

Vibrasto acoustic cladding



Texaa®

Vibrasto is one of Texaa's emblematic products. It is a flexible acoustic cladding that can be stretch-fitted to walls, ceilings or furniture.

Three thicknesses are available to provide the right level of performance for each project.

The quality of its assembly and its Aeria fabric cover make it robust and easy to clean.

Its flexibility and adaptability provides great scope for creativity.



RUN-RESISTANT



WATER REPELLENT AND DUST-PROOF




FIRE-RESISTANT



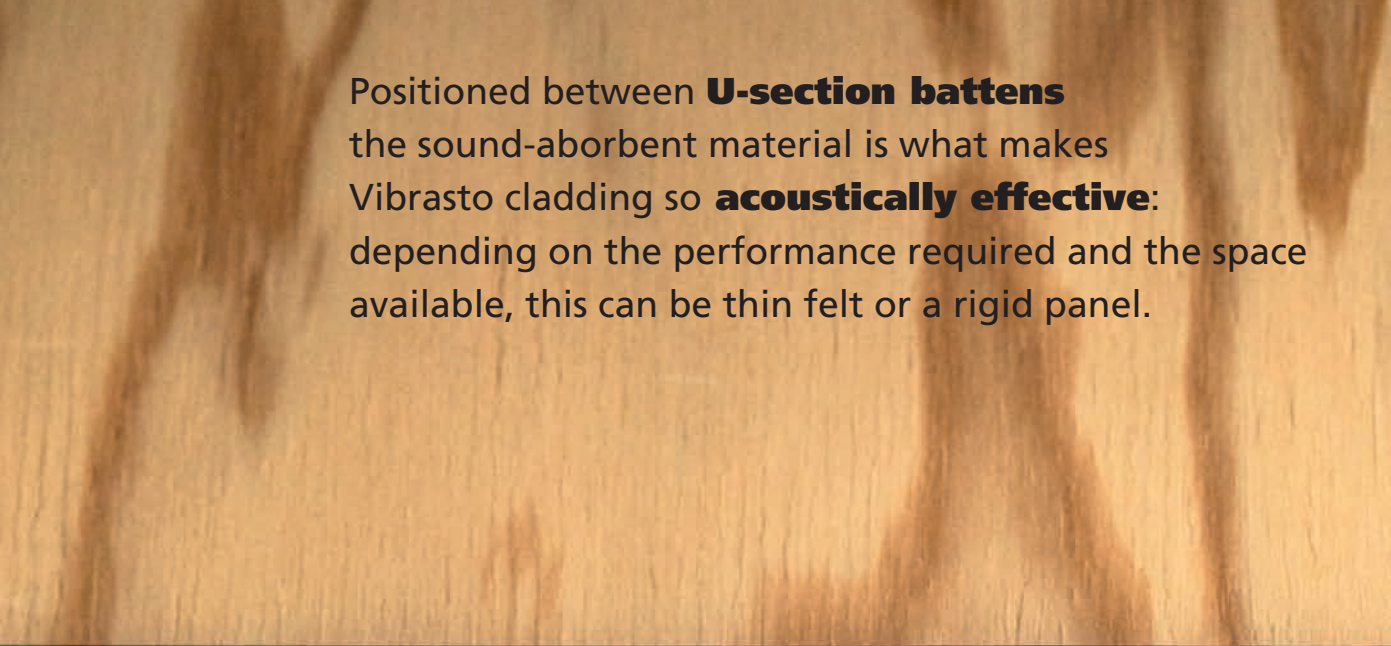
10-YEAR GUARANTEE



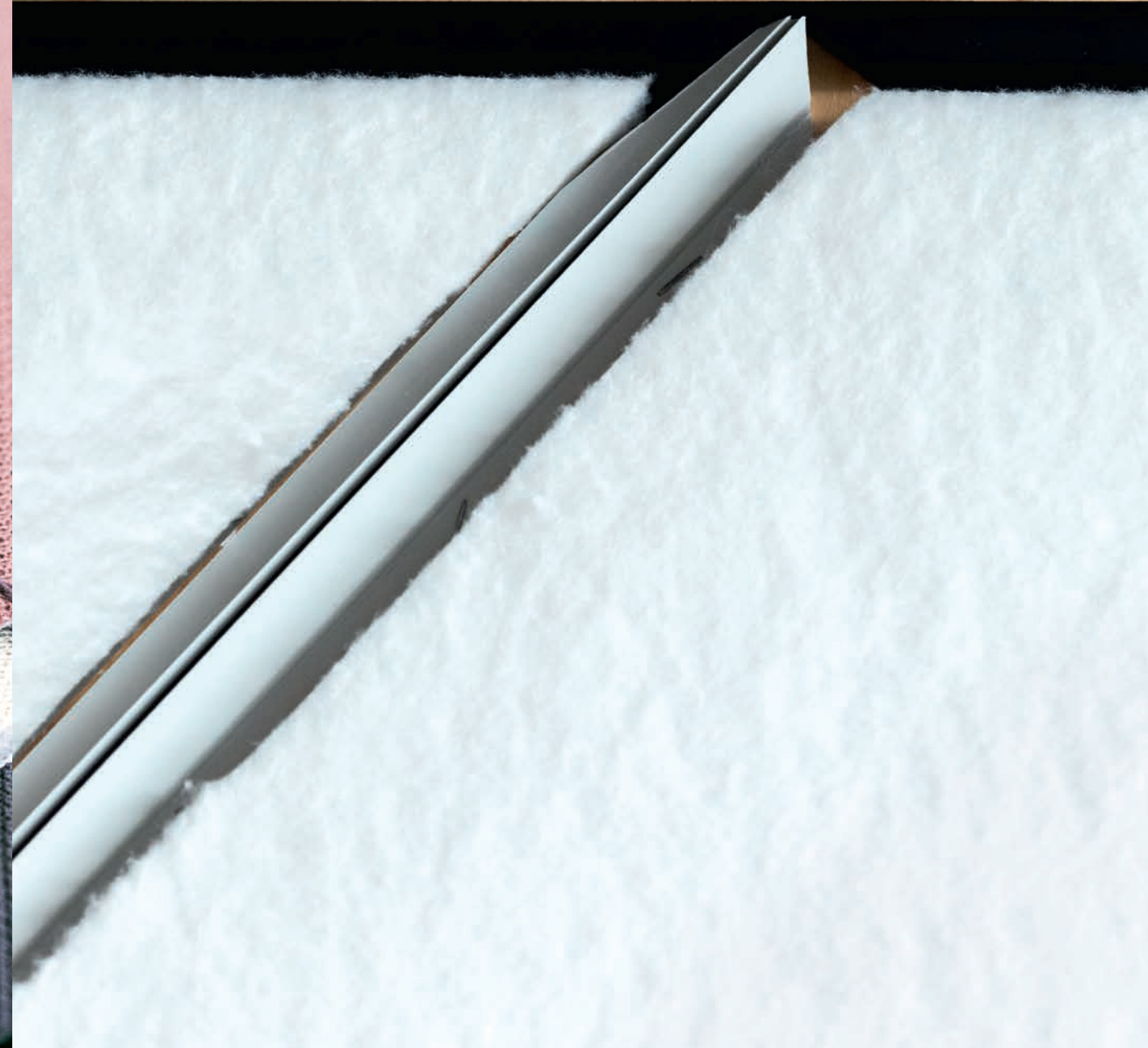
The walls are covered with Vibrasto cladding.
Salvador Allende cultural centre in Mons-en-Barœul in northern France.
Architects: Dominique Coulon & Associates and Damien Surroca Architects, 2018.

