Stereo acoustic panels

Texaa®

Stereo panels are designed to be positioned in volumes.

They can be vertical, horizontal, suspended or installed, single or in clusters. They can be part of the architecture of all types of space to address sound reverberation overall or area by area.

Pioneered by Texaa, this technique of addressing acoustics in reverberating spaces with objects has gradually become an architectural standard.

RUN-RESISTANT

WATER REPELLENT AND DUST-PROOF

FIRE-RESISTANT

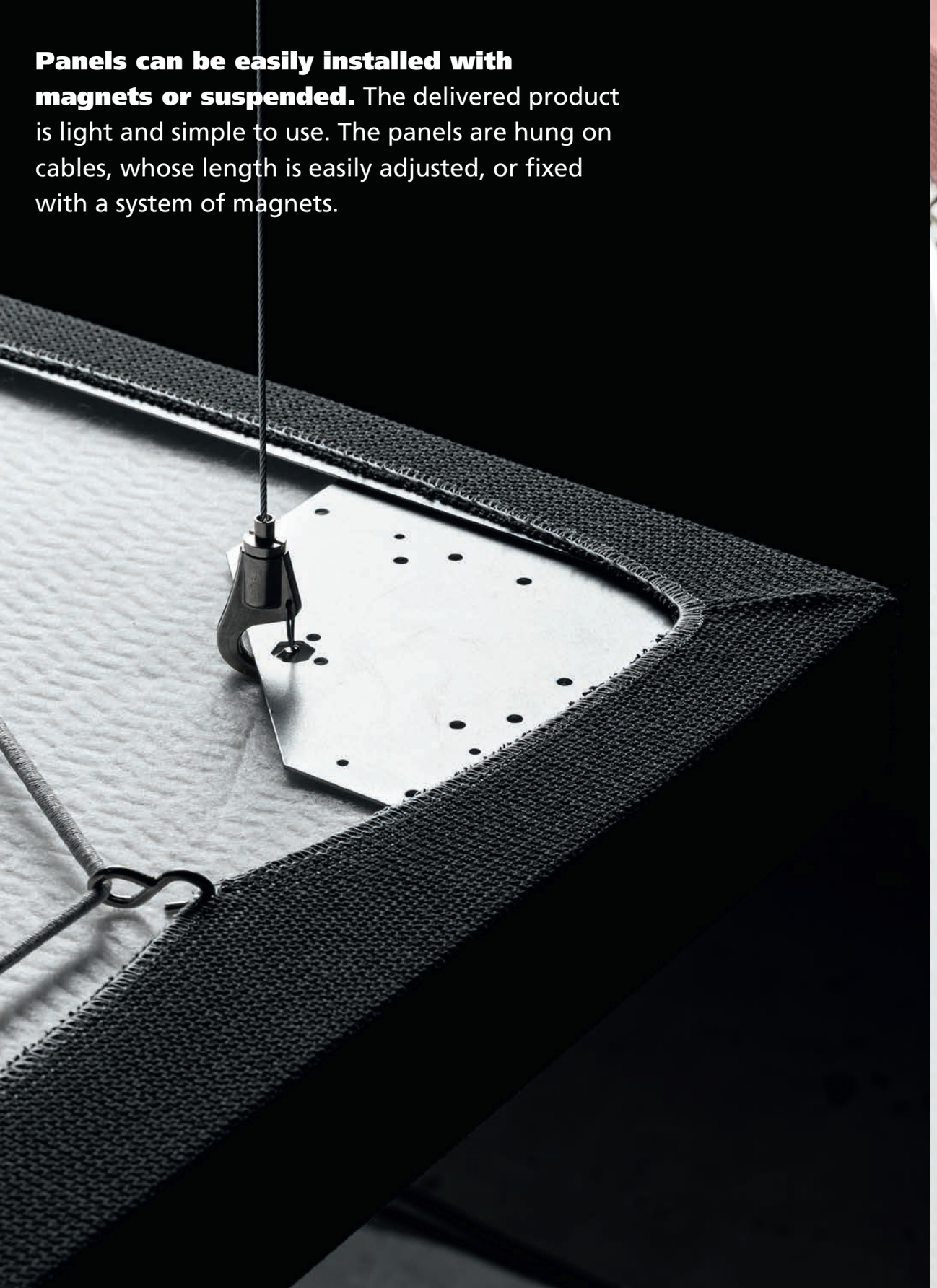
10-YEAR GUARANTEE

Stereo panels suspended from the ceiling.
Goethe Institute in Paris. Architect: Richter+Piquard, 2008.

