

**textiles**

**acoustics**

**architecture**

**Texaa**®



NOIR MR490



GRIS BRUN MR780



GRIS METAL MR840



GRIS PERLE MR820



MOKA MR230



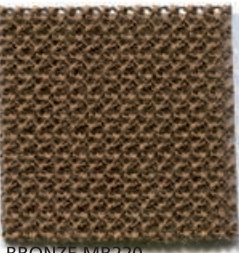
ÉCORCE MR210



GRÈGE MR710



LIN MR240



BRONZE MR220



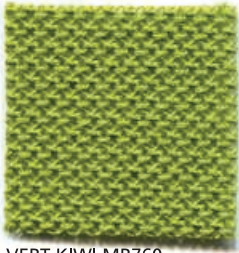
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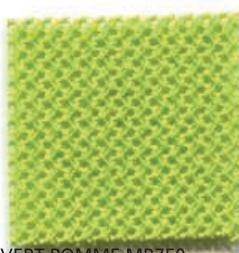
OLIVIER MR200



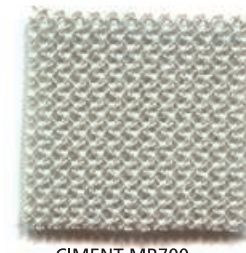
SABLE MR270



VERT KIWI MR760



VERT POMME MR750



CIMENT MR700



JAUNE TRAFIC MR380



OCRE ROUGE MR390



ROUGE TRAFIC MR470



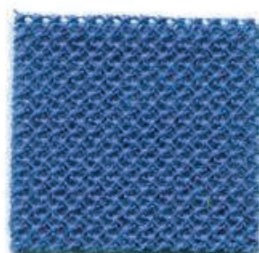
ORANGE MR720



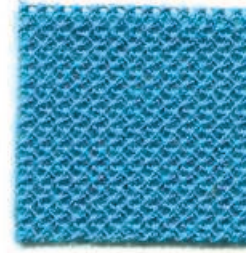
ROSE MR730



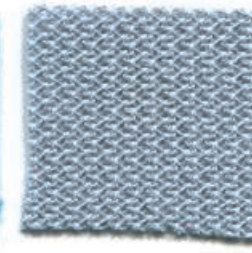
VIOLET MR740



BLEU MR 790



BLEU VERT MR690



GRIS CIEL MR770

**Texaa®** designs and develops panels, screens, stretched fabrics and freestanding or ceiling-hung objects to improve the acoustic comfort of the places in which we live and work. They are made from sound absorbing foam covered in a high-quality sound transparent\* fabric, available in a range of 24 colours. Our fabrics are knitted and our products assembled near Bordeaux, France.

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\* Aeria, our sound transparent fabric, exclusively patented by Texaa®

Our **Stereo** range of rigid acoustic panels and screens is designed to reduce excessive reverberation in large spaces. It is available in a multitude of sizes and in the 24 fabric colour finishes of our exclusive sound transparent **Aeria**\* textile range. It provides the perfect sound solution for interiors both new and old, contemporary and traditional.

The rigid metal skeleton frames guarantee the strict geometric format of each element, inspiring their use in creative combinations, from elegant lines and constellations to suspended acoustic ceiling clouds or sound shields and fins, for use on walls or ceilings and in open spaces.

**Fire rating**

- Europe (SBI Euroclass) B-s2, d0
- France M1 non dripping
- USA (ASTM-E84) Class A

**Indoor environment quality**

**Emission of VOCs and formaldehyde**

- Stereo panels meet with German Ag BB norms (March 2008)
- Other requirements, please contact us.

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\*Aeria, our sound transparent fabric, exclusively patented by Texaa®

# #1. Stereo acoustic panels and screens for works of architecture



Stereo panels suspended with vertical cable fixings.  
 Restaurant MACVAL, musée d'art contemporain du Val de Marne (Photo Hervé Abaddie) / Ripault and Duhart architecture agency, architect J. Ripault.  
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 Stereo panels used architecturally around the walls of a meeting room Anglet, Pyrénées Atlantiques (photo DR) / architect Philippe Pastre



## Stereo panels

The panels from our **Stereo** range may be used individually or in combination to create pure lines and patterns, or exceptionally effective aerial acoustic clouds of varying sizes\*, fixed to the ceiling or seemingly floating in empty space. They may be suspended with vertical or horizontal cable fixings, screwed, slotted or clipped into walls or ceilings, or fitted to vertical metal surfaces with magnets.

### Panel sizes

596 x 1,196 x 50 mm

596 x 1,796 x 50 mm

596 x 2,396 x 50 mm

1,196 x 1,196 x 50 mm

1,196 x 1,796 x 50 mm

1,196 x 2,396 x 50 mm

suspended in lines and attached together with steel brackets

suspended in clouds from a steel frame

suspended with vertical cable fixings

suspended from horizontal cable fixings

screwed to the ceiling / clipped to walls

fitted to vertical metal surfaces with magnets

\*only for panels 596 x 1,196 x 50 mm and 1,196 x 1,196 x 50 mm

# Stereo panels



596 x 1,196 x 50 mm



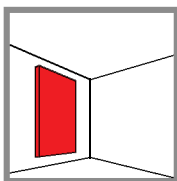
1196 x 1,196 x 50 mm



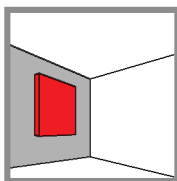
1796 x 1,196 x 50 mm



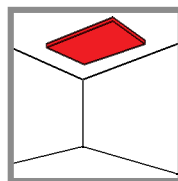
2,396 x 1,196 x 50 mm



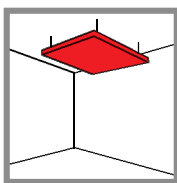
Stereo panels  
– clipped to walls



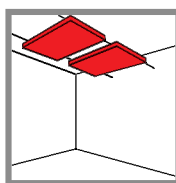
– fitted to vertical metal surfaces  
with magnets



