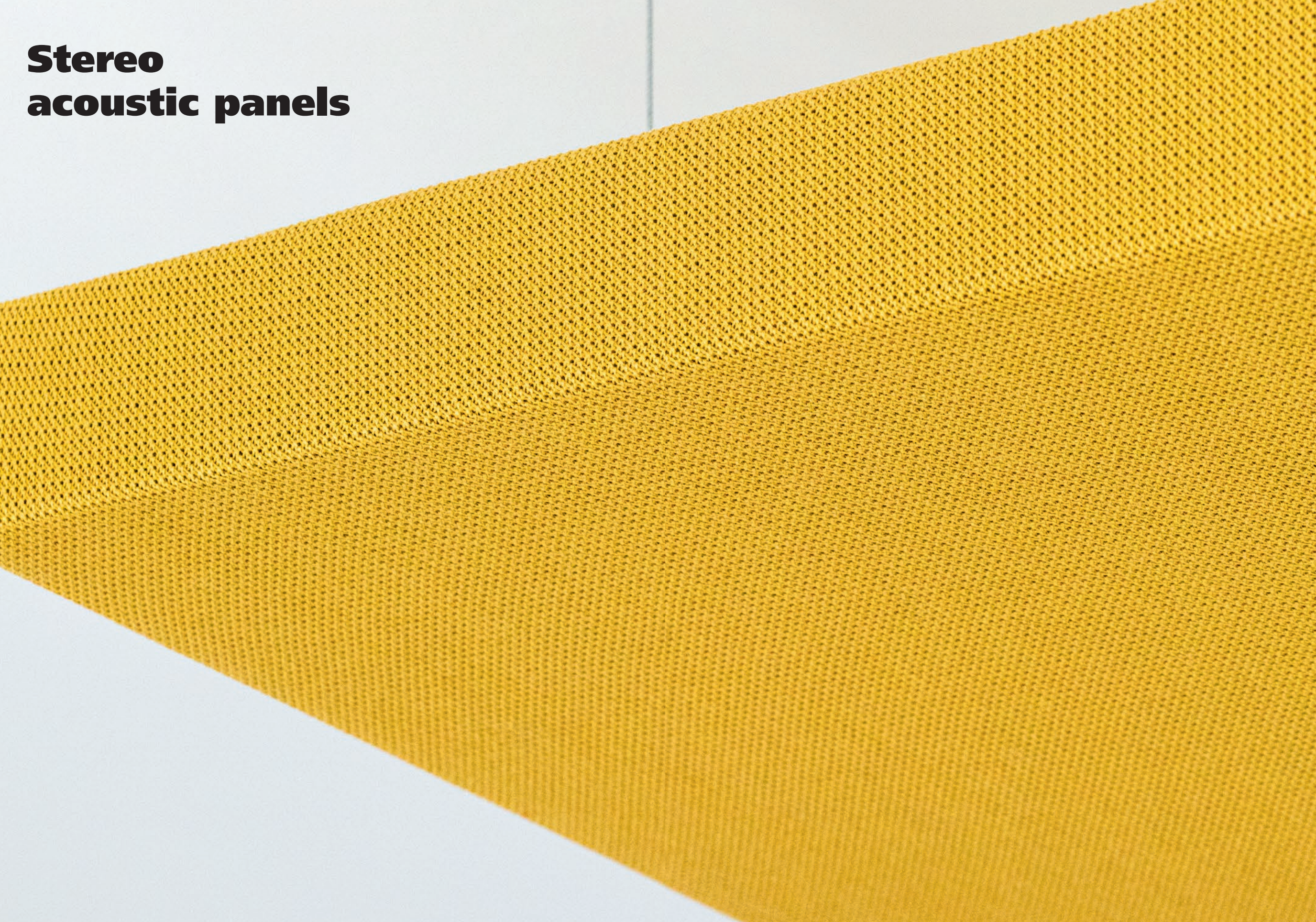


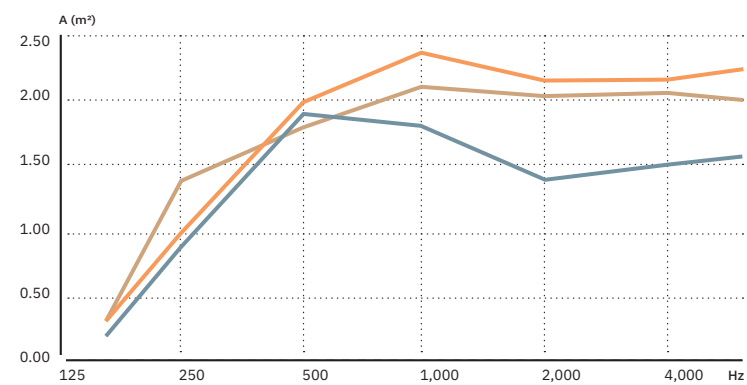
Stereo acoustic panels



Stereo panels are designed to be positioned in volumes.

Pioneered by Texaa, this technique of improving the acoustics of reverberating spaces using objects, has gradually become a standard in the world of architecture.

The panels can be vertical, horizontal, suspended or stood on a surface, singly or connected in