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 sound-transparent fabric.

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 the requirements**. Depending on use, the cover protects one or both sides of the panel.

Panels can be easily installed with magnets or suspended. The delivered product is light and simple to use. The panels are hung on cables, whose length is easily adjusted, or fixed with a system of magnets.



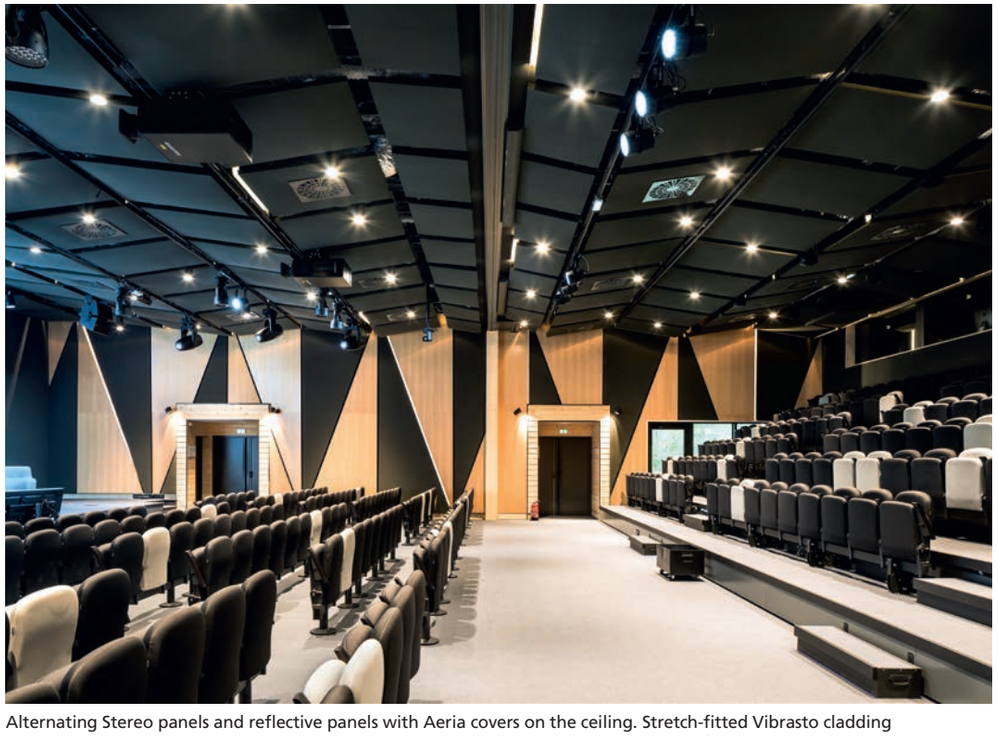
Stereo panels are modular and their cover can be removed, which prolongs their **useful life**. Covers can be replaced or the panels fitted with new fixing systems to be used in different arrangements.

Stereo panels in Yamato restaurant in Talence, a southern suburb of Bordeaux, 2017.