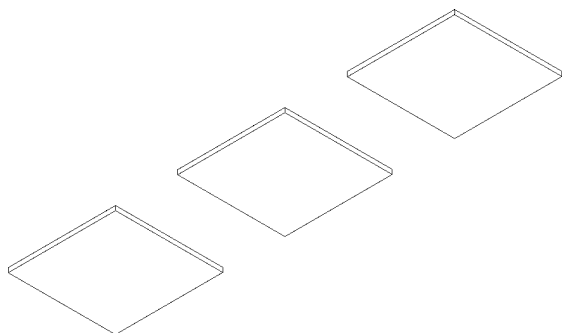
– screwed to the ceiling



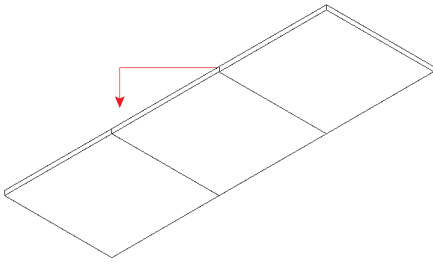
Stereo panels  
– suspended with vertical cable fixings



– suspended from horizontal cable fixings



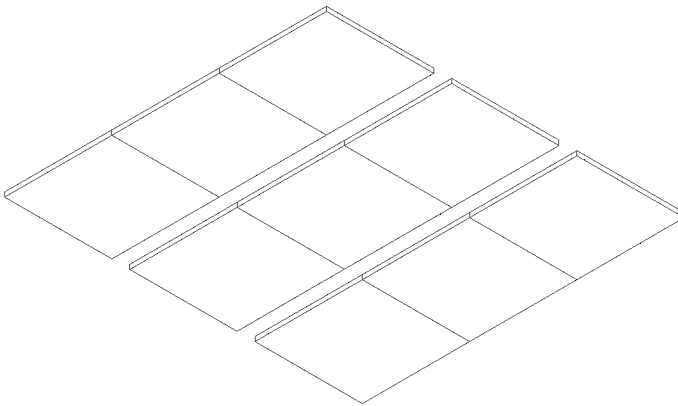
...in isolation or dotted lines



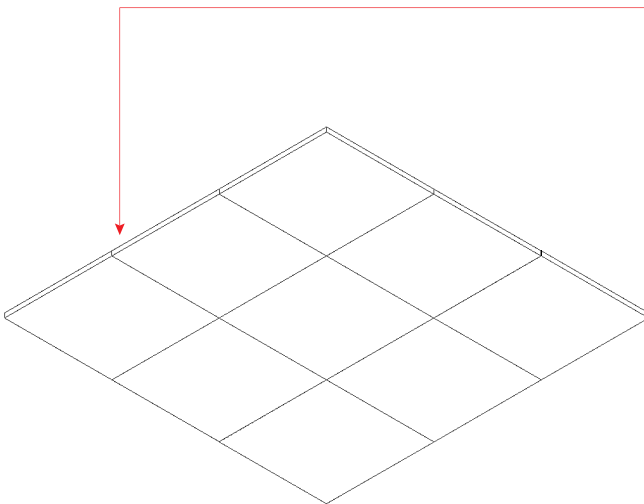
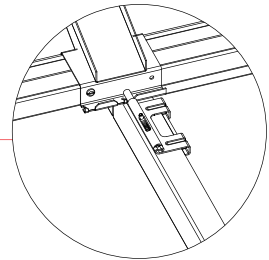
...in a line



When suspended in an unbroken line,  
Stereo panels are fixed together with brackets.



...in rows



...in a seamless cloud



When positioned to form a cloud,  
Stereo panels must be suspended  
from a metal frame.  
The panels may be clipped into place  
and unclipped almost effortlessly.



Stereo screens suspended with through cable fixings, open office space, Philips France, Suresnes

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These versatile, transportable acoustic partitions are mounted on a polished stainless steel base capable of holding up to four screens at right angles.



## Stereo screens

**Stereo** screens may be suspended from the ceiling at various heights or mounted on a freestanding base and are designed to provide a high level of sound absorption for large open spaces. They are covered in fabric on all sides and offer a simple, easily transportable and effective way of marking out quiet zones or closing off individual spaces. Used in combination, they provide inspired means of sculpting interior spaces by creating an acoustic shield.

### Screen sizes

296 x 1,196 x 50 mm

596 x 1,196 x 50 mm

1,196 x 1,196 x 50 mm

1,196 x 1,796 x 50 mm

1,196 x 2,396 x 50 mm

suspended with vertical cable fixings

suspended between floor and ceiling with through cable fixings

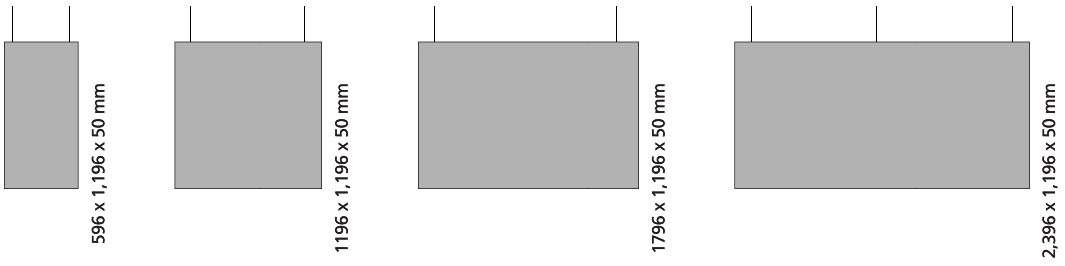
positioned to form an acoustic fin

mounted on a freestanding base

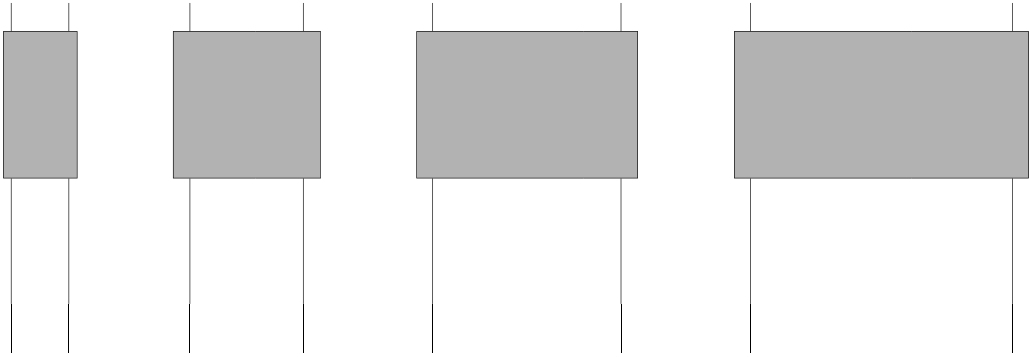
(versatile, transportable partitions)

