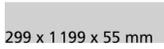


Ceiling-hung double-sided Stereo panels

Seemingly floating between floor and ceiling, ceiling-hung double-sided **Stereo** panels may be used in clusters to provide maximum acoustic comfort. When screwed to walls or ceilings, they form an acoustic shield, dramatically redefining any given space. Both faces of each panel are perfectly clad in a removable textile cover.



299 x 1 199 x 55 mm



299 x 1 799 x 55 mm



299 x 2 399 x 55 mm



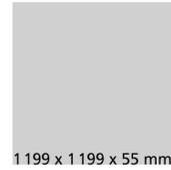
599 x 1 199 x 55 mm



599 x 1 799 x 55 mm



599 x 2 399 x 55 mm



1 199 x 1 199 x 55 mm



1 199 x 1 799 x 55 mm

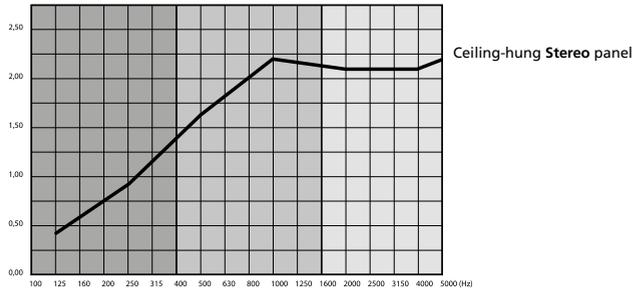


1 199 x 2 399 x 55 mm

Acoustic performance

- For a panel 1 199 x 1 199 x 55 mm

Equivalent absorption area of an object A (m²) – spacing: 1500 mm



Frequencies (Hz)	125	250	500	1000	2000	4000
Ceiling-hung panel	0.46	0.96	1.62	2.21	2.09	2.09

Test reports available on request – Norm NF EN 20354 / ISO 354

Specifications for double-sided Stereo panels

A high level of acoustic absorption is provided by Texaa® Stereo double-sided panels, which comprise:

- a metal frame made of aluzinc steel
- grey AN cellular foam
- an inner grey or black microporous cloth cladding
- a removable and machine washable Aeria textile cover on one side

European reaction to fire classification for complete product

B-s2, d0 – No flaming droplets or particles

Environmental characteristics

HQE: FDES (EN 15804) – Environmental and Health declaration forms certified by AFNOR

LEED / BREEAM:

3 points for { – acoustic efficiency
– certified Environmental and Health Declaration Forms (EN 15804)

Performance indicators for Aeria

Hydro / Oleo-phobic ≥ 5 (AATCC118)

Antistatic properties: 7 10¹⁰ Ω (EN1149-1)

Cleaning

Vacuum cleaning, machine washable cover

Guarantee

10 years

Colours

Available in a range of 22 colours

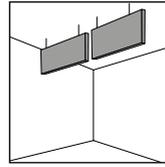
Fitting Methods

□ Suspended from the ceiling using 2 or 3 vertical cables

Each double-sided **Stereo** panel is hung from the ceiling in a vertical position using 2 or 3 galvanized steel cables (depending on panel size), diameter 1.5 mm, length 1 000 mm, each equipped with a threaded end-piece (M6) and adjustable slider.

The fastening elements are placed to the side of each panel :

□ 599 □ 1 199 □ 1 799 □ 2 399 mm [specify]



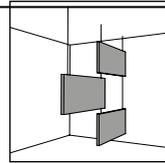
Galvanized steel rawlplug cover (optional)



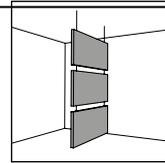
Adjustable slider

□ Suspended in clusters using through cables

Each double-sided **Stereo** panel is hung from the ceiling in a vertical position using 2 galvanized steel cables, diameter 1.5 mm, length 3 000 mm, each equipped with a threaded end-piece (M6) and adjustable slider. Several panels may be hung from the same cables, one above the other. A finishing terminal is fitted to the cable where it emerges from each panel. The cables are not fixed to the ground.