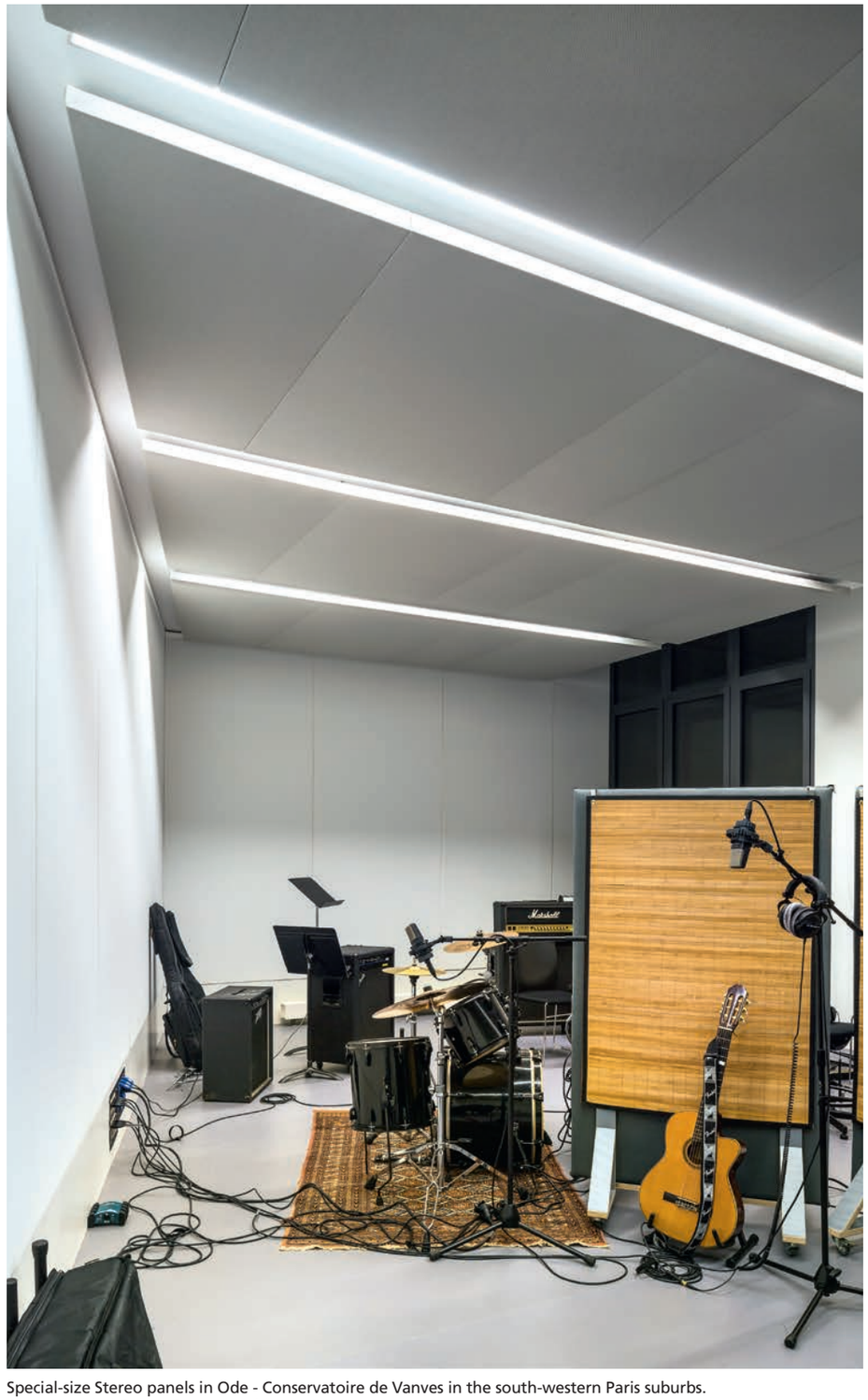
Suspended Stereo panels in “Le Prince Noir”, a Jean-Marie Amat restaurant
in Lormont near Bordeaux. Architect: Bernard Buhler, Bordeaux, 2007.

Suspended clusters of Stereo panels in the lobby of the Paris Institute of Political Studies.
Architects: Cabinet Sahuc & Katchoura, Claire Leroux, 2010.

Special project: Stereo panels fitted on sliding runners to enable access to lighting and sprinkler systems.
Saint Lazare station in Paris. Architects: SNCF Gares et connexions, Arep, DGla, 2012.



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, 2016.



Special-size Stereo panels in Ode - Conservatoire de Vanves in the south-western Paris suburbs.
Anne Houel of Babin+Renaud architects, 2016.