slotted to the ceiling

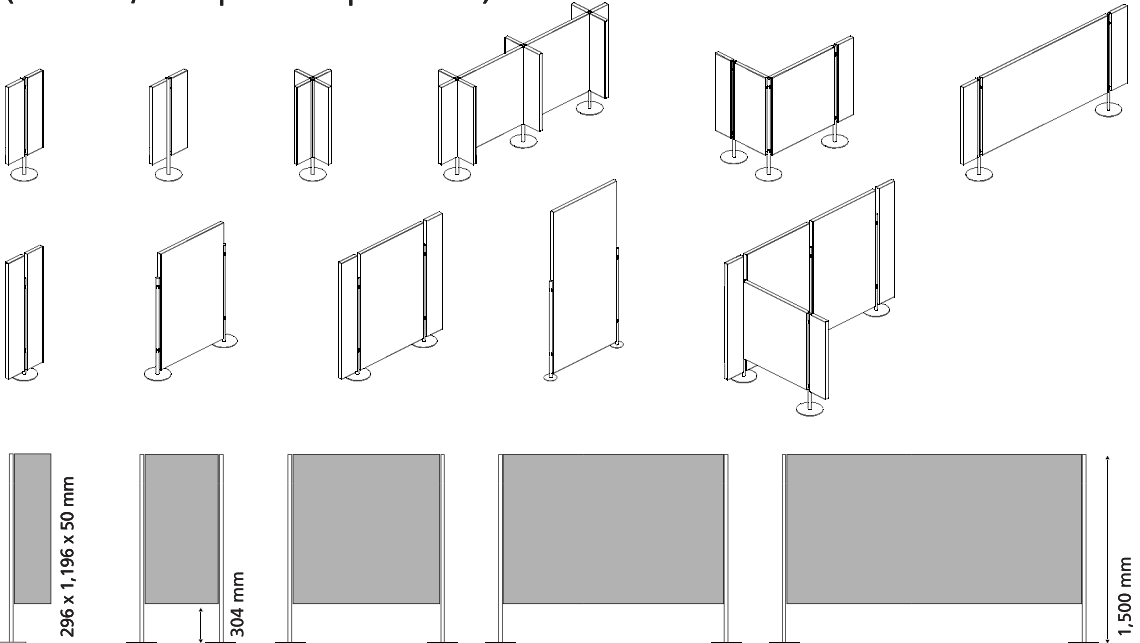
## Stereo screens suspended with vertical cable fixings

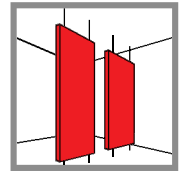
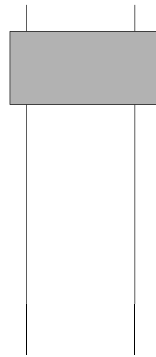
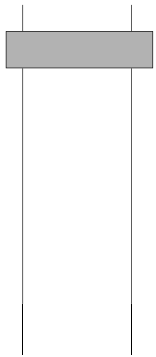
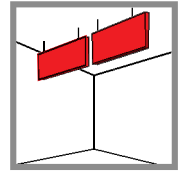
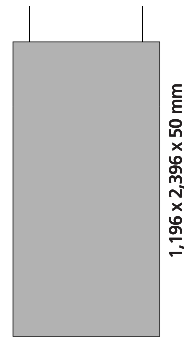
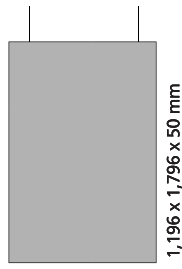
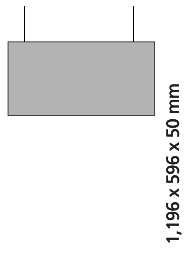
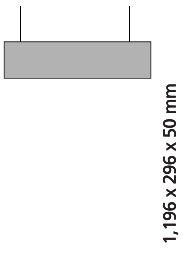


## Stereo screens suspended with through cable fixings

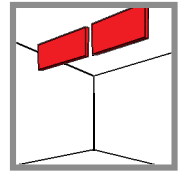
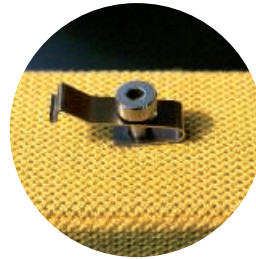


## Stereo screens mounted on freestanding base (versatile, transportable partitions)

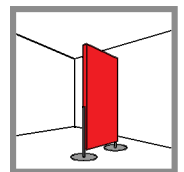
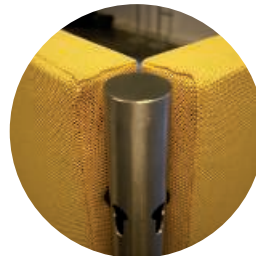
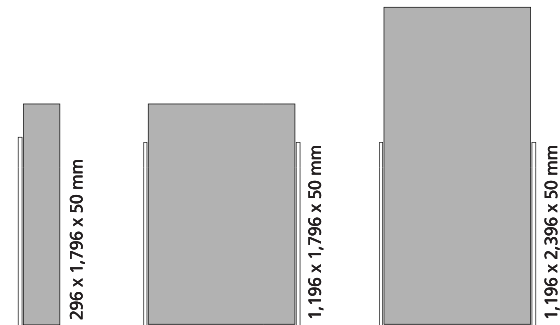




## Stereo screens slotted to the ceiling



Stereo screens are either suspended from the ceiling or positioned on a base using dowel pins which clip into a rail.



**Vibrasto** is our range of acoustic wall coverings, a tried and tested product designed some thirty years ago and constantly refined and perfected since. Today it is the recognised market leader, offering faultless acoustic and technical qualities, meeting the most exacting norms and professional requirements.

**Vibrasto** is made from an outer layer of **Aeria**\* laminated to high performance sound absorbing foam or felt and may be used to cover walls or ceilings and either stretched and anchored into position or glued to the surface. Swathes of **Vibrasto** may also be suspended vertically across the interior volume of a room or used as blinds to dress glazed surfaces.

**Indoor environment quality**

Emission of VOCs and formaldehyde.

**Vibrasto** meet with German Ag BB norms (March 2008)

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\*Aeria, our sound transparent fabric, exclusively patented by Texaa®

#2.

Wall coverings  
and  
blinds solutions  
**Vibrasto**



Vibrasto 03 is made from an outer layer of Aeria laminated to 3 mm thick felt.  
The composite material is stretched on 30 mm L-shaped tracks which lift the Vibrasto away from the substrate.  
The brackets may be mounted on battens to increase the space reserved for the sound absorbing backing.