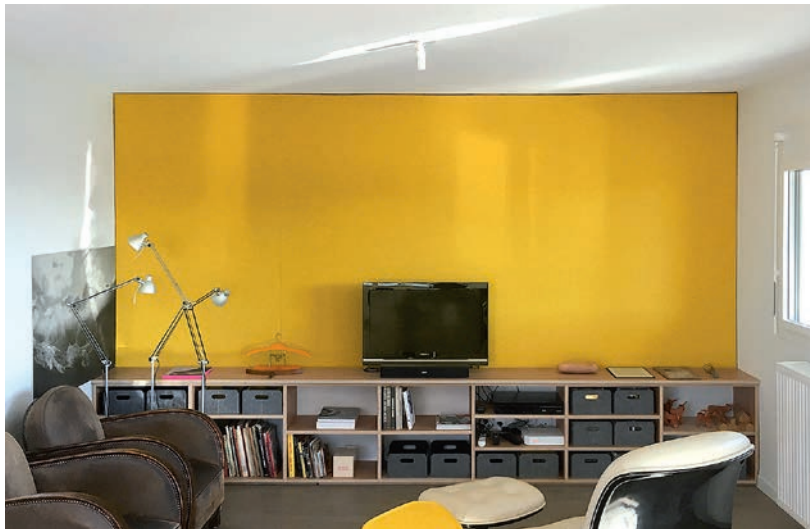


Vibrasto cladding uses our **Aeria fabric** as a cover, which is laminated to **3 mm-thick wadding** to make it perfectly opaque and able to conceal the acoustic system behind it.



Positioned between **U-section battens** the sound-aborbent material is what makes Vibrasto cladding so **acoustically effective:** depending on the performance required and the space available, this can be thin felt or a rigid panel.





Installing Vibrasto cladding in Bordeaux, 2018.



The Vibrasto installation system, using profiled battens, enables large-scale applications with a guarantee of achieving perfect finished results.
Bordeaux Chamber of Commerce and Industry. Architect: Brochet Lajus Pueyo, 2010



Vibrasto 15 and 30 can be applied to convex and concave surfaces.
IOT.Bzh start-up in the Saint-Louis covered market of Lorient in southern Brittany.
Architects: Compère & Cie, 2019.



Wall-mounted Vibrasto. Municipal music and dance school in Montmagny, north of Paris, 2009.



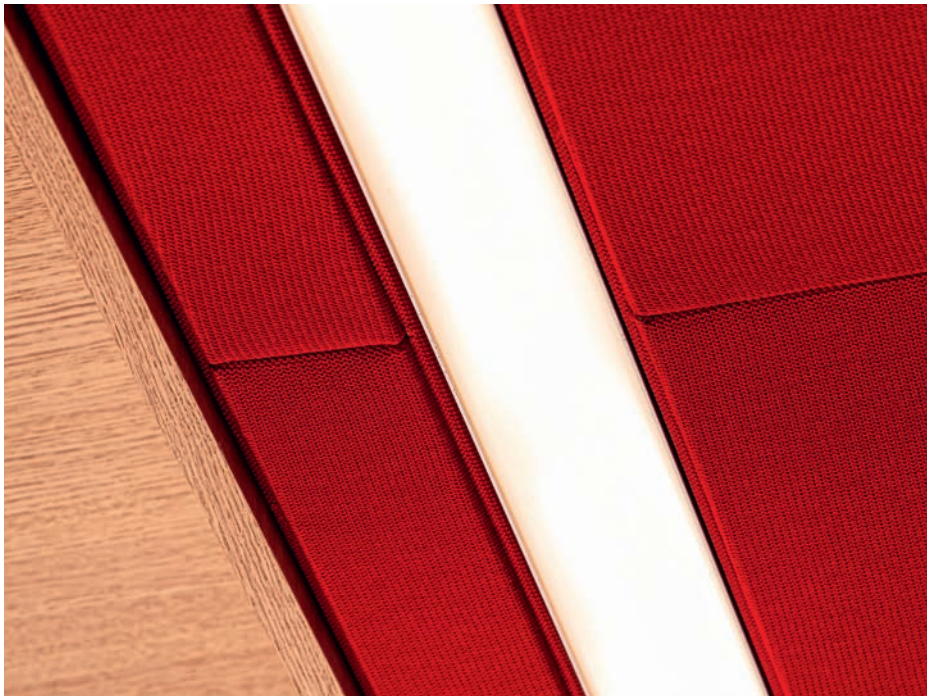
Wall-mounted Vibrasto, using different colours and geometrical shapes. Town council chamber in Bormes-les-Mimosas west of Saint-Tropez. Architect: Jean-Paul Mathieu, Toulon, 2017.