clusters. They can be part of the architecture of all types of space to address overall sound reverberation, and area by area.



Acoustic performance

Performance of a panel with dimensions of 1,199 x 1,199 x 55mm
A = equivalent absorption area in m²
Spacing of 2,000 mm

- Suspended singly 300 mm from support
- Suspended as a baffle
- Mounted directly onto the support



PROPORTION OF RECYCLED COMPONENTS



LOW IMPACT ON CLIMATE

See updated environmental data on www.texaa.com



Stereo panel suspended from the ceiling in the headquarters of Ligeris, a property management company in Tours. Designed by iwoodlove, 2020.

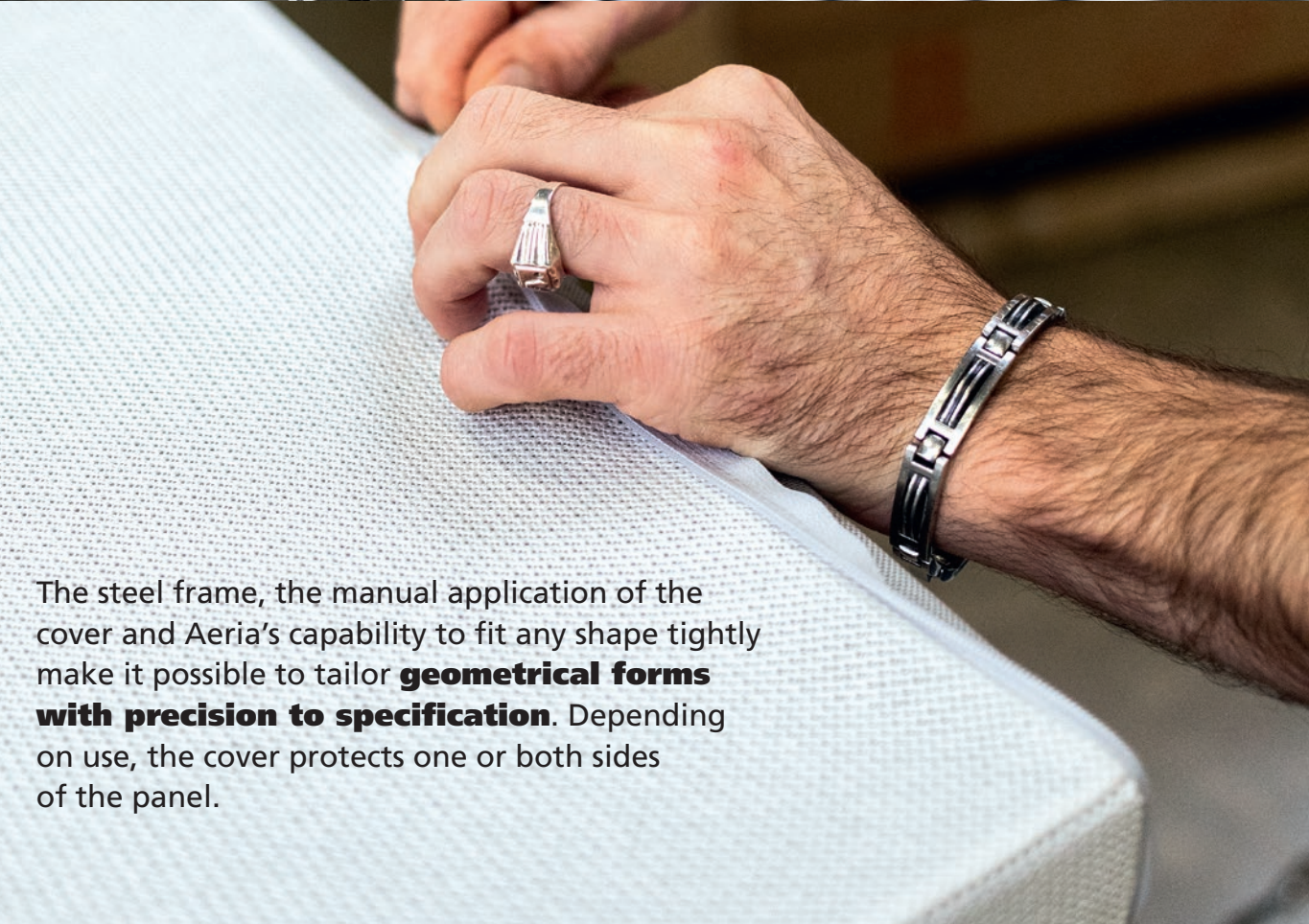
Every panel is made with a rust-proof **steel frame**, absorbent wadding and a microporous cloth, wrapped in a removeable, machine-washable cover made of our Aeria Maille Ronde fabric.