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Vibrasto 03 used on walls / auditorium BNP Consult, Paris / interior designer Nadine Lainey  
Vibrasto 03 used on walls / meeting room, Chambre de Commerce et d'Industrie, Bordeaux / architects Brochet Lajus Pueyo



## Vibrasto 03 'stretch and anchor' acoustic wall coverings

**Vibrasto 03** is made from an outer layer of **Aeria**\* backed with 3 mm thick felt and may be stretched and anchored into position over walls and ceilings. It is extremely simple to put in place and may be taken down when required. The fabric functions as a second skin, providing a trouble-free, effective means of creating sound absorbing surfaces adapted to a wide range of situations. The interior designer enjoys full scope in creating the desired effect for each individual project, leaving the acoustician free to calculate the appropriate depth of backing required.

### Fire rating

- Vibrasto 03:
  - Europe (SBI Euroclass): B-s1, d0 / USA (ASTM E-84) Class A
- RI Panel 25 mm:
  - Europe (SBI Euroclass): A2-s1, d0
- Melamine foam 25 mm:
  - France M1 non dripping / Germany B1 / UK (BS 476- Part 7) Class 1
- Complete system (Vibrasto 03 + RI Panel):
  - Europe (SBI Euroclass): B-s1, d0

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\*Aeria, our sound transparent fabric, exclusively patented by Texaa®



The outer layer of Aeria fabric overlaps the foam backing and is used to conceal the foam along the outer edges of each panel, providing a perfect finish.

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Vibrasto 20 used on walls / bank central offices (photo Rodolphe Cellier)



## Vibrasto 10 and 20 'stretch and glue' acoustic coverings

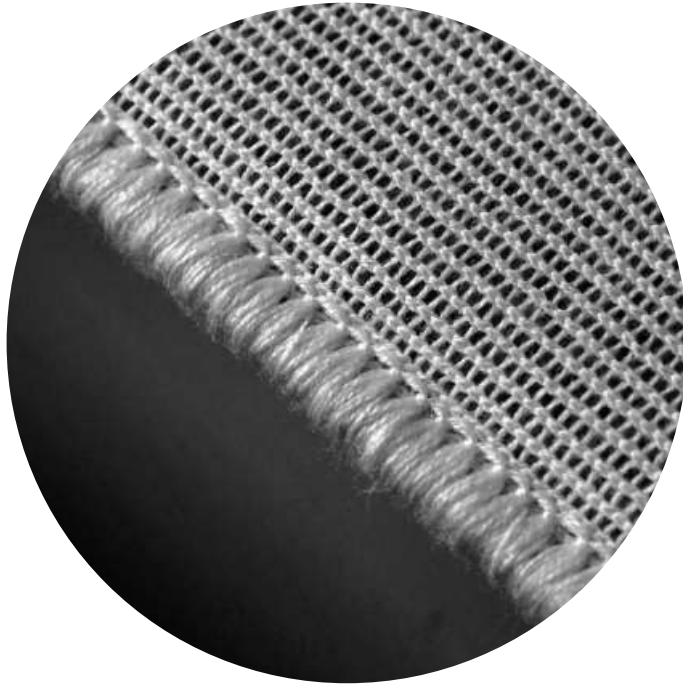
**Vibrasto 10 and 20** Vibrasto10 and 20 are made from an outer layer of **Aeria\*** backed with a 10 or 20 mm layer of foam. They not only offer exceptional sound absorption, but are sufficiently flexible to be fitted round any curve or angle.

**Vibrasto 10 and 20**  
width 1500 mm

**Fire rating**  
Europe: (SBI Euroclass) B-s3, d0.  
France: M1 non dripping  
USA: (ASTM-E84) Class A

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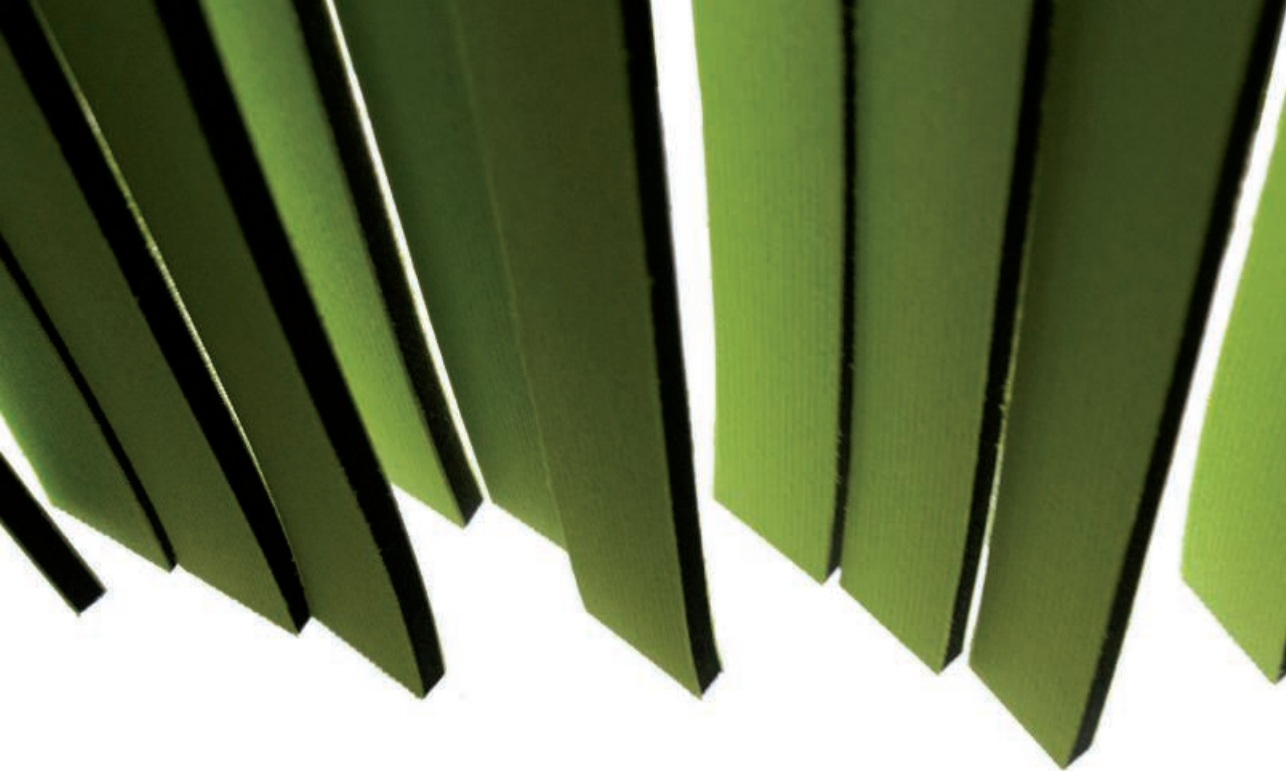
\*Aeria, our sound transparent fabric, exclusively patented by Texaa®



top: Vibrasto blinds in white with overcast edges (detail).

bottom: Vibrasto blinds in the black with free edges (each blade is simply composed of two outer layers of Aeria stuck onto 10 mm thick lengths of acoustic foam).

