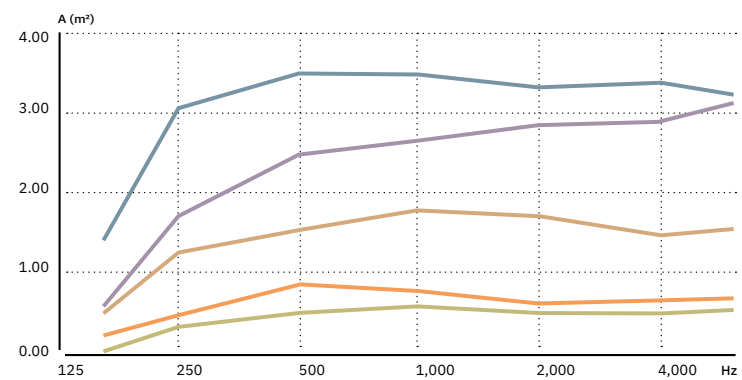


Abso
acoustic objects



The **Abso** range consists of five families of acoustic objects: Cushions, Pads, Totems, Cubes and Cones. Each of them provides a guarantee of highly effective sound absorption in view of the simplicity of the product.

They are light and easy to set up, can be mobile or fixed and can be used in all types of spaces with zero or practically no installation work. Their covers, made of our run-resistant Aeria fabric, make them robust and attractive.



Acoustic performance

- 1,250-mm square Cushion with 1,300-mm spacing and 300 mm from the support
- Flexible Abso Pads positioned on concrete
- 2,000 x 380 x 380-mm Totem
- 500 Cube with 1,500-mm spacing
- 500 Cone with 2,000-mm spacing



PROPORTION OF RECYCLED COMPONENTS (CUSHIONS)



VERY LOW IMPACT ON CLIMATE

See updated environmental data on www.texaa.com



Abso Cubes suspended from the ceiling in the snack bar of Climb Up, an indoor climbing wall near Porte d'Italie in Paris in 2021.

Abso Cushions

Abso Cushions are made of sound-absorbing foam and an Aeria fabric cover stretched over a metal hoop. Their 95-mm thickness makes them very effective.

Abso Cushions are available in round, square and rectangular shapes that can be combined to very pleasing effect in empty spaces and below ceilings.



Round Abso Cushions suspended from the ceiling. Because they are so highly absorbent, just a few are enough to control the acoustics in a room.



Round Abso Cushions suspended from the ceiling in a renovation project that combines legacy features with contemporary ones. Above and opposite, views of the Designheure head offices and showroom in Sète, southern France, in 2021.



A suspended 1800 rectangular Abso Cushion. Cylindrical covers and adjustable latch-eye hooks are provided, making for an easy, effective hanging system. Launay Group real estate developers in Lyon, France, 2021.



Used in numbers, Abso acoustic Cushions play a role in organising this volume, giving it a sequential feel, in the Kappa restaurant in Les Milles, a suburb of Aix-en-Provence in 2018.



Suspended 1800 rectangular Abso Cushions. Their rounded contours give them a soft appearance in space.

Characteristics of Abso Cushions

- COMPOSITION**
- Grey AP cellular foam
 - Powder-coated steel hoop
 - Cover made of sound-transparent Aeria fabric

- ACOUSTIC PERFORMANCE**
- Equivalent absorption area A (m²) at mid-range frequencies
- 1250 square: 2.63 m²
 - 625 rectangle: 1.51 m²
 - 1800 rectangle: 3.65 m²
 - 800 round: 1.09 m²
 - 1000 round: 1.55 m²
 - 1250 round: 2.18 m²

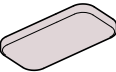
- DURABILITY OF THE AERIA FABRIC COVER**
- Run-resistant
 - 330 g/m²
 - Protection against soiling:
 - Hydro/Oleophobic ≥ 5 (AATCC118 and AATCC193)
 - Electrostatic properties 7.10¹⁰ Ω

(EN 1149-1)