The delivered product is light and easy to install. The panels are **suspended from ceilings** on cables that can be easily adjusted in length, or **mounted on walls** and ceilings using a system of magnets.



The steel frame, the manual application of the cover and Aeria's capability to fit any shape tightly make it possible to tailor **geometrical forms with precision to specification**. Depending on use, the cover protects one or both sides of the panel.



Stereo panels are modular, and their cover can be removed, which prolongs their **useful life**. Covers can be replaced and the panels fitted with new fixing systems to be used in different arrangements.





Stereo acoustic panels suspended from the ceiling in connected clusters in the BP offices in Budapest's Agora building. Interior design project managers: Ida Kiss and Tímea Tóth of DVM Group, 2020.



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Stereo acoustic panels suspended from the ceiling in the La Comète cultural centre in Saint-Étienne in eastern central France. By Dominique Vigier in collaboration with Atelier 131 architects, 2020.

Stereo acoustic panels suspended from the ceiling and fixed to the walls in Lufthansa Industry Solutions offices in Raunheim, Germany. By Karin Landowski of Dark Horse Workspaces, 2018.





Stereo acoustic panels suspended from the ceiling in the Tourelles municipal day care centre in Paris. By Caroline Bapst of SCP Architecture, 2019.



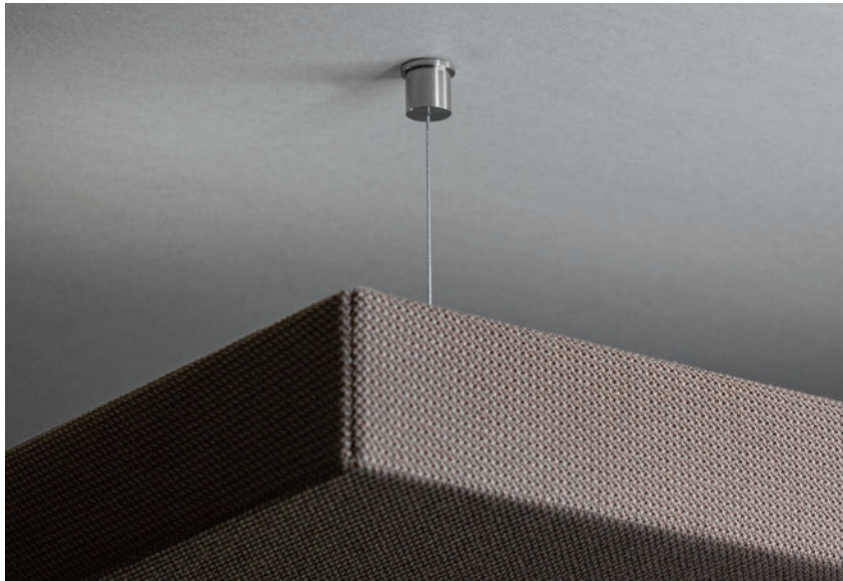
Specially manufactured Stereo acoustic panels suspended from the ceiling in the Citywork 360 coworking building in Dardilly, west of Lyon. By Caroline Borne of SOHO ATLAS IN FINE, architecture and town planning, 2020.



Stereo acoustic panels suspended from the ceiling in baffles in the Anthos building in Boulogne-Billancourt in western Paris. By Élisabeth Naud & Luc Poux associated architects, 2021.



Stereo acoustic panels suspended from the ceiling and connected together in a cluster in a company canteen in Courbevoie, north-west of Paris. Architects: Ateliers 2/3/4; interior design by Saguez & Partners, 2021.



For suspended panels, the hanging system includes small cylindrical covers for a perfect finish.



Stereo acoustic panels suspended from the ceiling and connected together in clusters with lighting hanging from them in the Equator Café in the Michelin head office in Clermont-Ferrand, ©Michelin 2021. Project manager: Romain Leal of Encore Heureux architects.



Stereo acoustic panels mounted on the wall in company offices in Paris. Originally installed in 2000, the covers were changed and the panels reinstalled for the new occupant in 2016. By Audrey Duboit of Colliers International property services.



Stereo acoustic panels screwed to the wall in baffles – a specially manufactured solution – combined with Abso round Cushions in the same colour, suspended from the ceiling, in Climb Up, an indoor climbing wall near Porte d'Italie in Paris in 2021.



Stereo acoustic panels in varying shades mounted on the wall in the Chalucet media centre in Toulon. Architect: Corinne Vezzoni and partners, 2020.



Stereo acoustic panels suspended from the ceiling and connected together.
 Above and opposite page: headquarters of Ligeris, a property management company in Tours.
 Designed by iwoodlove and L'Agence Pigment, 2020.



Stereo acoustic panels suspended from the ceiling.



Stereo acoustic panels suspended from the ceiling with spotlights inserted in them.



Stereo acoustic panels used as partitions suspended from the ceiling on cables that run through them in free-hanging groups. Above and opposite page: head office of the French Union of Public Purchasing Groups (UGAP) in Champs-sur-Marne in eastern Paris in 2021.



Stereo acoustic panels mounted on the wall.



Stereo acoustic panels used as partitions suspended from the ceiling on cables that run through them and are anchored to the floor.

Characteristics of Stereo panels

COMPOSITION

- Metal frame made of rust-proof steel
- Fully recycled white AF1 wadding
- Grey or black microporous cloth cladding
- Removable cover made of sound-transparent Aeria fabric

ACOUSTIC PERFORMANCE

- Equivalent absorption area A(m²) at mid-range frequencies : 1,199-mm x 1,199-mm x 55-mm Stereo suspended panel: 2 m²
- Absorption coefficient α_w of connected Stereo panels in clusters: $\alpha_w = 1$, NRC = 1, class A.