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The Aeria fabric envelope is produced in square knit to guarantee optimum shape maintenance and is available in the black and white finishes.



## Vibrasto acoustic blinds

When used in front of glazed surfaces, **Vibrasto** blinds absorb sound reflections and filter light. When used in open plan spaces, they enhance the sense of user comfort by creating subtle visual partitions. Their blades consist of a foam core protected on both sides by an acoustic fabric covering and may be adapted to conventional rail systems. They meet with high-level fire safety requirements. There is no equivalent on the market.

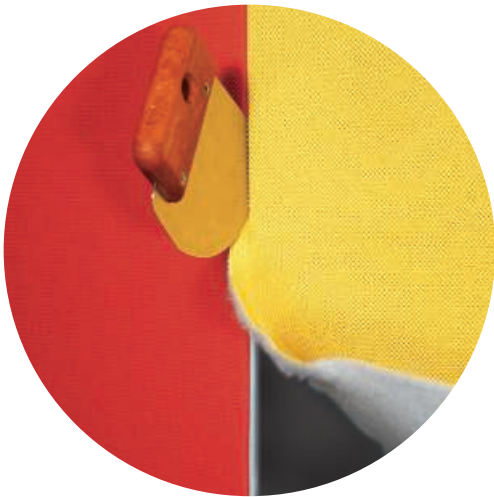
### Blinds

Three finishes

- white with overcast edges,
- black with free edges,
- free-hanging strips (24 colours).

Vibrasto free-hanging strips are available in the 24 creative colours of our Aeria textile range (round knit). The blades are cut lengthways to form three strips of equal width, offering infinite possibilities in effect or colour.

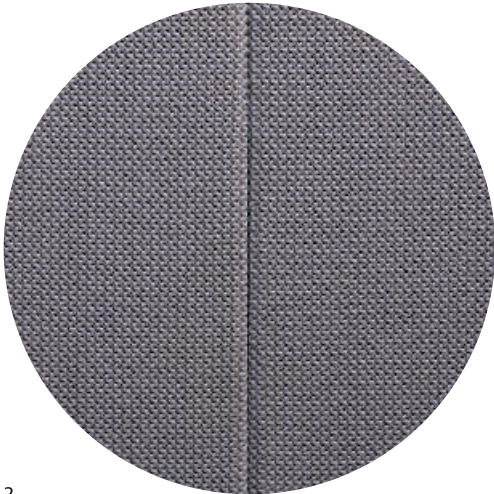
The acoustic foam is sufficiently rigid to make unsightly bottom chains and weights superfluous.



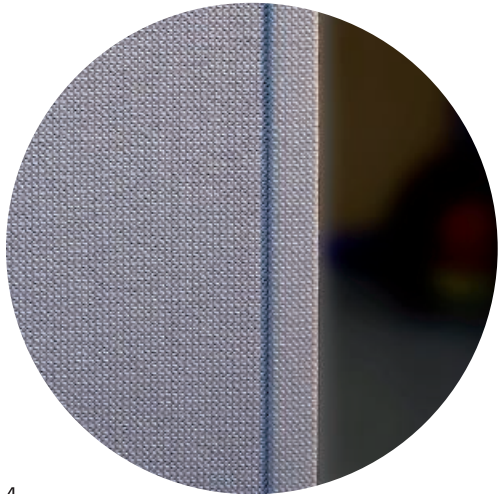
1



3



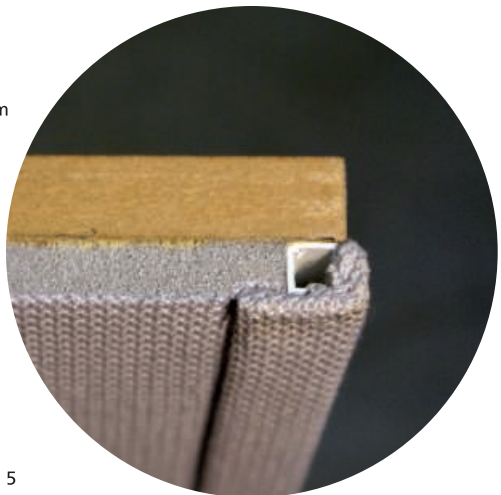
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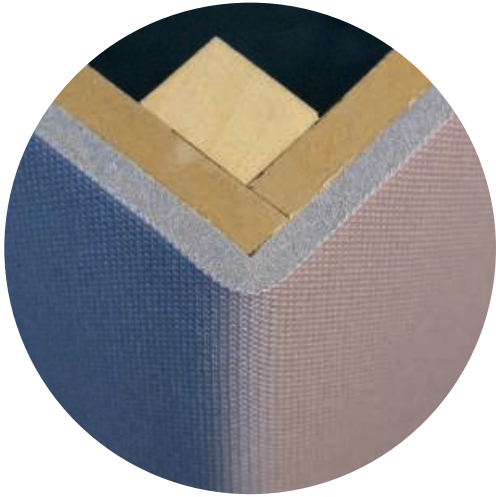
4

**Vibrasto 03 and Vibrasto 10 and 20**

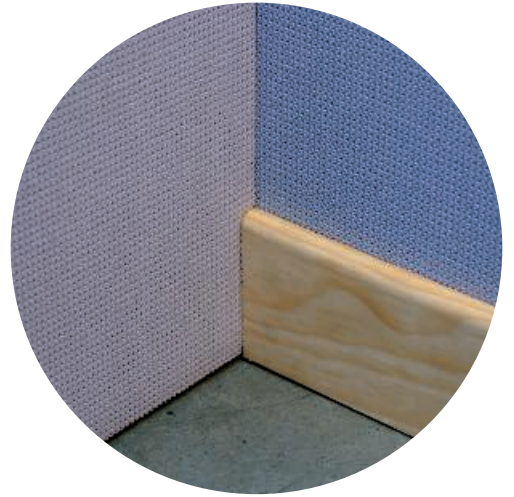
1. Vibrasto 03 is simply stretched into place and the edge slipped into a PVC track with a spatula to fix it into place.
2. Perfection of finish.
3. For Vibrasto 10 and 20, the outer layer of Aeria fabric overlaps the foam backing and is used to conceal the foam along the outer edges of each panel, providing a perfect finish.
- 4 / 5. Covered L-shaped track.
- 6 / 7. Vibrasto 10 and 20 smoothes away angles and shapes them into gentle curves.
9. A skirting positioned at the bottom of a stretch and glue panel of Vibrasto.
10. Close-up of a corner against a door frame.
- 8 / 11. Vibrasto 10 may be simply glued into place against a door frame or batten.