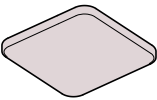
- REACTION TO FIRE CLASSIFICATION**
- European classification :
B-s1, d0 for the Aeria fabric cover
C-s2, d0 for the sound absorber
 - United States – ASTM Class A

- ENVIRONMENTAL CHARACTERISTICS**
- Abso Cushions 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: very low
 - Proportion of recycled components: ≥ 22%
 - All Texaa products qualify for French “A+” health labelling and are classed as “conforming” after assessment using the German AgBB protocol

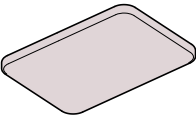
SIZES




625 rectangle
1,250 x 625 x 95 mm




1250 square
1,250 x 1,250 x 95 mm



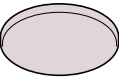
1800 rectangle
1,800 x 1,250 x 95 mm



800 round
800 x 95 mm



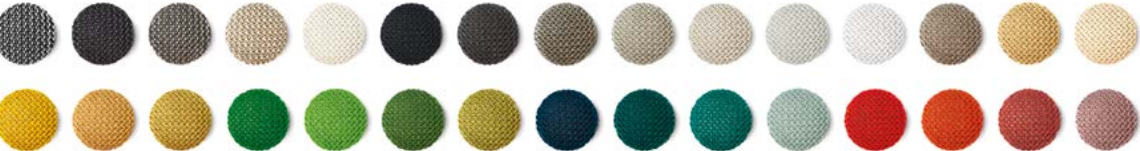
1000 round
1,000 x 95 mm



1250 round
1,250 x 95 mm

COLOURS

Select from the 30 colours in the Aeria palette on page 24. Special colours available on request.



Run-resistant



Fire-resistant



10-year guarantee



Water repellent and dust-proof



For more info, see texaa.com



Abso Cushions consist of sound-absorbing foam and a metal hoop with an Aeria fabric cover. The cover is stretched over the metal hoop, which lends rigidity to the Cushion and provides an attachment point for the cables on which the Cushion is suspended.

Abso Totems

Free-standing Abso Totems create acoustic comfort alongside users. When suspended, their vertical shape creates a feature in space.

Abso Totems are embellishing and very sound-absorbent. They also contribute to organising space by signposting quiet areas. They are instantaneously effective.



Abso Totems are super-light, require no installation and can very easily be moved.
Above: acoustic testing in the Texaa reverberating chamber (see page 175).
Opposite: La Bastide restaurant in Barbotan-Les-Thermes, south-east of Roquefort, 2015.





A Totem standing on the ground in a brushed stainless steel tray. Colour: MR130 (*Chiné naturel*).
Each free-standing Totem is supplied with a brushed stainless steel or powder coated black, grey or white steel tray.



Black powder
coated steel tray



Grey powder
coated steel tray



White powder
coated steel tray



Premises of Launay Group real estate developers in Lyon, France, 2021.

Characteristics of Abso Totems

COMPOSITION

- Grey AP cellular foam
- Cover made of sound-transparent Aeria fabric
- Steel tray or powder coated steel hoop

ACOUSTIC PERFORMANCE

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

- Free-standing Totem: 3.22 m²
- Suspended Totem: 3.55 m²

DURABILITY OF THE AERIA FABRIC COVER

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

REACTION TO FIRE CLASSIFICATION

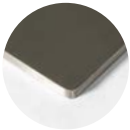
- European classification :
 - B-s1, d0 for the Aeria fabric cover
 - C-s2, d0 for the sound absorber
- United States – ASTM Class A

CLEANING

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

STEEL TRAY

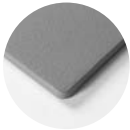
Select from the 4 finishes below:



Brushed stainless steel



Powder coated white



Powder coated grey



Powder coated black

COLOURS

Select from the 30 colours in the Aeria palette. Special colours available on request.