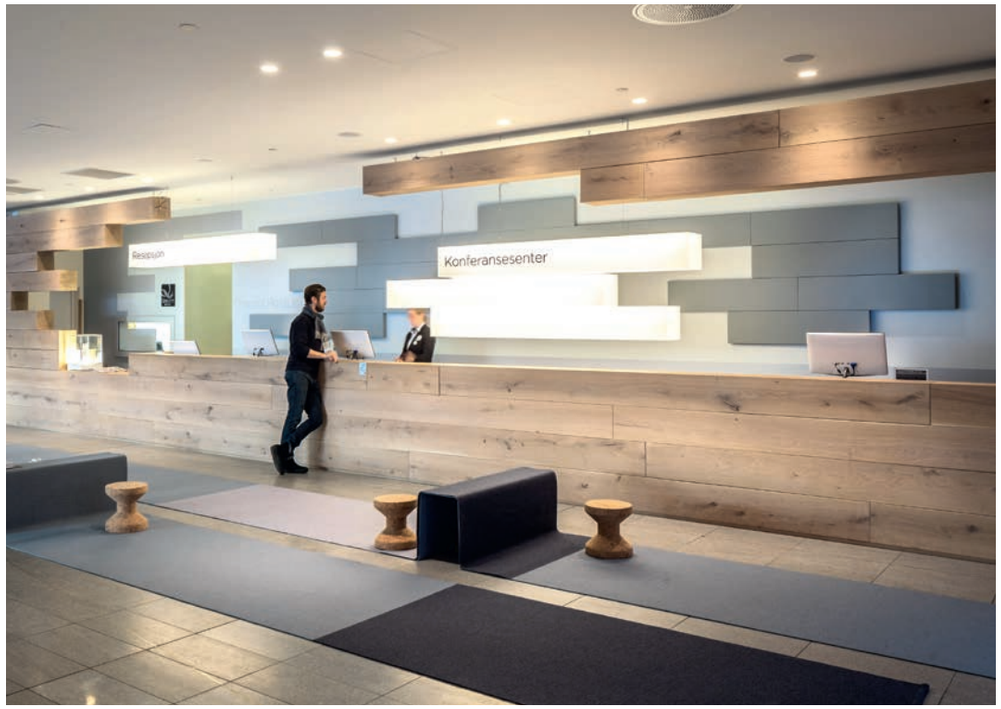
Suspended Stereo panels from the ceiling and in an arrangement of baffles
in the Mac/Val restaurant of the Val de Marne contemporary art museum
in Vitry-sur-Seine, a south-eastern suburb of Paris.
Architect: Jacques Ripault of Ripault-Duhart, 2010.

Stereo panels as screw-mounted baffles, a special project request. Canteen of the Victor Hugo secondary school
in Lunel, southern France. Architect: Pierre Tourre, Montpellier, 2009.

Stereo panels suspended on cables passing through them, enabling dimensions to be adapted to
the markings in the concrete wall on a site in Boulogne-Billancourt in western Paris.
Architects: Foster & Partners and ateliers 2/3/4, interior architects, 2008.

Wall-mounted Stereo panels in a meeting room of Arkose architects firm in Bègles near Bordeaux.
Architect: Dominique Lescanne, 2013.

Wall-mounted Stereo panels in the Hermès Cité des Métiers in Pantin, north-eastern Paris.
RDAI Architecture, 2012.



Wall-mounted Stereo panels at Quality Hotel Expo. in Fornebu, Norway.
Interior architecture: Haptic Architects, London, 2011.

Stereo panels as floor-standing partitions in the Chevreul library of Lumière Lyon 2 University.
Architects: Alain Lelievre and Nesso Architects, 2017.

Partitions

Many contemporary buildings are designed with open spaces that require special solutions to regulate noise. In this connection, Stereo panels can be used to differentiate the acoustics of, and visually separate sub-areas within the same volume. Their shapes and the ways they can be installed enable modular solutions to be easily adapted to different projects.

Stereo panels mounted on cables that pass through them and are anchored to the floor to achieve a partition.
Chevreul library of Lumière Lyon 2 University. Architects: Alain Lelievre and Nesso Architects, 2017.

Stereo panel placed on a table as a partition.

Floor-standing Stereo panels used as a partition in a group.

Characteristics of Stereo panels

COMPOSITION
- Metal frame made of rust-proof steel
- White AF1 felt
- Grey or black microporous cloth cladding
- Removable cover made of sound-transparent Aeria fabric

ACOUSTIC PERFORMANCE
Equivalent absorption area A(m^2) at mid-range frequencies
- Stereo suspended panel 1,199 x 1,199 x 55: 2 m^2

EUROPEAN REACTION TO FIRE CLASSIFICATION
Complete product: B-s2, d0

DURABILITY OF THE AERIA FABRIC COVER
- Run-resistant
- 330 g/m^2 (opaque panel)
- Protection against soiling:
  - Hydro/Oleophobic ≥ 5 (AATCC118 and AATCC193)
  - Electrostatic properties 7 x 10^{10} Ω (EN 1149-1)

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

ENVIRONMENTAL CHARACTERISTICS
- 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
- All Texaa products qualify for French “A+” health labelling and are classed as “conforming” after assessment using the German AgBB protocol

GUARANTEE
10 years

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.