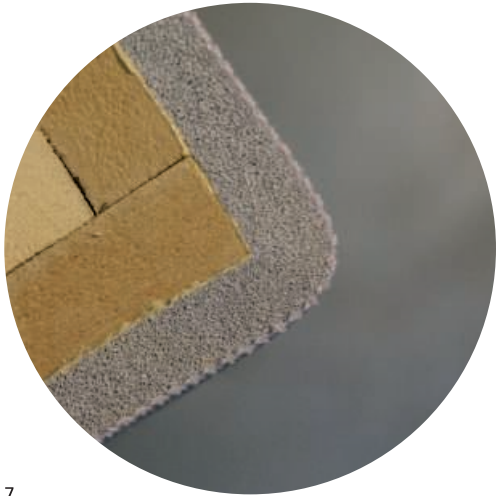
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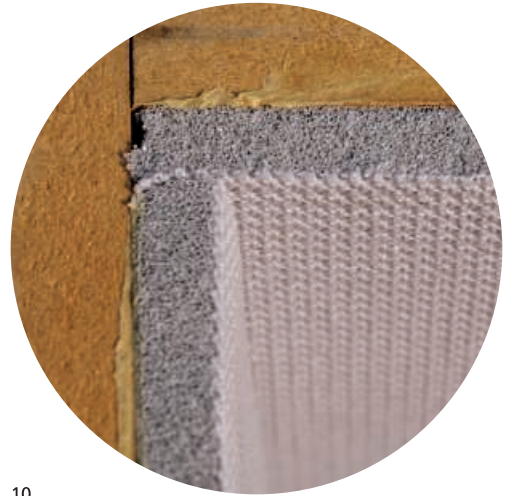
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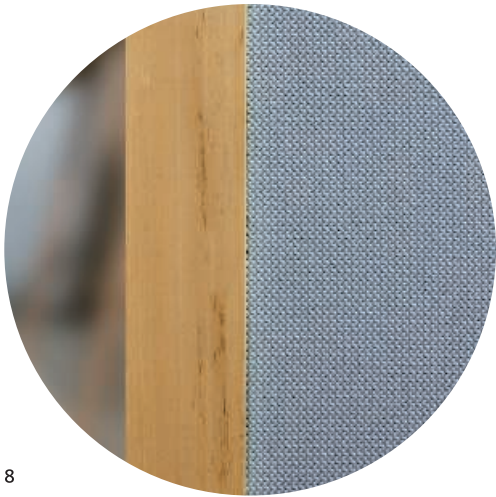
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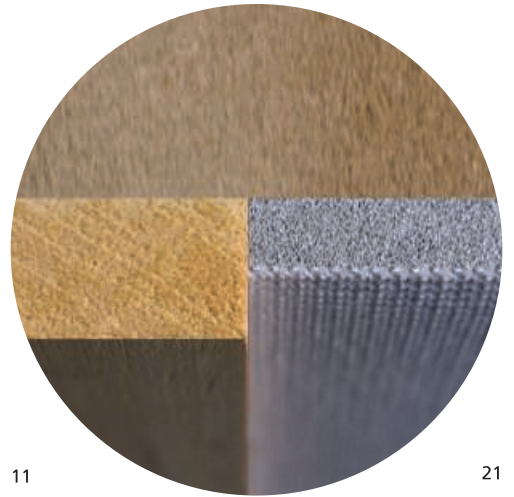
7



10



8



11

21

It is not always possible to solve acoustic problems by installing panels or covering walls or ceilings. For this reason, **Texaa**<sup>®</sup> has developed a range of freestanding or ceiling-hung objects which greatly enhance the user comfort of the spaces in which we live, work and play, from cushions and cubes, to totems, ceiling pads and desk screens.

Our range of lightweight, practical and stain-resistant sound absorbing objects can be moved around freely to meet the demands of impromptu or evolving acoustic situations. They are simple to use, do not require major installation work and can be used as and when required.

**Fire rating:**

**AM foam components**

- France M1 non dripping
- Germany B1

**Aeria**

- Europe (SBI Euroclass) B-s1, d0
- Germany B1 (orientation test)

#3.

**Abso**

acoustic objects  
to live and move  
with



**Discontinued product**



**Discontinued product**



## Abso cushions

**Abso** ceiling-hung cushions provide optimum acoustic comfort and are made of a sound absorbing foam core in a fabric envelope. They have no inner metal skeleton and are thus extremely light, despite being 100 mm thick. They come in a variety of shapes and sizes, from square, rectangular, to round. The freestanding version may be simply positioned as required. Installing the ceiling-hung cushions is child's play.

ceiling-hung cushions  
**Discontinued product**

round diam. 1,250

### Freestanding cushions

The unique steel wire hanging system transforms the **Abso** cushions into elegant, lightweight and infinitely practical sound absorbers.

1,250 x 1,250 x 100 mm

1,250 x 1,800 x 100 mm

round diam. 1,250 x 100 mm



## Abso totems

**Abso** totems not only provide high quality sound comfort, but may also be used to organise open spaces by partitioning off quiet zones. In an instant, they turn rooms with hard floors or ceilings, like entrance halls, corridors, open space offices, meeting rooms or restaurants, into far more pleasant sound environments. They are also inventive decorative features and come in a wide range of inspiringly creative colours.

### Totems

2,000 x 380 x 380 mm  
(including stand, depth: 65mm)



## Abso ceiling pads

Especially designed for standard dropped ceilings using T runners, **Abso** pads clip effortlessly into the steel grid already in place. In just a couple of seconds, they can be slotted underneath the existing ceiling tiles with the help of our ultra-simple, quick fit fixation system.

