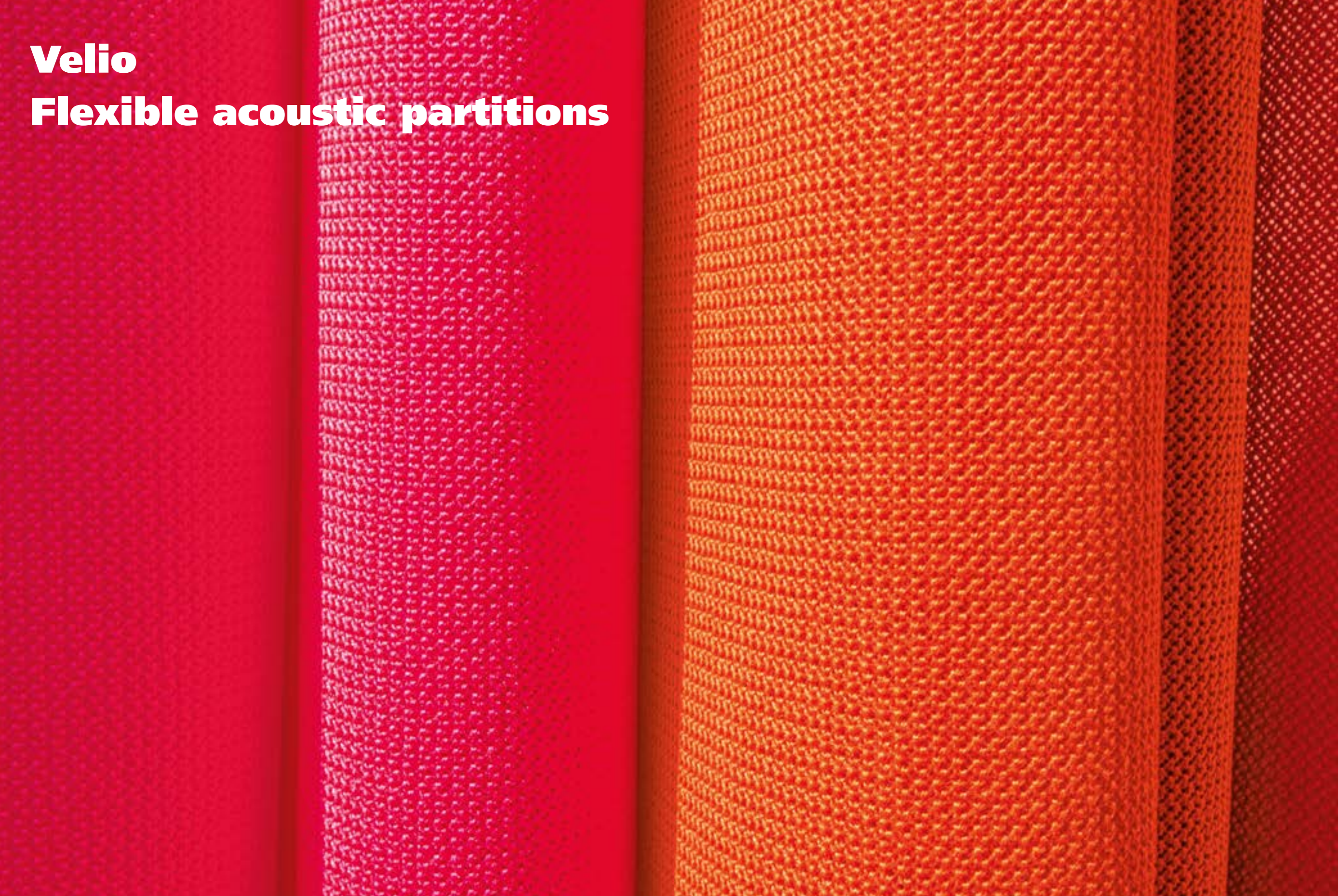


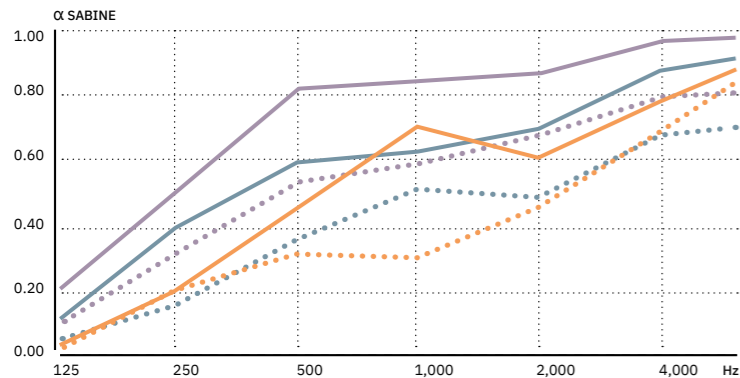
Velio
Flexible acoustic partitions



Whether drawn or not, **Texaa's flexible partitions** are instantly ready to adapt to changing needs.

Their lovely floating shapes contribute to the visible reorganisation of spaces, while providing them with acoustic and thermal comfort.

Their respective characteristics meet a wide range of architectural specifications. Covered with the same fabric and made to measure, these different curtains and blinds can be easily combined or assembled together.



Acoustic performance

Performance of slatted blinds and acoustic curtains positioned 100 mm from the vertical surface.

- Sound-absorbing acoustic curtains with fullness of 1
- Sound-absorbing acoustic curtains with fullness of 2
- Soundproofing acoustic curtains with fullness of 1
- Soundproofing acoustic curtains with fullness of 2
- Blinds with slats open at 90°
- Blinds with slats closed at 180°

≥ 37% PROPORTION OF RECYCLED COMPONENTS (BLINDS)

See updated environmental data on www.texaa.com

Velio acoustic curtains. Limited series colour: MR760 (Vert kiwi).
The Greater Angoulême Alpha media centre in southwestern France.
Loci Anima architects, 2015.





Texaa's soundproofing acoustic curtains are available in the 30 colours of the range. They are a flexible solution for partitioning large spaces. Shared workspaces at the Crown Estate, Bessborough Street in London. Architects: Stiff & Trevillion, 2021.



Texaa's sound-absorbing curtains are used to improve the acoustics of rooms.
The Higher National Conservatory of Music and Dance in Paris in 2021.
Architect: ©Christian de Portzamparc.



Velio sound-absorbing acoustic curtains in a teaching room in the Higher National Conservatory of Music and Dance in Paris in 2021.
Architect: ©Christian de Portzamparc.



Velio soundproofing acoustic curtains in an autism centre in Aubervilliers, northeast of Paris.
Anne-Sophie Brychcy Architects, 2023.



Velio soundproofing acoustic curtains used to delimit a corridor in an open space office area in the customer relations centre of Société Générale bank in Marseille in 2023.
Architect: Lucie Petitjean of LCR. Acoustic engineering: Gamba.



Velio soundproofing acoustic curtains between a corridor and a worktable in the head offices of William Grant & Sons in UK. ESA Architecture, 2021.