ENVIRONMENTAL CHARACTERISTICS

- Abso objects meet the requirements specified in the HQE, LEED and BREEAM (2 points) reference documents and methods, based on:
 - their acoustic contribution
 - their very low emissions of VOC and formaldehyde
- Proportion of recycled components: $\geq 20\%$
- All Texaa products qualify for French “A+” health labelling and are classed as “conforming” after assessment using the German AgBB protocol

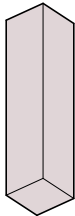
GUARANTEE

10 years

FITTING

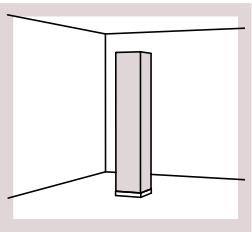
- Free-standing: each Totem is supplied with a brushed stainless steel or powder coated black, grey or white steel tray.
- Suspended: each Totem is suspended using a powder coated steel hoop and galvanised steel cables, 1 mm in diameter and 1,000 mm long, with cylindrical covers and adjustable latch-eye hooks.

SIZE

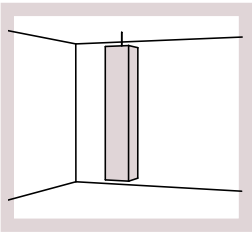


2,000 x 380 x 380 mm

INSTALLATION SYSTEMS



Free-standing



Suspended



Run-resistant



Fire-resistant



10-year guarantee



Water repellent and dust-proof



For more info, see texaa.com



The zipper makes it possible to remove the cover easily from the Totem and machine-wash it.

Abso Cubes and Cones

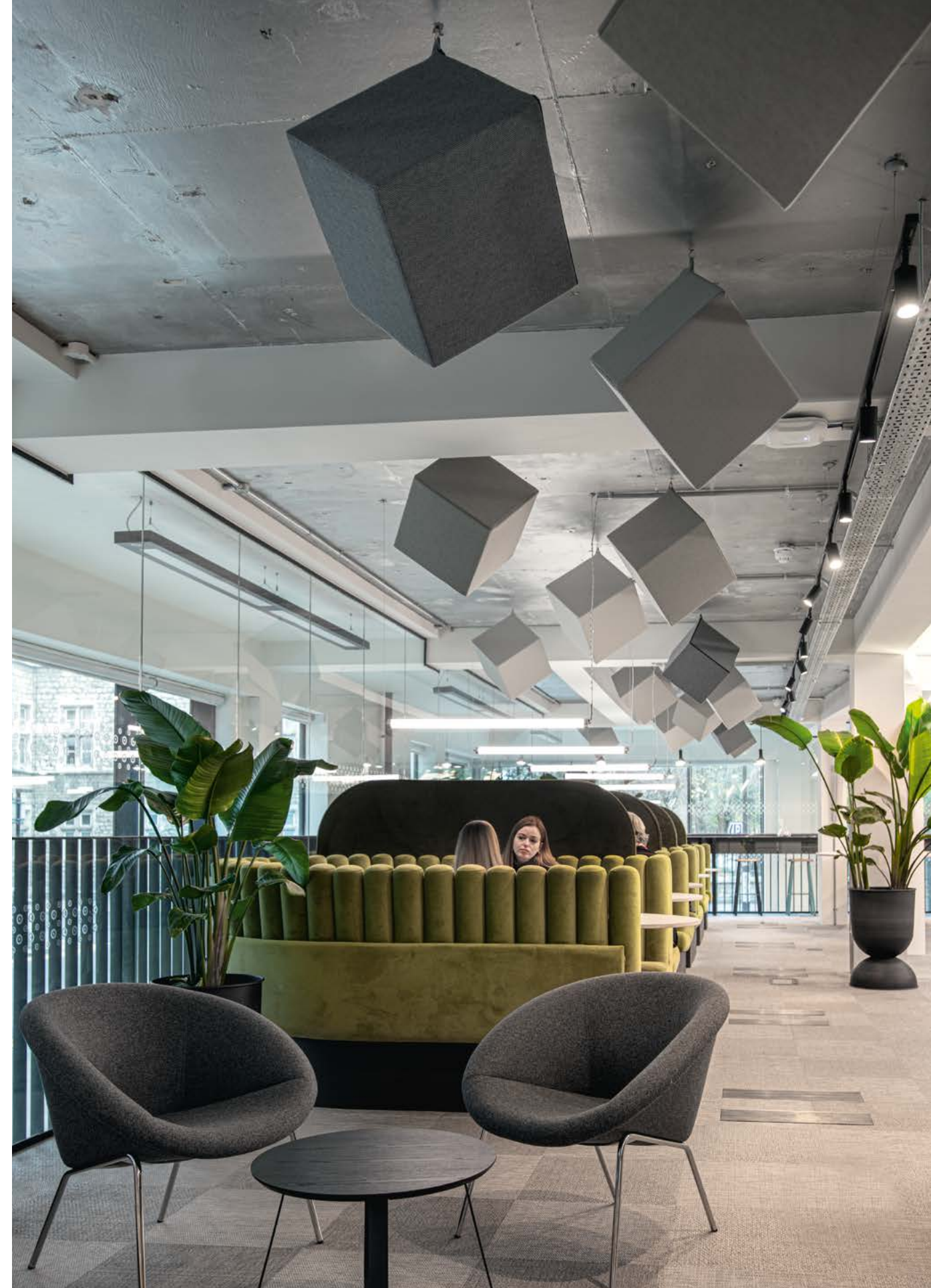
Abso Cubes and Cones are much lighter than they appear and are easily positioned in a volume. Their pure shape can be used to devise free combinations that are highly sound-absorbent.