Finishing terminal



Adjustable slider

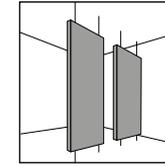
□ Suspended between floor and ceiling with through cables

Each double-sided **Stereo** panel is suspended vertically between ceiling and floor using 2 stainless steel cables running through the panels. The cables, 4 mm in diameter and 4 500 mm long, are equipped with threaded end-pieces (M6) one of which pivots to allow the length of the cable to be adjusted during fitting.

The cables run through the sides of the panels:

□ 599 □ 1 199 □ 1 799 □ 2 399 mm [specify]

NB: to allow correct cable tensioning, the cables should ideally be fastened to an anchor bolt.



Bottom of the cable



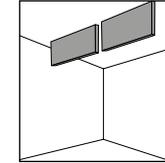
Cable clamp beneath the panel for height adjustment.

□ Screwed to the ceiling

Each double-sided **Stereo** panel is attached to 20 mm support rails in turn fixed to the ceiling with screws. The fixation systems are positioned on the sides of the panels:

□ 599 □ 1 199 □ 1 799 □ 2 399 mm [specify]

NB: fitting / removal requires a 20-mm gap on one side of the panel.



The clip fits into the hanging rail screwed to the ceiling.

Dimensions / weight / acoustic performance [specify]

	Dimensions (mm)	Weight (kg)	Equivalent absorption area of an object A (m ²) at medium frequencies
□	299 x 1 199 x 55	3.8	-
□	299 x 1 799 x 55	5.1	-
□	299 x 2 399 x 55	6.2	-
□	599 x 1 199 x 55	4.5	0.97
□	599 x 1 799 x 55	6.4	-
□	599 x 2 399 x 55	7.6	-
□	1 199 x 1 199 x 55	6.2	1.85
□	1 199 x 1 799 x 55	9.2	2.65
□	1 199 x 2 399 x 55	10.8	3.62