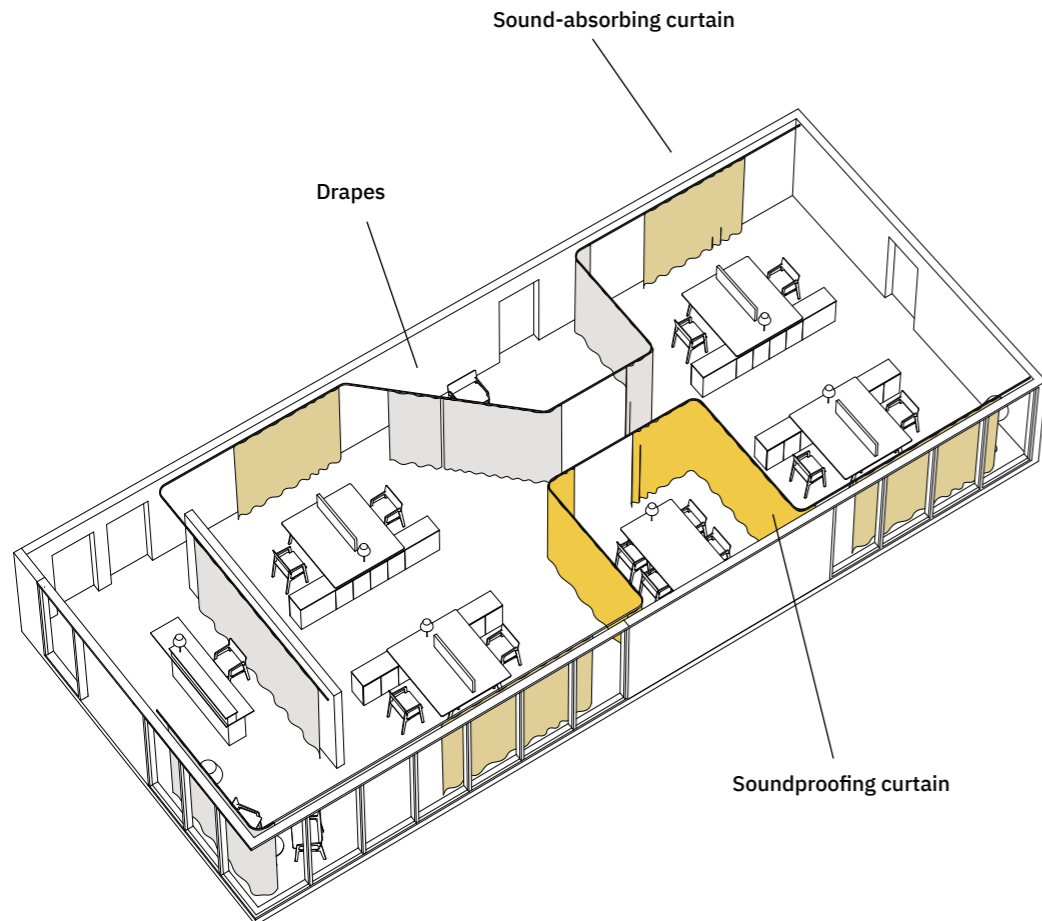
Texaa sound-absorbing and soundproofing curtains are covered with run-resistant Aeria fabric. Head offices of William Grant & Sons in UK. ESA Architecture, 2021.



Velio soundproofing acoustic curtains used to reduce the disturbance of a meeting held in a workspace at Groupe Intelligible in Lyon in 2023.

Texaa drapes are used to mark boundaries of spaces without closing them off completely. They are entirely made from recycled materials. The new Maille Ronde Élargie (MRE) stitch is run-resistant and twice as open as our usual stitch.

It lets light through while still effectively concealing what is behind it, thanks to its distinctive grain. So, in open spaces drapes can be used to mark boundaries between areas with a very light installation, and yet they can induce a sense of privacy.



In open spaces, drapes can be used to mark boundaries between areas with a very light installation, and yet they can induce a sense of privacy. Lyon, coworking, Wild architecture, 2020.



Our patented process for knitting the Aeria Maille Ronde Élargie (MRE) stitch makes our drapes run-resistant and therefore well-suited for heavy use applications.



Texaa drapes are available in three colours: MRE980 (Granit), MRE640 (Nacre) and MRE680 (Taupe).



The Aeria Maille Ronde Élargie (MRE) stitch is entirely made from recycled materials.



The Aeria Maille Ronde Élargie (MRE) stitch knitted in Texaa's workshop is especially designed to let light pass through while establishing a sense of privacy.



Velio acoustic blinds suspended from the ceiling. The degree of visibility between the two spaces is regulated by turning the slats, which also improve the acoustics of the premises. The reception hall of La MÉCA, a property owned by the New Aquitaine regional authority, designed by BIG (Bjarke Ingels Group) in Copenhagen in collaboration with Freaks in Paris. Interior design: Angelika Bauer and Laurent Agut of Xavier Roy Design Studio and la/projects. Bordeaux, 2023.



Acoustic blinds in front of glazing. The Centre for Creation and Innovation (MaCI) of the University of Grenoble Alpes in Saint-Martin-d'Hères, east of Grenoble. Architects: Jacques Ripault Architecture, 2019.