They can be suspended on a single cable. Cones are hung vertically, while Cubes can be installed diagonally or horizontally.

Abso Cubes and Cones are a fun way to add structure to spaces, either with a precise layout or grouped in bouquets. They add interest to volumes and suit all types of ceilings. They meet the requirements of situations where reverberation is sometimes tricky to reduce.



Above: Cubes and Cones suspended from the ceiling in the Les Mureaux media centre, north-west of Paris. Architect: Karine Millet, 2009. Opposite page: MullenLowe Group premises in London. Architect: Leila Dunning, 2021.



In large volumes and when there is no wall area available, Abso Cubes suspended from the ceiling are a good solution. Climb Up, an indoor climbing wall near Porte d'Italie in Paris in 2021.





In atriums, Abso Cones regulate the acoustics while creating sequences in the volume, as seen here in Paris's Palais de l'Alma. Architects: Goutal Architecture et Patrimoine, 2021.

Characteristics of Abso Cubes and Cones

COMPOSITION

- Grey AP cellular foam
- Cover made of sound-transparent Aeria fabric

ACOUSTIC PERFORMANCE

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

- 500 Cone: 0.55 m²
- 380 Cube: 1.00 m²
- 500 Cube: 1.65 m²
- 750 Cube: 3.82 m²

DURABILITY OF THE AERIA FABRIC COVER

- Run-resistant
- 330 g/m²
- Protection against soiling:
 - Hydro/Oleophobic ≥ 5 (AATCC118 and AATCC193)
 - Electrostatic properties 7.10¹⁰ Ω (EN 1149-1)

SIZES




380 Cube
380 x 380 x 380 mm



500 Cube
500 x 500 x 500 mm



750 Cube
750 x 750 x 750 mm



500 Cone
500 x 290 / 165 mm

COLOURS

Select from the 30 colours in the Aeria palette. Special colours available on request.



REACTION TO FIRE CLASSIFICATION

European classification :
B-s1, d0 for the Aeria fabric cover
C-s2, d0 for the sound absorber
United States – ASTM Class A

CLEANING

Vacuum cleaning, may be taken apart and refitted, removable covers, machine washable (except 500 Cone).