### Pads

Approx 600 x 600 x 70 mm

designed to fit the majority of existing dropped ceiling grids



## Abso cones, cubes and bricks

These products may be suspended from the ceiling using vertical cable fixings and provide maximum sound absorption while occupying a minimum of ceiling space. They are the perfect solution for environments in which acoustic reverberation proves difficult to resolve. They are a playful and inventive means of structuring open spaces, bringing everyday environments to life and adapting easily to all types of ceilings. **Abso** cubes and bricks may be scattered on the ground and used as comfortable and inviting pouffes.

### Cones

610 x 180 x 60 mm

### Cubes and bricks

small cube: 380 x 380 x 380 mm

large cube: 500 x 500 x 500 mm

brick: 380 x 380 x 760 mm



## Abso desk screens

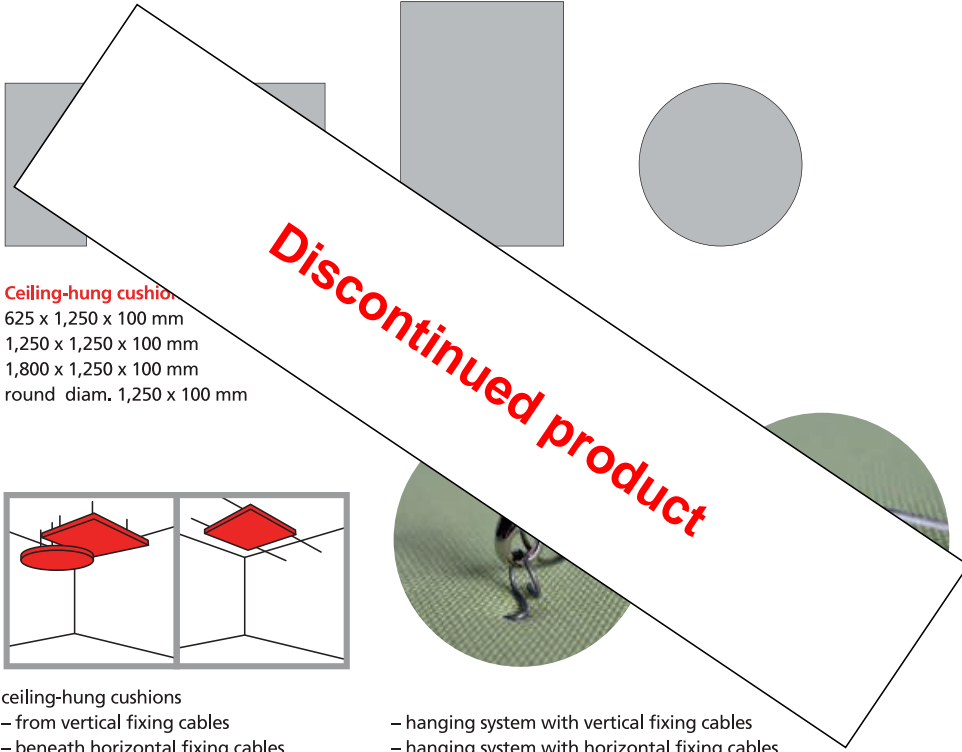
**Abso** desk screens improve the acoustic comfort and privacy of desks and work tables in office environments. They are made of an inner core of sound absorbing foam inside an envelope of **Aeria**. They can be positioned on horizontal surfaces like an open book, or fixed to a central freestanding base made of chrome steel wire (diam. 8 mm).

### Desk screens

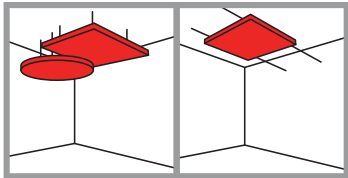
1,180 x 390 x 45 mm

base: 210 x 510 x 160 mm (0.6 kg)

# The Abso range



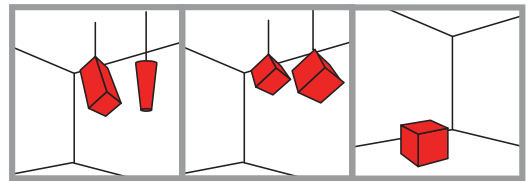
**Ceiling-hung cushion**  
625 x 1,250 x 100 mm  
1,250 x 1,250 x 100 mm  
1,800 x 1,250 x 100 mm  
round diam. 1,250 x 100 mm



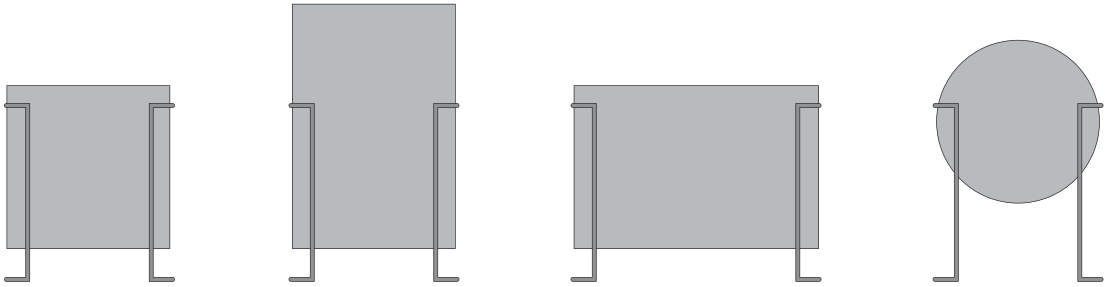
ceiling-hung cushions  
– from vertical fixing cables  
– beneath horizontal fixing cables



– hanging system with vertical fixing cables  
– hanging system with horizontal fixing cables