REACTION TO FIRE CLASSIFICATION

- European classification : Complete product: B-s2, d0
- United States - ASTM Class A

DURABILITY OF THE AERIA FABRIC COVER

- Run-resistant
- 330 g/m² (opaque panel)
- Protection against soiling:
 - Hydro/Oleophobic ≥ 5 (AATCC118 and AATCC193)
 - Electrostatic properties $7.10^{10} \Omega$ (EN 1149-1)

CLEANING

Vacuum cleaning, may be taken apart and refitted, removable covers, machine washable.

ENVIRONMENTAL CHARACTERISTICS

- Fully recycled AF1 wadding
- Stereo panels meet the requirements specified in the HQE, LEED and BREEAM (4 points) reference documents and methods, based on:
 - their acoustic contribution
 - the provision of certified EPDs (EN 15804)
 - their very low emissions of VOC and formaldehyde
- Impact on climate change: low (EPDs available on texaa.com)
- Proportion of recycled components: $\geq 57\%$
- All Texaa products qualify for French “A+” health labelling and are classed as “conforming” after assessment using the German AgBB protocol

AVAILABLE OPTIONS

- Recesses for integrated light fittings, loudspeakers, etc.
- Variable dimensions: widths from 300 to 1,200 mm and lengths from 600 to 2,400 mm. Please contact us for larger sizes.
- Access hatch
- Channels for cables to run through

GUARANTEE

10 years

FITTING

- **Suspended singly, linked together or as baffles:** each Stereo panel is suspended from the ceiling on vertical cables made of galvanised steel (diameter 1 mm, length 1,000 mm), each with a cylindrical cover and an adjustable latch-eye hook. The panels are connected together with linking brackets.
- **Fitted to walls or ceilings using a magnetic system:** each Stereo panel is fitted using magnets to 4 unseen metal support plates which are themselves screwed to the wall. For ceiling-mounted panels, 4 removable safety slings connect the panels to the support plates.
- **Suspended as partitions and anchored to the ground:** each Stereo panel is suspended on 2 stainless steel cables that run through the panel and are secured to the ceiling and the floor. The cables are 4 mm in diameter and 4,500 mm long, and are fitted with two adjustable threaded end pieces.
- **Suspended as partitions in free-hanging groups:** each Stereo panel is suspended from the ceiling on 2 galvanised steel cables, 1 mm in diameter and 3,000 mm long, fitted with a cylindrical cover. The cables run through adjustable sliders. A number of panels can be positioned one above the other on the same cables, which are not anchored to the floor.



