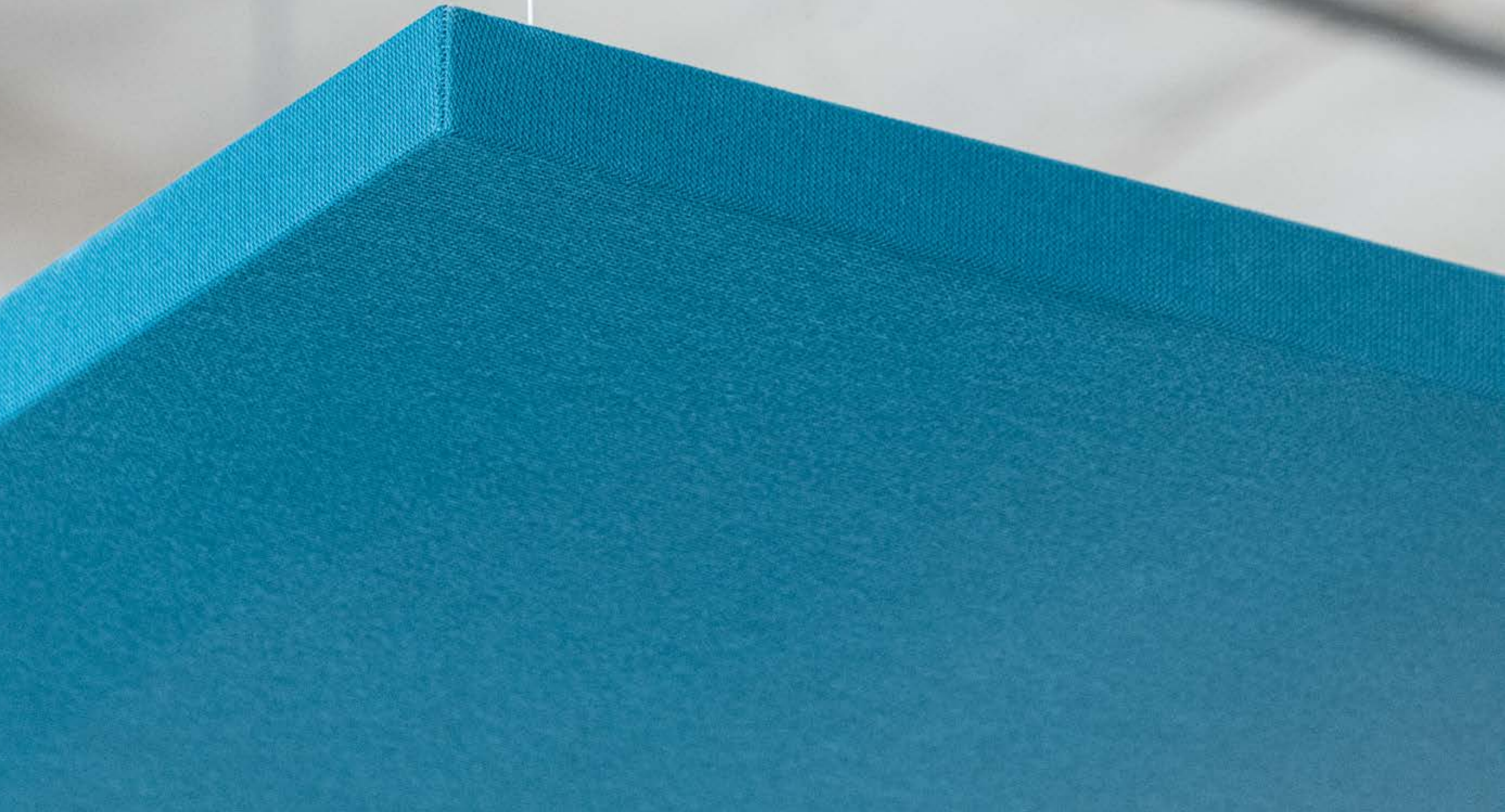


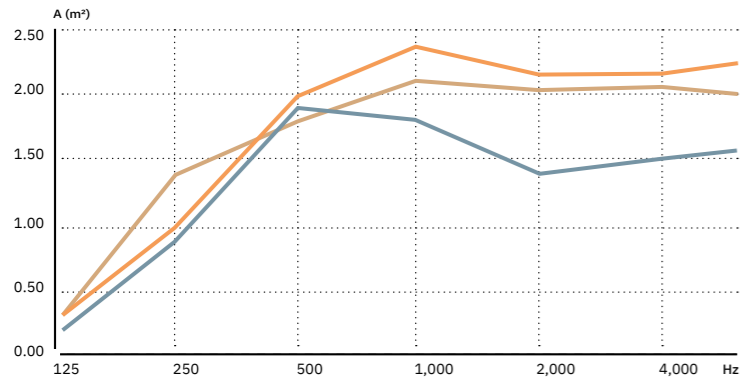
**Stereo
acoustic panels**



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.