Wall-mounted Vibrato. By using matching shades the cladding disappears completely. Musée des Confluences lecture hall in Lyons. Architect: Coop HimmelB(l)au and Tabula Rasa, Grégory Perrin, 2014.



Available in a 15-mm thickness, Vibrasto cladding can be a space-saving solution. Showroom in Cestas near Bordeaux. A-traits architecture, Nathalie Darriet, 2015.



The installation system makes for perfect finishing around lighting, loudspeakers, ventilation, etc.



Opposite: to achieve maximum acoustic comfort, all the available surfaces of this meeting room with many glazed openings were clad with Vibrasto. Swiss Life Tower in Lyons. Renovation architects: Batton Bergmann, 2014



Vibrasto cladding covering 2,500 m² (26,900 sq. ft) of ceiling
in the Islam Arts Department of the Louvres Museum in Paris.
Architects: Mario Bellini and Rudy Ricciotti, 2012.

Characteristics of Vibrasto cladding

VIBRASTO 15

Composition

- Tensioning battens
- AF2 absorbent felt
- Aeria sound-transparent fabric facing, laminated onto wadding

Acoustic performance

Absorption coefficient α_w when fitted over concrete

$\alpha_w = 0.35$ (H), NRC = 0.40, class D

European reaction to fire classification

Complete product: B-s2, d0

Total thickness

15 mm

Concave/convex surfaces

Yes

VIBRASTO 30

Composition

- Tensioning battens
- A single layer of 25-mm RI absorber panels
- Aeria sound-transparent fabric facing, laminated onto wadding

Acoustic performance

Absorption coefficient α_w when fitted over concrete

$\alpha_w = 0.50$ (MH), NRC = 0.70, class D

European reaction to fire classification

- Facing: B-s1, d0
- RI panel: A2-s1, d0

Total thickness

30 mm

Concave/convex surfaces

Yes

VIBRASTO 55

Composition

- Tensioning battens
- Two layers of 25-mm RI absorber panels
- Aeria sound-transparent fabric facing, laminated onto wadding

Acoustic performance

Absorption coefficient α_w when fitted over concrete

$\alpha_w = 0.95$, NRC = 0.90, class A

European reaction to fire classification

- Facing: B-s1, d0
- RI panel (two layers): A2-s1, d0

Total thickness

55 mm

Concave/convex surfaces

No

ENVIRONMENTAL CHARACTERISTICS

- Tensioning battens made of 100% recycled materials
- Vibrasto cladding meets 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

CLEANING

Vacuum cleaning, may be taken apart and refitted

DURABILITY OF THE AERIA FABRIC COVER

- Run-resistant
- 330 g/m²
- Protection against soiling:
 - Hydro/Oleophobic ≥ 5 (AATCC118 and AATCC193)
 - Electrostatic properties $7 \times 10^{10} \Omega$ (EN 1149-1)

GUARANTEE

10 years

AVAILABLE OPTION

Embroidery

SPECIAL SOLUTIONS

A “Grain de Riz” (rice grain pattern) knit for the Aeria fabric, 3 colours available.

FITTING

- Join-to-join distance: 1,500 mm
- The joins between adjacent lengths are produced as pencil-line joins. The edges of the Vibrasto facing are inserted into U-section battens fitted between the two lengths. For thicker assemblies, the battens can be mounted on shims, sized to suit the dimensions of the absorbent material.
- Inside corners are produced as pencil-line joins. A Texaa-supplied standoff batten can be used to produce outside corners.
- L-section battens are fitted around the edges of the covered surface (or around the surrounds of openings).
- The battens fitted along visible edges are delivered already clad with a matching fabric.
- Electrical fittings (plug sockets, switches etc.) are installed to stand proud of the surface depending on the thickness of the absorbent material.