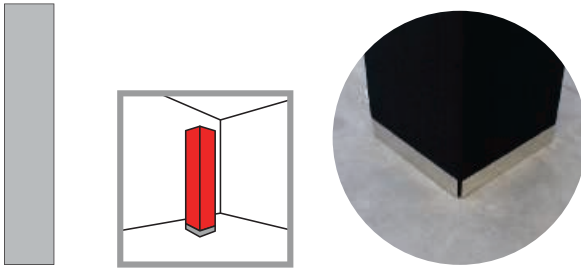


**Cones**  
610 x 180 x 60 mm  
**Cubes and bricks**  
380 x 380 x 380 mm  
500 x 500 x 500 mm  
760 x 380 x 380 mm



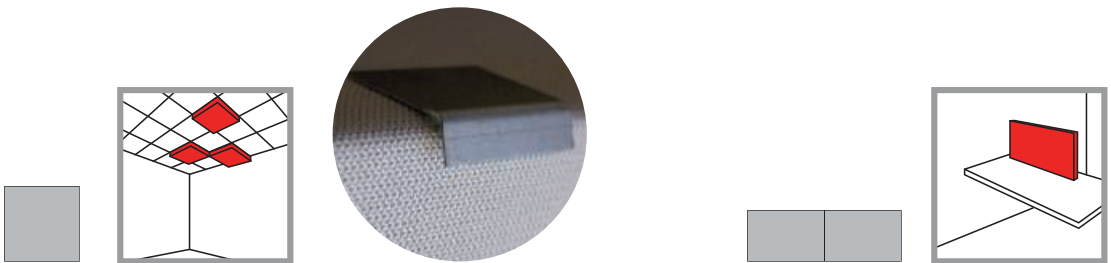
**Cushions on steel wire feet**

1,250 x 1,250 x 100 mm  
 1,800 x 1,250 x 100 mm  
 round diam. 1,250 x 100 mm



**Totems**

2,000 x 380 x 380 mm



**Pads**

approx. 600 x 600 x 70 mm

**Desk screens**

1,180 x 390 x 45 mm

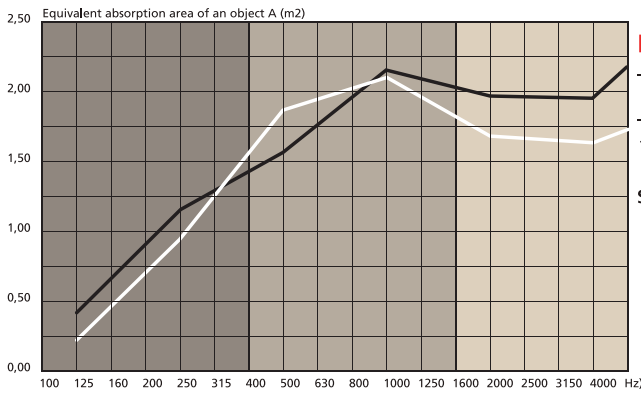


## Acoustics

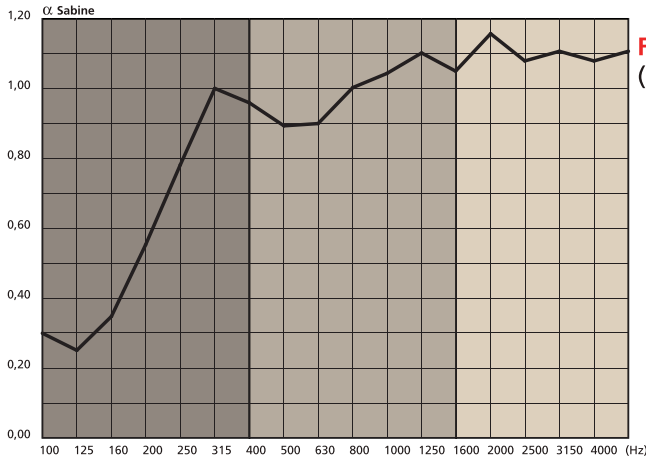
**Texaa®** products absorb sound waves and lower reverberation effects, thereby increasing the clarity of speech and creating a high level of sound comfort in noisy places.

**Texaa®** analyses the acoustic properties of its products in its research laboratories (two reverberation rooms). All our products – panels, fabrics and objects – are tested as per ISO 354 norm.

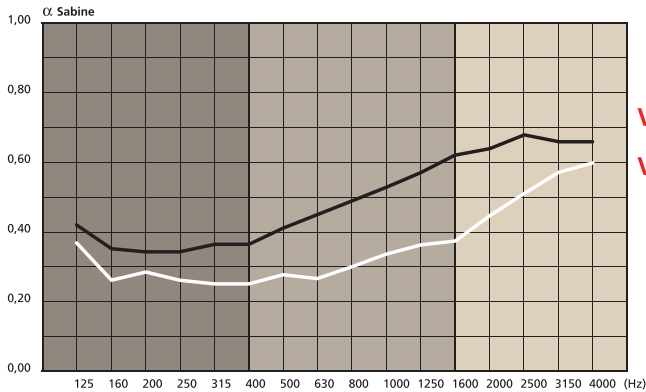
Test reports and full details are available for each product



**For one panel, 1,196 x 1,196 x 50 mm**  
 – suspended 300 mm from the support  
 – screwed or fastened with magnets  
 10 / 20 mm from the support  
 spacing : 1500 mm



**Floating cloud**  
 (open plenum 300 mm)



**Vibrasto 20** glued to a gypsum board  
**Vibrasto 10** glued to a gypsum board

**Acoustics**

For one panel, 1,196 x 1,196 x 50 mm

Equivalent absorption area of an object A (m²)

| Frequencies (Hz)   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 5000 |
|--|------|------|------|------|------|------|------|
| – Suspended 300 mm from the support                            | 0,46 | 1,14 | 1,56 | 2,13 | 1,94 | 1,83 | 2,14 |
| – Screwed or fastened with magnets 10 / 20 mm from the support | 0,21 | 0,87 | 1,84 | 2,09 | 1,69 | 1,61 | 1,73 |

For a floating cloud

| Frequencies (Hz) | $\alpha_w$ | Class | 125  | 250  | 500  | 1000 | 2000 | 4000 |
|------------------|------------|-------|------|------|------|------|------|------|
| Floating cloud   | 1          | A     | 0,26 | 0,77 | 0,88 | 1,04 | 1,15 | 1,08 |

for the Vibrasto glued to a gypsum board

| Frequencies (Hz) | $\alpha_w$ | Class | NRC  | 125  | 250  | 500  | 1000 | 2000 | 4000 |
|------------------|------------|-------|------|------|------|------|------|------|------|
| Vibrasto 20      | 0,50 (H)   | D     | 0,55 | 0,42 | 0,34 | 0,41 | 0,53 | 0,63 | 0,66 |
| Vibrasto 10      | 0,35 (H)   | D     | 0,40 | 0,37 | 0,27 | 0,28 | 0,33 | 0,44 | 0,60 |

Test report available on request – Texaa® Laboratory.

When light fixtures are embedded within a panel the acoustic performance may be reduced – contact us for details.

**Latest design products,  
updates and technical data sheets  
available at  
[www.texaa.com](http://www.texaa.com)**

**Texaa®**

**textiles, acoustics, architecture**

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