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

≥ 57%
PROPORTION OF RECYCLED COMPONENTS

CO₂
IMPACT ON CLIMATE
22,7 kg CO₂ eq /m²

See updated environmental data on www.texaa.com



Similarly coloured Stereo acoustic panels suspended from the ceiling with a recessed spotlight and fixed to the wall in an autism centre in Aubervilliers northeast of Paris. Anne-Sophie Brychcy Architects, 2023.



Stereo panels are available in many sizes. Here they have been fitted to ceiling recesses in the Lampelo restaurant in Bordeaux in 2023.



Overlapping Stereo acoustic panels with recessed spotlights in Con Terra offices in Münster, Germany by if5 design GmbH in 2018.



Stereo acoustic panels alternating with lighting installed to improve the acoustics of a lift access area in the regional headquarters of Orange telecom in Nancy. HGA ARCHITECTES, 2023.

Using matching colours, these Stereo acoustic panels contribute to the lively atmosphere and organisation of this space in a contemporary music room at Quai M a live music venue in La Roche sur Yon in western France. Compagnie Architecture, 2022.





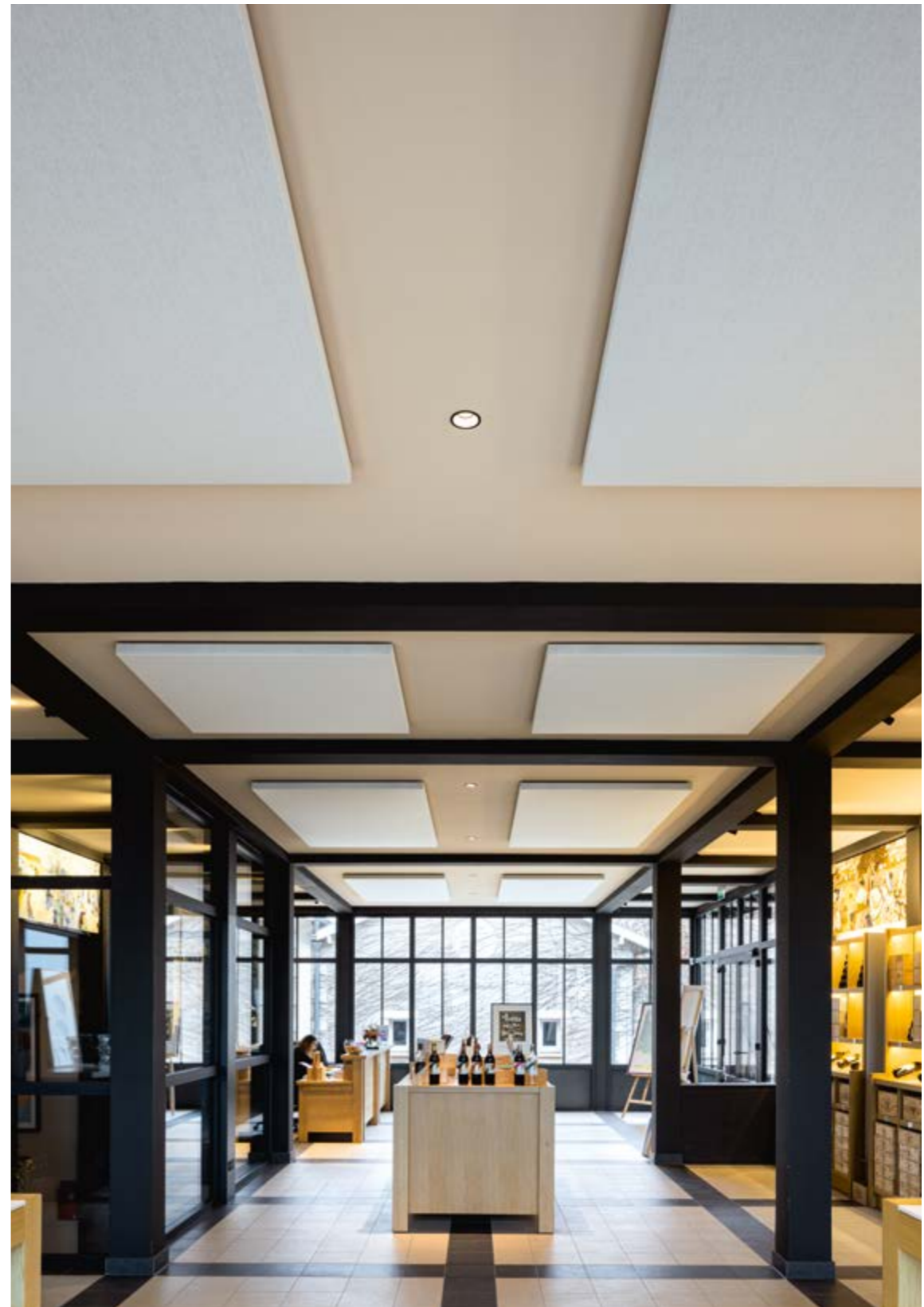
The subtle shades of these Stereo acoustic panels contribute to a hushed atmosphere in Saint-Émilion's, Château Le Châtelet in south-west France, in 2023.