COLOURS

Select from the 30 colours in the Maille Ronde (MR) palette, page 38.

Special colours available on request.



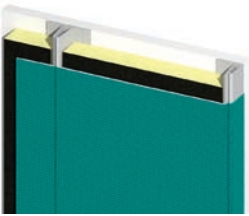
MORE INFORMATION

Specification and full characteristics provided in the Vibrasto technical data sheet available from www.texaa.co.uk/documentation

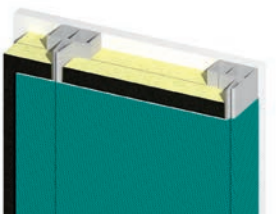
THREE THICKNESSES



Vibrasto 15



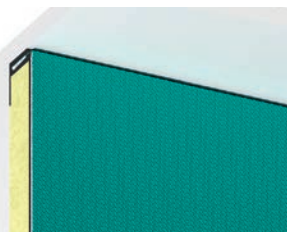
Vibrasto 30



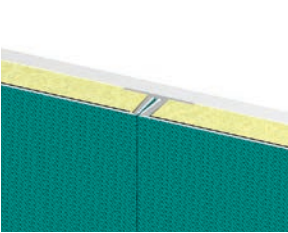
Vibrasto 55

A COMPREHENSIVE INSTALLATION SYSTEM

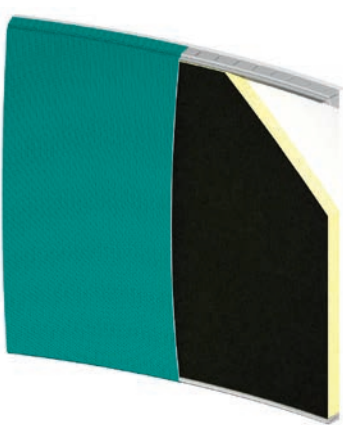
Ceiling



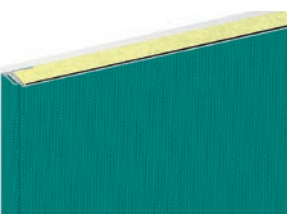
Join-to-join distance: 1,500 mm



Concave surface



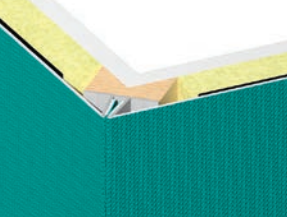
Clad visible edge option



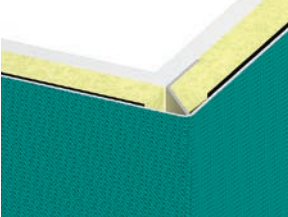
Electrical fittings



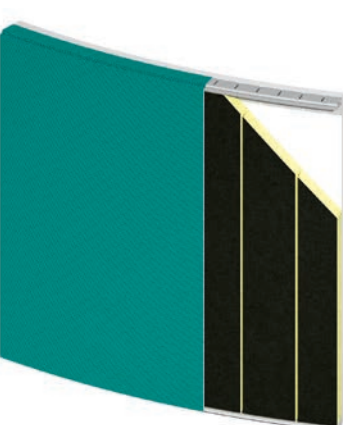
Outside corner with wooden standoff batten



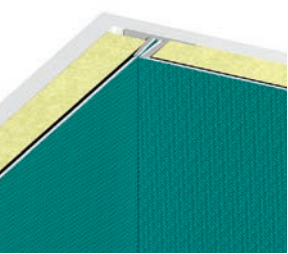
Outside corner over metal corner batten



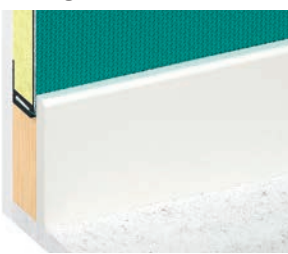
Convex surface



Inside corner



Skirting



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