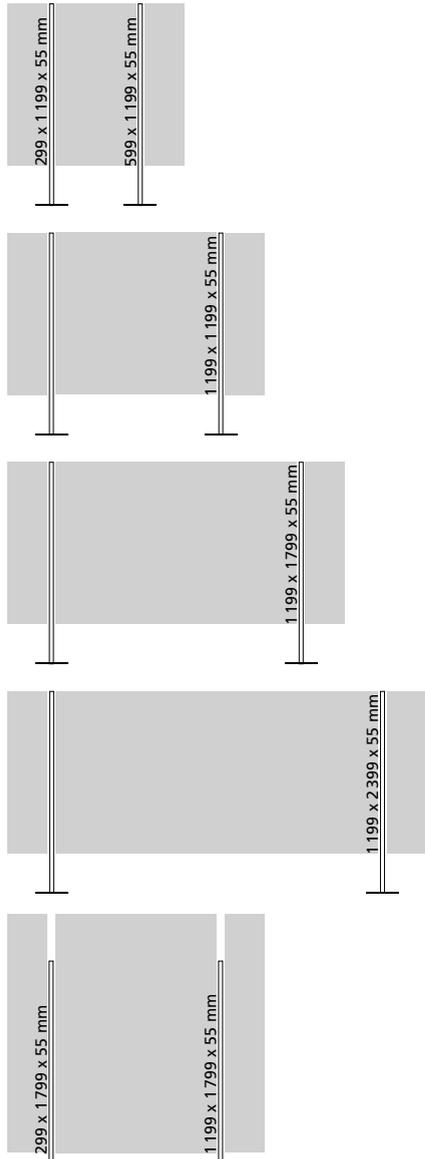
Production time
3 weeks

Professionals to be consulted
General fitters and carpenters

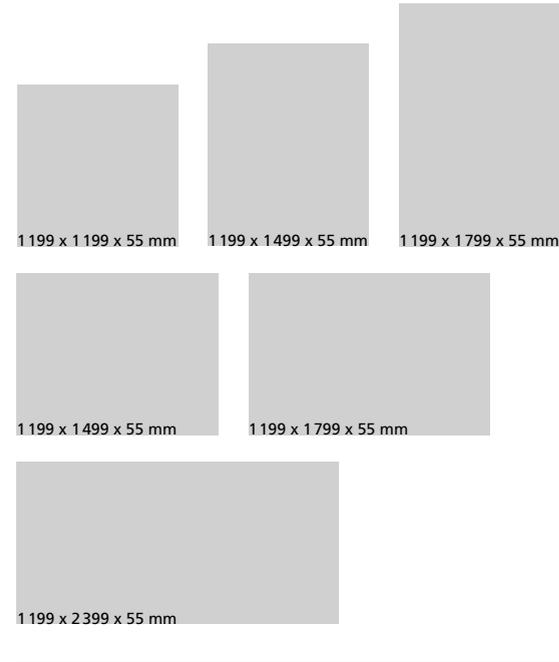
Freestanding double-sided Stereo panels

When mounted on a base or fitted with a metal clip, Stereo panels may be used in a wide variety of configurations to form a fully modular system of acoustic partitions. Setting up the partitions is the simplest of tasks and the screens may be repositioned or rearranged in an instant to adapt to the changing uses of any given space. Their simplicity and cheerful presence make them a choice of predilection for enhancing the acoustic comfort of intimate spaces.

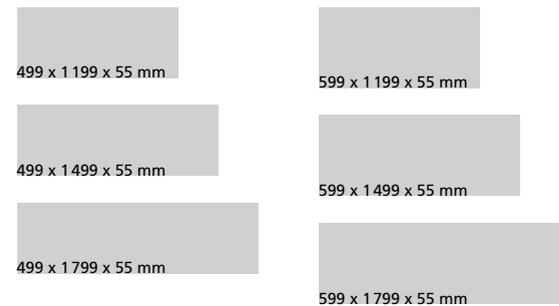
Mounted on freestanding bases, in clusters



Mounted on freestanding bases, in isolation



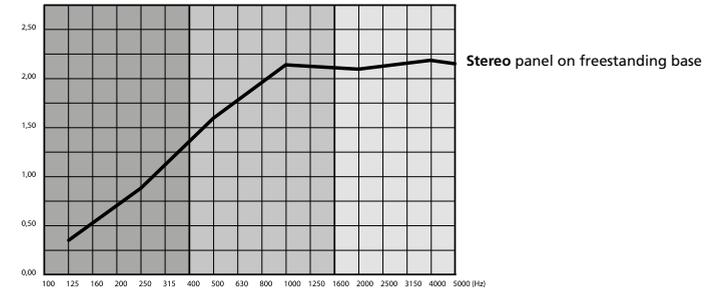
Fixed or clipped onto tables



Acoustic performance

- For a panel 1 199 x 1 199 x 55 mm

Equivalent absorption area for an object A (m²) – spacing: 1 500 mm



Frequencies (Hz)	125	250	500	1000	2000	4000
Panel on freestanding base (total height 1 500 mm)	0.34	0.83	1.60	2.16	2.09	2.17

Test reports available on request – Norm NF EN 20354 / ISO 354.

Specifications for double-sided Stereo panels

A high level of acoustic absorption is provided by Texaa® Stereo double-sided panels, which comprise:

- a metal frame made of aluzinc steel
- grey AN cellular foam
- an inner grey or black microporous cloth cladding
- a removable and machine washable Aeria textile cover on one side

European reaction to fire classification for complete product

B-s2, d0 – No flaming droplets or particles

Environmental characteristics

HQE: FDES (EN 15804) – Environmental and Health declaration forms certified by AFNOR LEED / BREEAM:

3 points for { – acoustic efficiency
– certified Environmental and Health Declaration Forms (EN 15804)

Performance indicators for Aeria

Hydro / Oleo-phobic ≥ 5 (AATCC118)