Stereo acoustic panels fixed to the wall in Worcesterstershire Park Railway Station in UK.
Architect: Mark Alton of Mott MacDonald, 2021.



Worcestershire Park Railway Station in UK. Architect: Mark Alton of Mott MacDonald, 2021.



Stereo acoustic panels on the ceiling of Château Latour-Martillac's wine shop in Martillac, southwest France in 2022.



Stereo acoustic panels suspended from the ceiling of the office area of the Royal Horticultural Society in Wisley, UK. Geoff Turner, associate Director of WilkinsonEyre, 2021.



Round Stereo acoustic panels combined with Velio Alpha sound-absorbing acoustic curtains in an autism centre in Aubervilliers northeast of Paris. Anne-Sophie Brychcy Architects, 2023.



Stereo acoustic panels suspended from the ceiling alternating with lighting in classrooms at the Royal Horticultural Society in Wisley, UK. Geoff Turner, associate Director of WilkinsonEyre, 2021.



Stereo acoustic panels fixed to the wall with magnets and Velio Alpha sound-absorbing acoustic curtains in the Ille-et-Vilaine prefecture in Rennes in northwestern France. Architect: Arnaud Dauly of Kardham Group, 2023.



Stereo acoustic panels suspended from the ceiling as baffles in the administrative centre of Sevadec (Calais's waste removal and recycling operations). Polynome architectural workshop, 2020.



A partition of Stereo acoustic panels suspended from the ceiling on cables that run through them and are anchored to the floor in the head offices of the regional authority in Lyon Confluence FERRAND-SIGAL Architectes & Associés. Acoustics by EAI, 2022.



A partition of Stereo acoustic panels suspended from the ceiling on cables that run through them, and Stereo acoustic panels fixed to the wall using magnetic fixtures, in the head offices of the regional authority in Lyon Confluence. FERRAND-SIGAL Architectes & Associés. Acoustics by EAI, 2022.

Extremely long-lasting

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.

HOW THEY ARE MADE



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 makes it possible to manufacture geometric shapes that fit perfectly. The fabric covers one or both sides of the panel.



Optional recesses can be included in the panels to house technical equipment. Above: a light rail inserted into a recess in a Stereo panel suspended as a baffle.

Short supply chains
and maximum durability



Manufactured
in France



Craftsmanship



Guaranteed
10 years

HOW THEY ARE INSTALLED



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

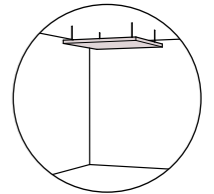


Panels can be suspended from ceilings on cables that are easily adjustable in length.

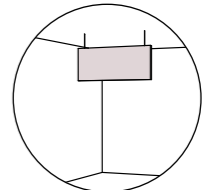


They can also be fixed to walls or ceilings using a system of magnets.

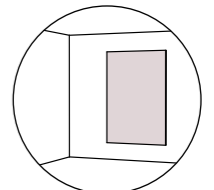
Fitting systems



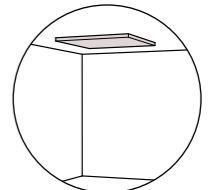
Suspended alone



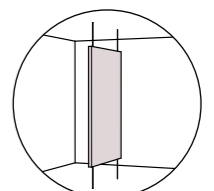
Suspended in baffles



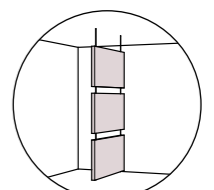
Fixed to walls separately
or in groups



Fixed to ceilings separately
or in groups



As suspended partitions,
anchored to the floor



Free hanging groups to create
a suspended partition

CLEANING AND REUSE



The Aeria fabric used to cover Stereo panels is run-resistant and easily cleaned (see pages 18 to 25). 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.