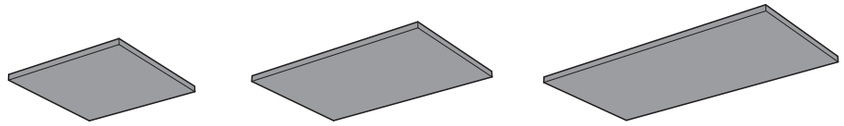
SPECIAL SOLUTIONS
- Specific configurations (overlaid, canopies, etc.).
- Screw-fitted baffles

FITTING
- Suspended: each Stereo panel is suspended from the ceiling from 4 vertical cables (2 or 3 cables for baffles) made of galvanised steel (diameter 1.5 mm, length 1,000 mm), fitted with a threaded end-piece (M6) and an adjustable latch-eye hook.
- Fitted to a support surface using a magnetic system: each single-sided Stereo is fitted using magnets to 4 invisible 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.

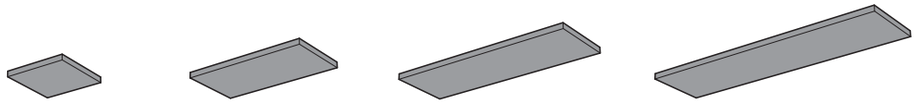
COLOURS
Select from the 30 colours in the Maille Ronde (MR) palette, page 38.
Special colours available on request.

MORE INFORMATION
Specification and full technical characteristics provided in the Stereo technical data sheet available from **www.texaa.co.uk/documentation**

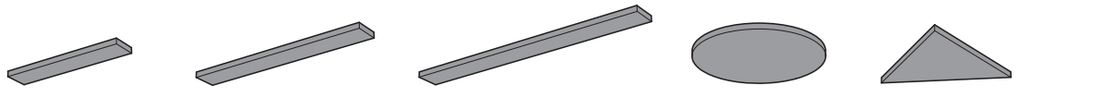
SIZES



1,199 x 1,199 x 55 mm
1,199 x 1,799 x 55 mm
1,199 x 2,399 x 55 mm



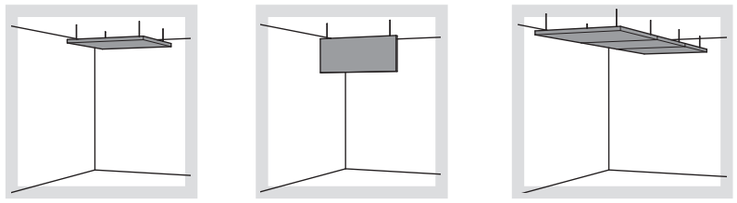
599 x 599 x 55 m
599 x 1,199 x 55 mm
599 x 1,799 x 55 mm
599 x 2,399 x 55 mm



299 x 1,199 x 55 mm
299 x 1,799 x 55 mm
299 x 2,399 x 55 mm
1,199 x 55 mm
1,199 x 1,199 x 1,696 x 55 mm

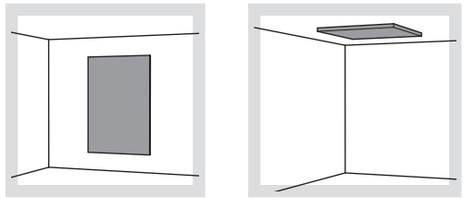
INSTALLATION SYSTEMS

Suspended



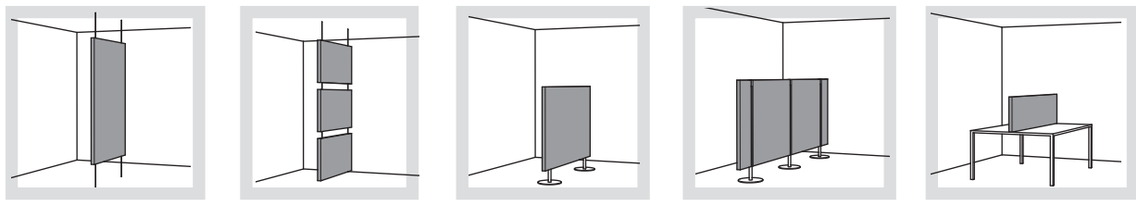
Single
As baffles
In clusters (see Strato)

Mounted to a support surface



Singly or grouped on a wall
Singly or grouped on the ceiling

As partitions (additional sizes specified in the Stereo technical data sheet)



Suspended on floor-anchored cables that pass through the panel
Suspended in clusters on cables that pass through the panels
Standing on the floor singly
Standing on the floor in clusters
Standing on or clipped to a table

Conceive and build your solutions with texaa.com

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