Velio acoustic blinds suspended from the ceiling between two areas in La MÉCA, a property owned by the New Aquitaine regional authority, designed by BIG (Bjarke Ingels Group) in Copenhagen in collaboration with Freaks in Paris. Interior design: Angelika Bauer and Laurent Agut of Xavier Roy Design Studio and la/projects. Bordeaux, 2023.



Texaa acoustic blinds are made of 3-mm-thick black felt covered on both sides with our sound-transparent fabric Aeria. This unique product cuts out light and has thermal and acoustic properties. Recording studios of French Christian radio station (RCF) in Annecy in southeastern France in 2021.



Velio acoustic blinds suspended from the ceiling to visually partition work areas while also improving the acoustics. Offices of PRO BTP insurance company in Montreuil, east of Paris, in 2022.



Offices of PRO BTP insurance company in Montreuil, east of Paris in 2022.



Acoustic blinds installed as a visual partition against glazing in Chabanne Architects offices in Lyon in 2015.

Technical and modular

Velio flexible solutions are covered with Aeria fabric, which makes them robust and uniform in appearance. They have different technical components, which give them their own unique qualities.

They are made to measure and by request in Texaa's workshop, and can be combined and assembled together. These solutions are light and easy to install for qualified installation professionals.

HOW THEY ARE MADE

Flexible partitions owe their specific qualities to the materials used to make them.



Soundproofing acoustic curtains contains six layers of microporous film and are used to partition spaces in a very flexible way.



Sound-absorbing acoustic curtains are made of two sheets of absorbent wadding. They are especially useful to manage acoustic reverberation in front of glazing or reverberating partitions, as well as regulating light.



Texaa drapes are used to mark the boundaries of spaces without closing them completely. This wider, more open stitch knitted in our workshop has been specially designed to let light through while producing a sense of privacy.



Acoustic blinds made of absorbent felt with Aeria laminated to both sides, are used to improve acoustics in front of glazing or to enable spaces to be partitioned.

Short supply chains and maximum durability



Manufactured in France



Craftsmanship



Guaranteed 10 years

HOW THEY ARE INSTALLED



Curtains are hung from rails with rollers for easy drawing.



For more static applications, curtains can also be fitted with eyelets (40 mm in diameter).



Curtains can be assembled together using zip fasteners, which are included in the side hems. In this way the curtains can be adapted to a wide range of dimensions.



Blinds slats are simply clipped to the runners on the headrail. The cut-out on the hanger plates, an exclusive Texaa patent, locates the top of each slat very closely to the headrail, thereby maximising light occlusion.

CLEANING AND REUSE



The Aeria fabric which covers Velio curtains and blinds, is run-resistant and easily cleaned (see pages 18 to 25). Regular vacuum cleaning is enough for it to remain fresh and bright.



The absorbent felt used to make our blinds is manufactured in France, using materials 90% of which are recycled.

DB SOUNDPROOFING ACOUSTIC CURTAINS



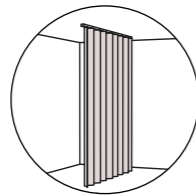
- Two thicknesses of 3-mm black felt wadding
- Both sides covered with sound-transparent Aeria fabric
- 6 sound-damping core layers (each 0.42 mm thick)



Absorption coefficient α_w

- Curtain with fullness of 1 i.e. flat: $\alpha_w = 0.55$ (H), NRC = 0.55, class D
- Curtain with fullness of 2 i.e. with pleats: $\alpha_w = 0.75$ (H), NRC = 0.75, class C

Sound reduction index: $R_w = 10$ dB



Hung from a rail



B-s1,d0



Run-resistant knit, 330 g/m², antistatic



HQE, LEED and BREEAM (2 points)