ENVIRONMENTAL CHARACTERISTICS

- Abso objects meet the requirements specified in the HQE, LEED and BREEAM (2 points) reference documents and methods, based on:
 - their acoustic contribution
 - 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

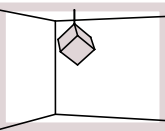
FITTING

- Cones: each Cone is suspended on a ring and galvanised steel cables, 1 mm in diameter and 1,000 mm long, with cylindrical covers and adjustable latch-eye hooks.
- Cubes suspended by one corner: Cubes are suspended diagonally with a textile loop attached to a galvanised steel cable, 1 mm in diameter and 1,000 mm long, with cylindrical covers and adjustable latch-eye hooks.
- Cubes suspended horizontally: Cubes are suspended upright with a powder coated steel hoop and galvanised steel cables, 1 mm in diameter and 1,000 mm long, with cylindrical covers and adjustable latch-eye hooks.

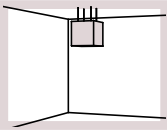
GUARANTEE

10 years

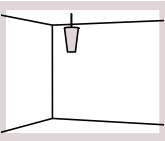
INSTALLATION SYSTEM



Cube suspended diagonally



Cube suspended horizontally



Cone suspended on a cable



Run-resistant



Fire-resistant



10-year guarantee



Water repellent and dust-proof



For more info, see texaa.com



Covers are applied to Abso objects by hand to ensure that they are fitted perfectly, and the seams are properly aligned.

Abso Pads

Abso Pads are specially designed for standard dropped ceilings with “T” runners. They are clipped into the grid to create quiet areas below them, for example above workstations.

Abso Pads are an addition to a traditional modular ceiling and have a flat or bevelled shape, which can be used to create interest in a space, in line with the existing joins in the ceiling or with symmetrical or inverted patterns, etc.



Abso Pads are easy to install by inserting them into the frames of modular ceilings.



Abso Pads are available in the 30 colours of the Aeria colour palette and contribute to the interest of a space, here in the Crédit Agricole Creativity and Learning Hub of emlyon business school in Écully, a western suburb of Lyon, in 2017.

Characteristics of Abso Pads

- COMPOSITION**
- Grey AP cellular foam
 - Cover made of sound-transparent Aeria fabric
 - Steel part enabling installation

ACOUSTIC PERFORMANCE

Equivalent absorption area A (m²) at mid-range frequencies: 0.76 m² (Absorption coefficient $\alpha_w = 1$ for Pads installed in clusters.)

- DURABILITY OF THE AERIA FABRIC COVER**
- Run-resistant
 - 330 g/m²
 - Protection against soiling:
 - Hydro/Oleophobic ≥ 5 (AATCC118 and AATCC193)
 - Electrostatic properties $7.10^{10} \Omega$ (EN 1149-1)

SIZES



576 Pad (83 mm thick)
For voids of 576 x 576 mm in T24 600 x 600 grids.

585 Pad (70 mm thick)
For voids of 585 x 585 mm in T15 600 x 600 and T24 610 x 610 grids.

601 Pad (70 mm thick)
For voids of 601 x 601 mm in T24 625 x 625 grids.



576 slanted Pad (50 to 116 mm thick)
For voids of 576 x 576 mm in T24 600 x 600 grids.

COLOURS

Select from the 30 colours in the Aeria palette. Special colours available on request.



- REACTION TO FIRE CLASSIFICATION**
- European classification :
B-s1, d0 for the Aeria fabric cover
C-s2, d0 for the sound absorber
 - United States – ASTM Class A

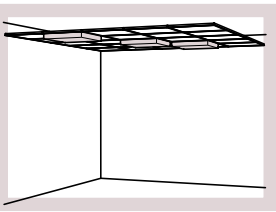
- ENVIRONMENTAL CHARACTERISTICS**
- Abso objects meet the requirements specified in the HQE, LEED and BREEAM (2 points) reference documents and methods, based on:
 - their acoustic contribution
 - their very low emissions of VOC and formaldehyde
 - All Texaa products qualify for French “A+” health labelling and are classed as “conforming” after assessment using the German AgBB protocol.

- GUARANTEE**
- 10 years
- FITTING**
- Abso Ceiling Pads are inserted within the “T”-runners of the dropped ceiling grid.