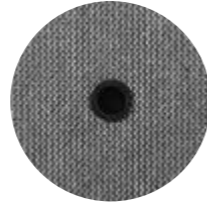
Options



Embroidered



Digitally printed



Channel for cable to pass through (black or transparent)



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



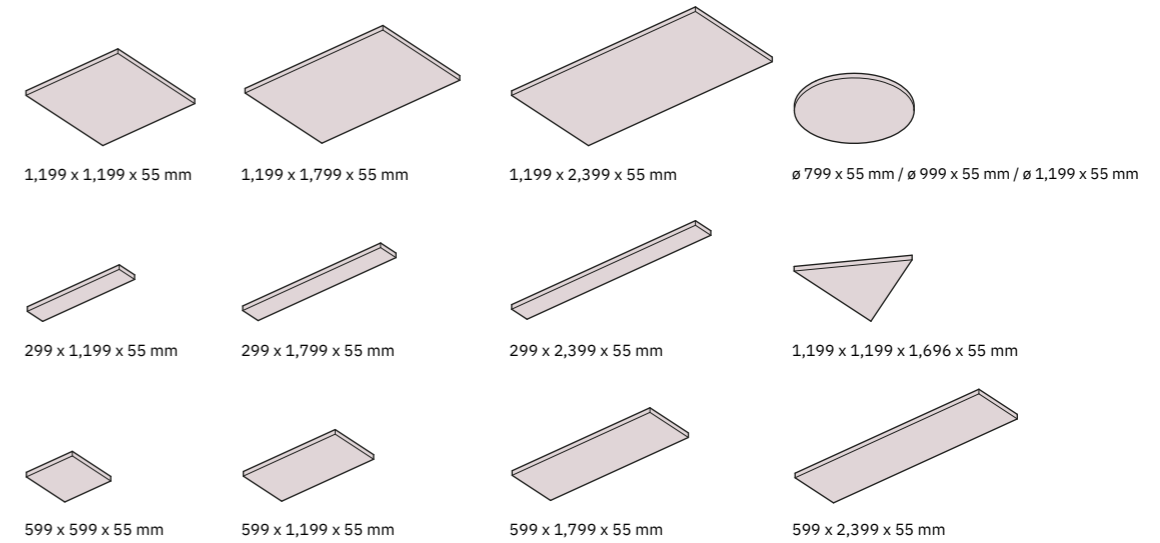
Variable dimensions (widths from 300 to 1,200 mm, lengths from 600 to 2,400 mm. Consult us for dimensions outside these ranges).

CHARACTERISTICS

Updates and technical data sheets on texaa.com



STEREO PANELS



- 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



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

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



57% recycled components



B-s2,d0 (complete product)



Run-resistant knit, 330 g/m² and antistatic



Impact on climate: 22,7 kg CO₂ eq / m²
See French Environmental and Health Product Declarations (FDES) on texaa.com



HQE, LEED and BREEAM (4 points)



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



French "A+" interior air quality AgBB compliant



Select from the 30 colours in the Aeria palette on pages 28 & 29. Special colours available on request.

Aeria colour palette

Special colours are available on request

Main range of 30 colours with the “Maille Ronde” stitch



Chiné graphique MR140



Chiné noir MR150



Chiné brun MR120



Chiné naturel MR130



Craie MR630



Graphite MR520



Granit MR980



Gris pierre MR350



Quartz MR300



Ciment MR700



Silix MR950



Nacre MR640



Taupe MR680



Beige MR930



Ivoire MR940



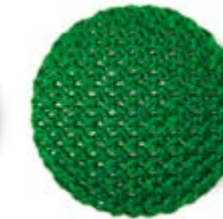
Moutarde MR580



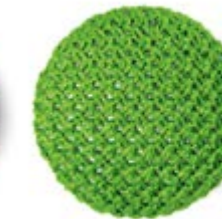
Cumin MR920



Vert beige MR670



Fougère MR650



Prairie MR480



Vert cactus MR550



Lichen MR660



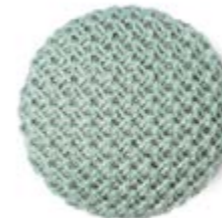
Bleu nocturne MR310



Océan MR340



Bleu étang MR360



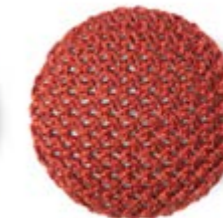
Bleu menthe MR370



Rouge MR470



Brique MR620



Rose rubis MR320



Vieux rose MR330

“Grande Maille” used with Stereo Air open mesh panels



Nacre GMR640



Granit GMR980



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, Kora 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.

“Maille Ronde Élargie” used for Velio drapes



Nacre MRE640



Granit MRE980



Taupe MRE680

Texaa®

Conceive and build your
solutions with texaa.com



Texaa has been officially recognised in France as a 'Living Heritage Company', a distinction that highlights the excellence of French craftsmanship and industrial processes.

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