to the floor



Fixed to walls separately or in groups

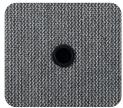


Free-hanging groups to create a suspended partition

Options



With inclusions (lights, loudspeakers, sprinklers, etc.)



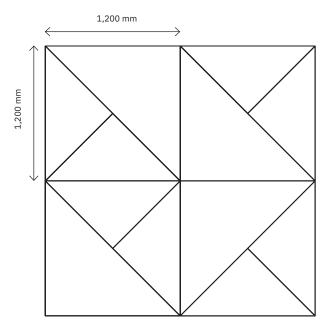
Channel for cable to pass through (black or transparent)



Digitally printed



Configurable dimensions. Stereo panels suspended in clusters. Configurable dimensions and recessed spotlights in the lobby of Sciences Po university in Paris. Architect: Claire Leroux of Sahuc & Katchoura,



Patchwork Option

Using a predefined geometrical model, three of the 30 colours in the Aeria Maille Ronde (MR) colour catalogue can be combined. By using a number of similar panels, a vast range of combinations can be achieved depending on the orientation of the panels.

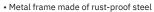
Available for 1,200 × 1,200 mm Stereo acoustic panels that can be mounted on walls or ceilings.



Characteristics





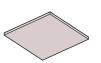


- Fully recycled white AF1 wadding
- Grey or black microporous cloth cladding
- Removable cover made of sound-transparent

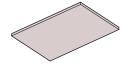


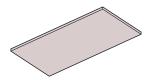
Equivalent absorption area A (m²) at mid-range frequencies

• 1,199-mm x 1,199-mm x 55-mm Stereo suspended panel: 2 m²



1.199 x 1.199 x 55 mm





Aeria fabric



57% recycled components



B-s2,d0 (complete product) United States - ASTM Class A

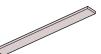


299 x 1,199 x 55 mm



1.199 x 1.799 x 55 mm

299 x 1,799 x 55 mm 2



1.199 x 2.399 x 55 mm

299 x 2,399 x 55 mm

XX

Run-resistant knit, 330 g/m² and antistatic



HQE, LEED and BREEAM (4 points)





End of life: can be dismantled. Components are separable and recyclable.

Impact on climate: 22.7 kg CO₂ eq /m²





599 x 1,199 x 55 mm



599 x 1,799 x 55 mm



French "A+" interior air quality AgBB compliant Indoor Air Comfort



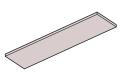
Select from the 30 colours in the Aeria palette. Special colours available on request.



ø 799 x 55 mm ø 999 x 55 mm ø 1,199 x 55 mm



1,199 x 1,199 x 1,696 x 55 mm



599 x 2,399 x 55 mm

Maintenance

Stereo acoustic panels are resistant to tearing and abrasion. The knot in their knitted stitch makes them run-free: any hole in their fabric cover will not get bigger. With their antistatic coating, Stereo acoustic panels are protected against dust and easy to maintain. Simple vacuum cleaning is enough to keep them bright and fresh. Texaa products last a very long time, often more than 20 years.

Covers are removeable, machine-washable, interchangeable and some of our fastenings and accessories are available on request.



Run-free because of the knot in each stitch.



Resistant to wear: resists more than 30,000 cycles of the Martindale rub test NF EN 12947-2.



Antistatic and dustproof: $3.10^7 \,\Omega/m^2$ as tested applying ASTM D257.





Colours

Aeria is knitted in our workshop in Gradignan outside Bordeaux using a patented process. It is available in three stitch sizes and a range of 30 colours. Special colours can be supplied on request.





Gris Nacré **GMR003**



Gris Anthracite GMR006



Gris Nacré MRE003



Gris Anthracite MRE006



Beige Kaolin



Bleu Opale MR007



Bleu Arctique MR021



Bleu Torrent MR009



Bleu Royal MR015



Bleu Pétrole MR018







MRE029



Vert Kaki MR011



Vert Mousse MR028



Pistache MR008



Sauge MR025



Amande MR017



Noir Carbone MR001



Gris Anthracite MR006



Chiné Écorce MR019



Beige Pralin MR002



Chiné Taupe MR023



Jaune Impérial MR016



Ocre MR004



Cannelle MR022



Ambre MR010



Terracotta MR024



Gris Cendré MR014



Gris Nuage MR027



Gris Nacré MR003



Crème MR012



Beige Kaolin MR029



Vermillon MR020



Rubis MR013



Rouge Piment MR030



Noisette MR026



Châtaigne MR005

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