CLEANING

Vacuum cleaning, may be taken apart and refitted.

INSTALLATION SYSTEM



Inserted in a dropped ceiling.



Run-resistant



Fire-resistant



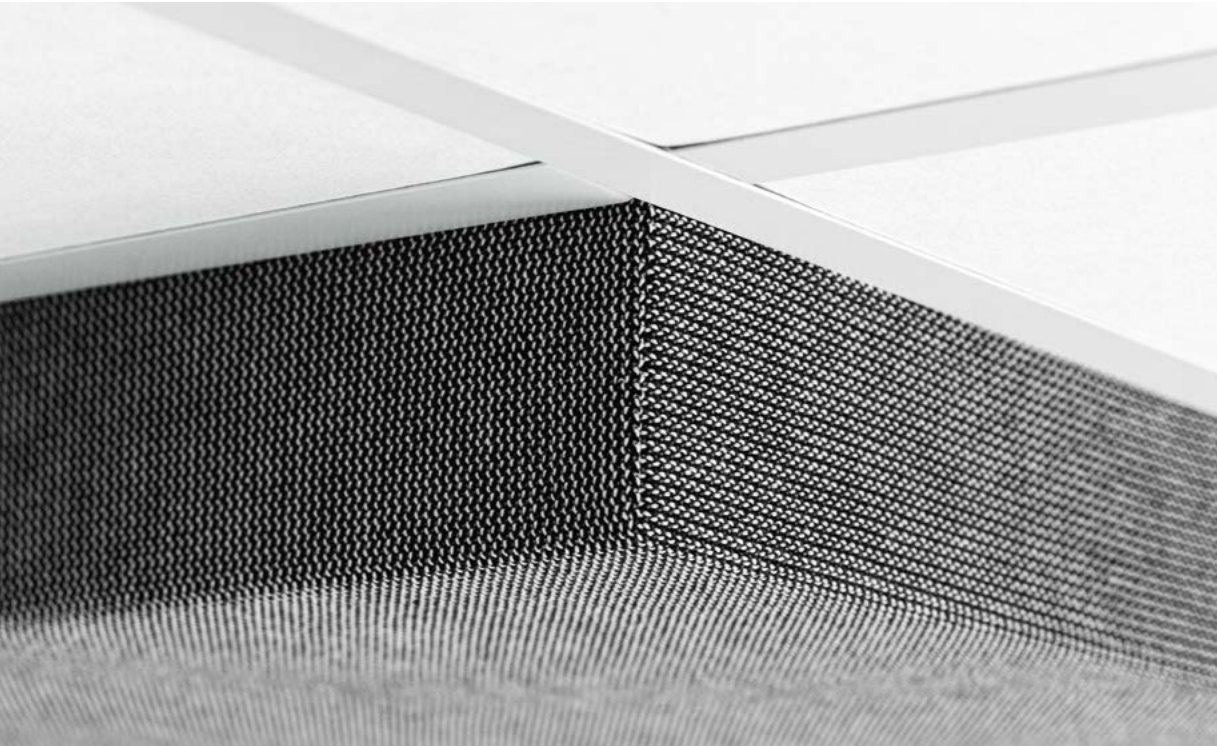
10-year guarantee



Water repellent and dust-proof



For more info, see texaa.com



Abso Pads fit perfectly in dropped ceilings.



With Abso slanted Pads a vast range of shapes can be created that can be changed over time.

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



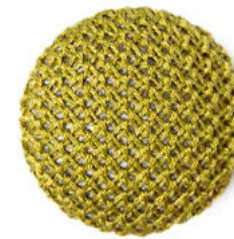
Fougère MR650



Prairie MR480



Vert cactus MR550



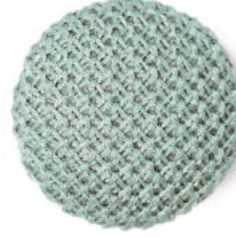
Lichen MR660



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.

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solutions with **texaa.com**

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