Antistatic properties: 7 10¹⁰ Ω (EN1149-1)

Cleaning

Vacuum cleaning, machine washable cover

Guarantee

10 years

Colours

Available in a range of 22 colours

Fitting Methods

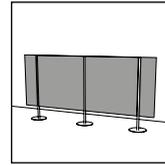
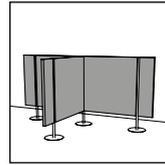
□ Mounted on a freestanding base, in clusters

Each double-sided **Stereo** panel is mounted on a freestanding base with screw-in feet available in either brushed stainless steel or white lacquer [specify]: Weight of stand: 8.3 kg, height 1495 mm, diameter 42 mm, diameter at base 360 mm.

The fixation systems are positioned on the sides of the panels:

- 1 199 □ 1 799 □ 2 399 mm [specify]

NB: The basic stand allows 4 panels to be assembled at right angles. Made-to-measure bases are also available for specific configurations. The base may be anchored to the floor if desired.



Two types of feet are available, anchored to the floor or used as a freestanding base



White lacquered feet

Dimensions / weight / acoustic performance [specify]

	Dimensions (mm)	Weight (kg)	Equivalent absorption area of an object A (m ²) at medium frequencies	Total height (mm)
□	Wing(s) 299 x 1 199 x 55	3.8	0.52	1 500
□	Wing(s) 299 x 1 799 x 55	5.1	0.77	1 840
□	Panel(s) 599 x 1 199 x 55	4.5	0.96	1 500
□	Panel(s) 599 x 1 799 x 55	6.4	-	1 840
□	Panel(s) 599 x 2 399 x 55	7.6	-	2 440
□	Panel(s) 1 199 x 1 199 x 55	6.2	1.86	1 500
□	Panel(s) 1 199 x 1 799 x 55	9.2	2.70	1 840
□	Panel(s) 1 199 x 2 399 x 55	10.8	3.60	2 440
□	Brushed stainless steel foot	8.3	-	1 495
□	White lacquered foot	8.3	-	1 495

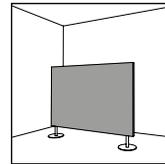
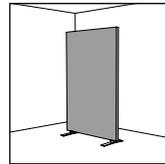
□ Mounted on a freestanding base, in isolation

Each double-sided **Stereo** panel is mounted on a freestanding base with two screw-in feet:

- Rectangular (450 mm x 70 mm): weight per foot 1.8 kg, height 60 mm, diameter 42 mm, available in brushed stainless steel or white lacquer [specify]

- Circular (diameter 300 mm): weight per foot 5.35 kg, height 160 mm, available in white lacquer (solely for panels 1 199 mm in height)

NB: The frame of the panels is slightly flexible. It is therefore impossible to arrange them in perfect alignment.



Rectangular foot in brushed stainless steel



Circular foot in white lacquer

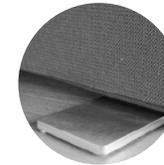
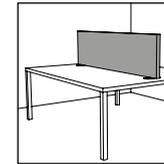
Dimensions / weight / acoustic performance [specify]

	Dimensions (mm)	Weight (kg)	Equivalent absorption area of an object A (m ²) at medium frequencies	Total height (mm)
□	1 199 x 1 199 x 55	9.8	1.86	1 260
□	1 199 x 1 499 x 55	11.9	-	1 560
□	1 199 x 1 799 x 55	12.8	2.70	1 860
□	1 199 x 2 399 x 55	14.4	3.60	2 460

□ Fixed to a table

Each double-sided **Stereo** panel is fixed to the table by means of two feet screwed into the bottom of the panel, available in either brushed stainless steel or white lacquer [specify]: Weight per foot: 0.75 kg, height 12 mm, width 70 mm, length 190 mm.