Run-resistant



Fire-resistant



10-year guarantee

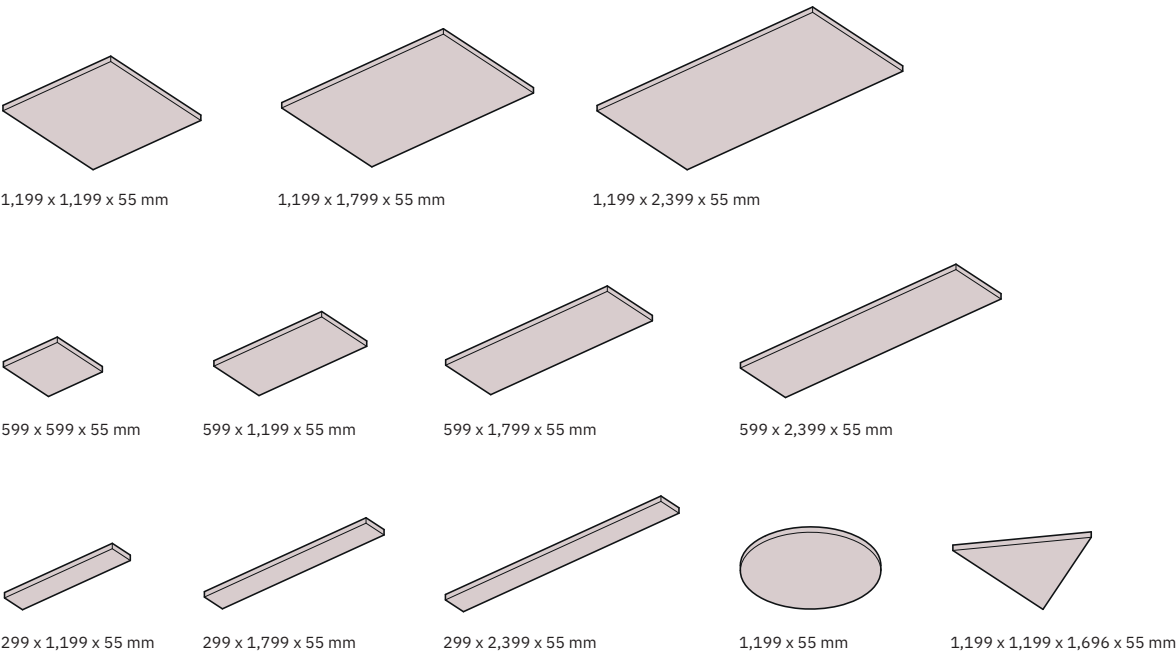


Water repellent and dust-proof



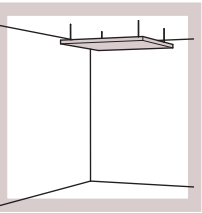
For more info, see texaa.com

SIZES

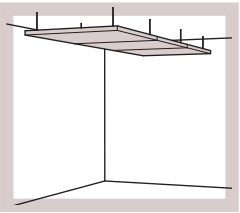


INSTALLATION SYSTEMS

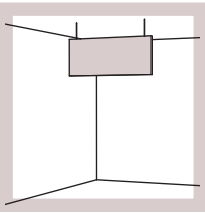
Suspended



Single

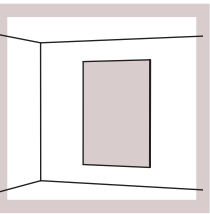


Connected in clusters

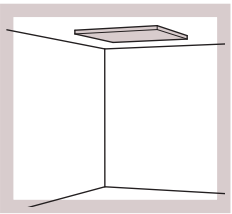


As baffles

Mounted on a support surface

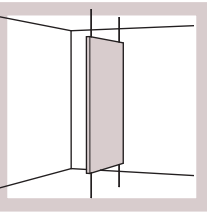


Singly or grouped on a wall

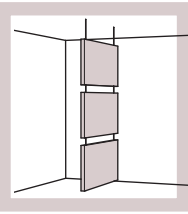


Singly or grouped on the ceiling

Suspended as partitions



Anchored to the floor



In free-hanging groups

COLOURS

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



Aeria colour palette



Granit GMR980



Nacre GMR640



Granit MR980



Nacre MR640



Chiné graphique MR140



Chiné noir MR150



Chiné brun MR120



Chiné naturel MR130



Graphite MR520



Gris pierre MR350



Quartz MR300



Silex MR950



Taupe MR680



Beige MR930



Ciment MR700



Craie MR630



Ivoire MR940



Moutarde MR580



Cumin MR920



Vert beige MR670



Fougère MR650



Prairie MR480



Vert cactus MR550



Lichen MR660



Océan MR340



Bleu étang MR360



Bleu menthe MR370



Bleu nocturne MR310



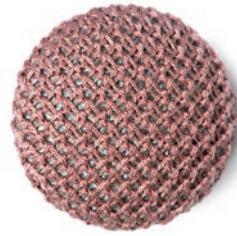
Rouge MR470



Brique MR620



Rose rubis MR320



Vieux rose MR330

Special colours are available on request.
GMR colours are only available for Stereo Air
and Strato open mesh panels.

The stitches are displayed here in their actual size.

The final appearance of any colour of our Aeria fabric
is partially influenced by the base to which it is applied.
The presentations above display Stereo and Vibrasto
applications: light colours are applied to a grey base
and dark colours are mounted on black bases.

Also objects always have light-coloured base materials.
Curtains and blinds always have black bases.
If you are mixing product families, please contact us.

Conceive and build your
solutions with **texaa.com**

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