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

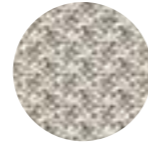


French "A+" interior air quality AgBB compliant

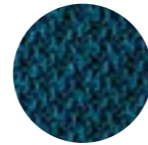


- Dual colour option

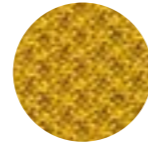
Grain de riz stitch options



Maille Grain de Riz Ciment MGR700

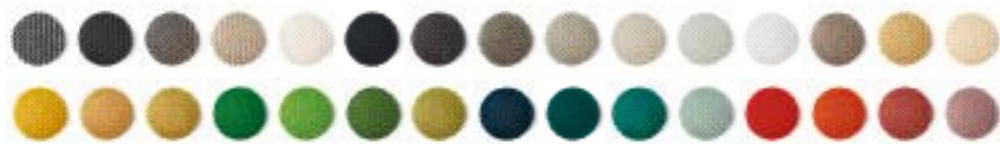


Maille Grain de Riz Bleu pacifique MGR530



Maille Grain de Riz Moutarde MGR580

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

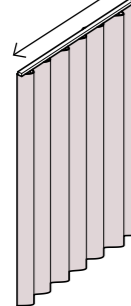


1,500 mm



For a curtain 1,500 mm wide, the fullness is 1.

1,500 mm



For a curtain 3,000 mm wide, the fullness is 2.

Fullness describes the amount of pleating of a curtain. The greater the fullness, the more the curtain is pleated. Fullness of 1 is that of a curtain with no pleats. For example, a curtain 3 metres wide hung on a rail 1.5 metres long, has a fullness of 2. A curtain's fullness determines how much sound it absorbs.

ALPHA SOUND-ABSORBING ACOUSTIC CURTAINS

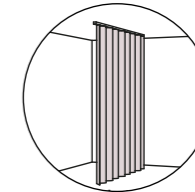


- Two 3-mm thicknesses of black felt wadding
- Both sides covered with sound-transparent Aeria fabric



Absorption coefficient α_w

- Curtain with fullness of 1 i.e. flat: $\alpha_w = 0.40$ (H), NRC = 0.40, class D
- Curtain with fullness of 2 i.e. with pleats: $\alpha_w = 0.65$ (H), NRC = 0.60, class C



Hung from a rail



B-s2,d0



Run-resistant knit, 330 g/m², antistatic



HQE, LEED and BREEAM (2 points)



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

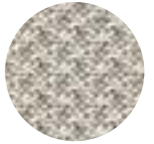


French "A+" interior air quality AgBB compliant

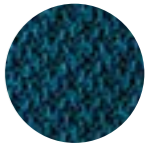


- Option of curtain covered on one side only
- Dual colour option

Grain de riz stitch options



Maille Grain de Riz Ciment MGR700

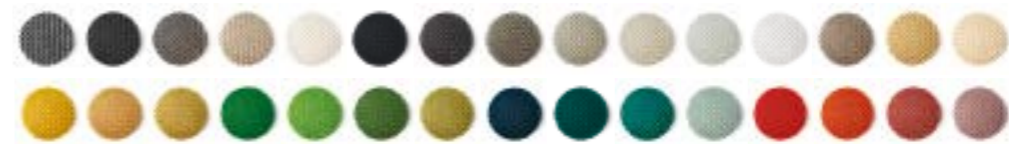


Maille Grain de Riz Bleu pacifique MGR530



Maille Grain de Riz Moutarde MGR580

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

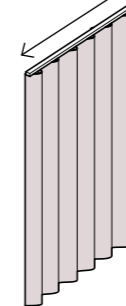


1,500 mm



For a curtain 1,500 mm wide, the fullness is 1.

1,500 mm



For a curtain 3,000 mm wide, the fullness is 2.

Fullness describes the amount of pleating of a curtain. The greater the fullness, the more the curtain is pleated. Fullness of 1 is that of a curtain with no pleats. For example, a curtain 3 metres wide hung on a rail 1.5 metres long, has a fullness of 2. A curtain's fullness determines how much sound it absorbs.

DRAPES



Aeria Maille Ronde Élargie stitch (MRE)



C-s2,d0



Run-resistant knit, 370 g/m², antistatic



French "A+" interior air quality AgBB compliant



HQE, LEED and BREEAM (2 points)



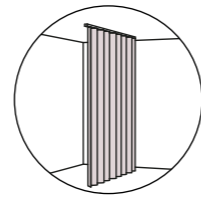
Also available with Maille Ronde stitch in 30 colours



100% recycled components



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



Hung from a rail

Finish options

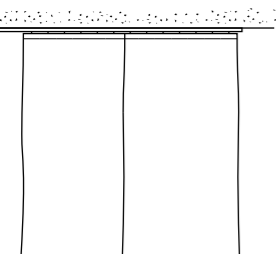


Hem



Raw edge

Select from the 3 colours in the Aeria Maille Ronde Élargie (MRE) palette: MRE980 (Granit), MRE640 (Nacre) or MRE680 (Taupe). Special colours available on request.