- Brushed stainless steel foot
□ White lacquered steel foot



Brushed stainless steel foot

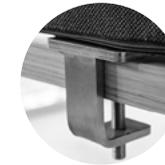
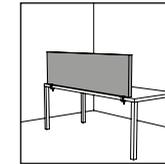


White lacquered steel foot

□ Clipped to a table

Each double-sided **Stereo** panel is fixed to the edge of the table by means of clips screwed into the bottom of the panel, available in either brushed stainless steel or white lacquer [specify]: Weight per foot: 0.9 kg, height 73 mm, width 70 mm, depth 62 mm.

- Brushed stainless steel clip
□ White lacquered steel clip



Brushed stainless steel clip



White lacquered steel clip

Dimensions / weight / acoustic performance [specify]

	Dimensions (mm)	Weight (kg)	Equivalent absorption area of an object A (m ²) at medium frequencies	Total height (mm)
□	499 x 1 199 x 55	5.7	-	510
□	499 x 1 499 x 55	6.5	-	510
□	499 x 1 799 x 55	6.8	-	510
□	599 x 1 199 x 55	5.9	0.96	610
□	599 x 1 499 x 55	7.2	-	610
□	599 x 1 799 x 55	7.9	-	610

Production time

3 weeks

Professionals to be consulted

General fitters and carpenters

Specification Sheet for Stereo and Abso Products

Definition	Stereo	Abso
Fitting	Ceiling-hung, screwed in or freestanding	Ceiling-hung or freestanding
Materials used	Aeria*/ grey AN foam / grey or black microporous cloth / aluzinc steel frame	Aeria*/ Grey AP foam
Colours	22 colours	22 colours
Physical properties		
Thermal resistance (EN 12667)	0.032 – 0.034 W / mK	0.032 – 0.034 W / mK
Light reflectance (for colour Nacre MR 640)	81 %	81 %
Durability		
Mechanical properties		
– Abrasion resistance (EN 530 – resistance to rubbing)	> 40000	> 40000
– Fraying	none	none
– Variations in dimension (given normal temperature and humidity conditions)	no	±1 %
– Colour fastness (ISO 105-B02 – scale 1 to 8)	≥ 5	≥ 5
– Electrostatic properties (EN 1149-1)	7 10 ¹⁰ Ω	7 10 ¹⁰ Ω
– Fluid repellent treatment AATCC118 (scale 1 to 8)	≥ 5	≥ 5
– Conditions of normal exposure	Relative humidity between 30 % and 75 % and temperature between 10 °C and 30 °C	Relative humidity between 30 % and 75 % and temperature between 10 °C and 30 °C
– Conditions of exceptional exposure	Relative humidity between 20 % and 90 % and temperature between 10 °C and 30 °C	Relative humidity between 20 % and 90 % and temperature between 10 °C and 30 °C
Health and safety		
Fire safety ratings		
– Europe EN – for complete product	No flaming droplets or particles B-s2, d0	- C-s3, d0
– France NF – individual materials	-	M1 non dripping
– United States ASTM	Class A	-
Higher heating value (EN ISO 1716)	19,81 MJ / kg 13,77 MJ / m ²	19.915 MJ / kg -
Environmental standards		
Development of micro-organisms	The materials used reduce the presence of house dust mites and micro-organisms	The materials used reduce the presence of house dust mites and micro-organisms
HQE® High Quality Environmental Standard (Norm EN 15804)	Certified health and environment declaration forms available on request	-
Emissions of VOC and formaldehyde (ISO 1600) French health labelling / in accordance with German protocol AgBB (mai 2010)	A / Compliant	A+
Contributions to LEED / BREEAM certification		
– Certified environmental declaration forms		
– Product declaration	3 points	-
– Air emissions		
– Acoustic performance		
Cleaning		
Method	Vacuum clean every one to five years, depending on conditions of use*** Removable textile cover, machine washable at 30 °C, dry flat	Vacuum clean every one to five years, depending on conditions of use*** Removable textile cover, machine washable at 30 °C, dry flat**

* Sound transparent textile, exclusively patented by Texaa®

** Except for insertable ceiling pads

*** Please refer to the cleaning and maintenance sheets