20% light transmission for dark colours, e.g. MRE980 (Granit) – in-house measurement

40% light transmission for light colours, e.g. MRE640 (Nacre) – in-house measurement

ACOUSTIC BLINDS



- 3-mm black felt wadding
- A black powder-coated metal hanging plate inserted in a hem
- Sound-transparent Aeria fabric on both sides



- Absorption coefficient
- Slats open at 90° $\alpha_w = 0.40$ (H), NRC = 0.30, class D
 - Slats closed at 180° $\alpha_w = 0.45$ (MH), NRC = 0.50, class D



Run-resistant knit, 330 g/m², antistatic



Complete product: C-s2,d0



37% recycled components



French "A+" interior air quality AgBB compliant



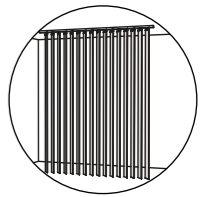
HQE, LEED and BREEAM (2 points)



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



Slat width: 133 mm
Slat thickness: 5 mm
Slat height: up to 3 metres
Slat weight: 0.2 kg per linear metre (approx.)

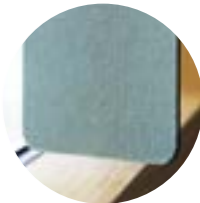


Hung from a rail

Finish options

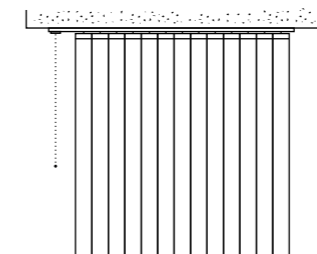


Straight bottom edge



Rounded bottom edge

Select from 27 colours in the Aeria palette on pages 28 & 29. Special colours available on request.



Slats turned to 180° (closed)

Cuts out **96%** of visible light (380-800 nm)
Absorption > 95 / Reflection 3 / Transmission < 2

Reflects **37%** of the sun's warmth (280-2,500 nm)
Absorption > 74 / Reflection 24 / Transmission < 2

Aeria colour palette



Granit GMR980



Nacre GMR640



Granit MR980



Nacre MR640



Ivoire MR940



Moutarde MR580



Cumin MR920



Vert beige MR670



Chiné graphique MR140



Chiné noir MR150



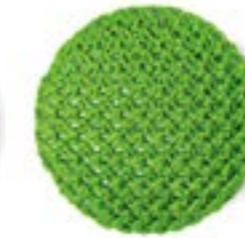
Chiné brun MR120



Chiné naturel MR130



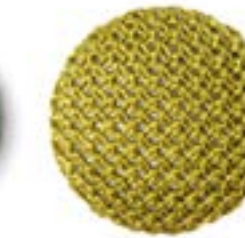
Fougère MR650



Prairie MR480



Vert cactus MR550



Lichen MR660



Graphite MR520



Gris pierre MR350



Quartz MR300



Silex MR950



Océan MR340



Bleu étang MR360



Bleu menthe MR370



Bleu nocturne MR310



Taupe MR680



Beige MR930



Ciment MR700



Craie MR630



Rouge MR470



Brique MR620



Rose rubis MR320



Vieux rose MR330

Special colours are available on request.
GMR (Grande Maille Ronde) 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, 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.

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.

UNITED KINGDOM

Becket House
1 Lambeth Palace Road
London SE1 7EU
+44 (0) 20 7092 3435
contact@texaa.co.uk
www.texaa.co.uk

FRANCE

43, allée Mégevie
33174 Gradignan
+33 (0) 5 56 75 71 56
contact@texaa.fr
www.texaa.fr

DEUTSCHLAND

Walter-Kolb-Straße 9-11
60594 Frankfurt am Main
+49 (0) 69 962 17 63 16
kontakt@texaa.de
www.texaa.de