Texaa®

Specification and data sheets

Vibrasto 15

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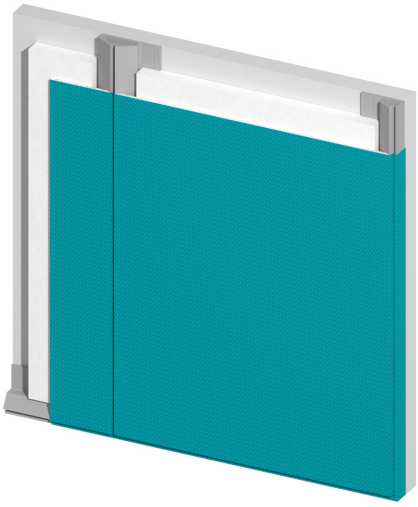
Production time

3 weeks

Professionals to be consulted for fitting

Upholsterers and carpenters

Vibrasto 15



Vibrasto 15 is flexible acoustic cladding that can be stretch-fitted to walls, ceilings or furniture. It comprises a highly flame-resistant facing, made of sound-transparent **Aeria*** fabric, laminated onto wadding and stretch-fitted in front of a lightweight sound-absorbing material. This simple, flexible solution enables large surface areas, even curved surfaces to be covered, and delivers a perfect finish at a manageable cost.

Width: 1.500 mm, thickness 15 mm

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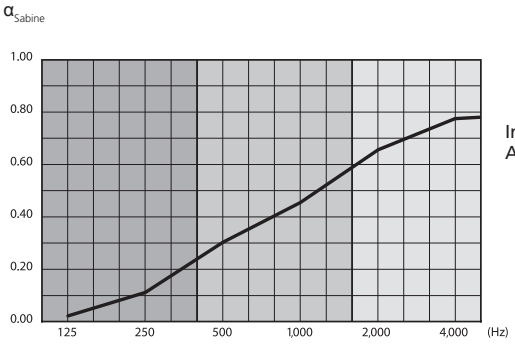
* **Aeria**, our sound-transparent fabric, exclusively patented by **Texaa®**

Acoustic performance

For Vibrasto stretched and anchored against concrete



In front of a single layer of 10-mm AF2 absorbent felt panels – **Vibrasto 15**

	α_w	Class	NRC	Frequencies (Hz)	125	250	500	1,000	2,000	4,000
Vibrasto + 10-mm AF2 absorbent felt	0.35 (H)	D	0.40	α_{Sabine}	0.04	0.12	0.32	0.50	0.71	0.80

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

Specification

Walls [and ceilings] can be treated with **Texaa®**'s highly flame-resistant **Vibrasto 15** cladding. It is 1,500 mm wide and comprises an outer layer of sound-transparent **Aeria** fabric laminated onto wadding and stretch-fitted in front of AF2 absorbent felt panels. Its absorption coefficient α_w when fitted against concrete is 0.35 (H). The total thickness is then 15 mm.

European reaction to fire classification – complete product

B-s2, d0

Environmental characteristics

HQE: EPD (EN 15804) –

Environmental and Health Product Declarations certified by AFNOR

LEED / BREEAM:

4 points for
- – acoustic contribution
- – certified EPD (EN 15804)
- – very low VOC (Volatile Organic Compounds) and formaldehyde emissions.

Tensioning battens made from fully recycled materials

Performance of **Aeria**

Hydro / Oleophobic ≥ 5 (AATCC118 and AATCC193)

Electrostatic properties 7.10^{10} Ω (EN 1149-1)

Cleaning

Vacuum cleaning, may be removed and refitted

Guarantee

10 years

Colours

Select from the 30 colours in the palette

Special colours available on request

Common option

□ Embroidery option

Special Vibrasto solution

Aeria fabric with a "Grain de Riz" (rice grain pattern) knit, 3 colours available

Fitting methods

The cladding is installed by stretch-fitting the fabric between battens in front of 10-mm thick panels of AF2 sound-absorbing felt bonded to the support surface. The total thickness is then 15 mm.

Joins
The joins between adjacent lengths are produced as pencil-line joins.
The edges of the **Vibrasto** facing are inserted into U-section battens fitted in line with the join between two lengths. Join-to-join distance: 1,500 mm

Edging
The edges of the **Vibrasto** facing are inserted into L-shaped battens fitted around the edges of the covered surface (or around the surrounds of openings).

Covered edging (for visible edging) option
Where an L-shaped batten is fitted along a visible edge, the batten can be delivered already covered with a matching fabric.

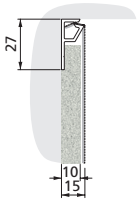
Outside corners
These corners are produced by stretching the facing over a corner batten provided by **Texaa®**.

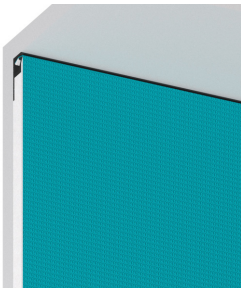
Inside corners
These corners are produced as pencil line joins.

Electrical fittings
Plug sockets, switches etc. are mounted to protrude 12 mm from the surface.

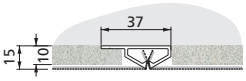
Layout plan
Different batches of fabric in the same colour may show very slight variations in shade; it is therefore imperative to respect the layout plan drawn up for each wall.

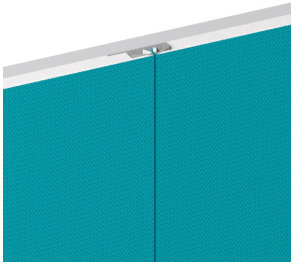
Ceiling



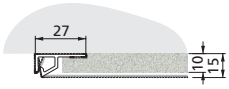


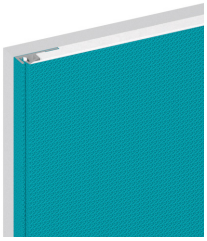
Join-to-join distance: 1,500 mm



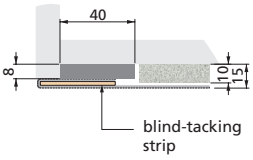


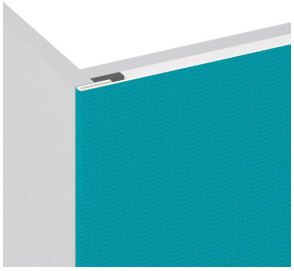
Covered visible edge option



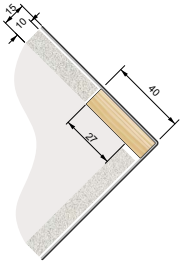


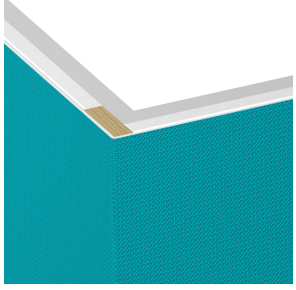
Thin visible edge



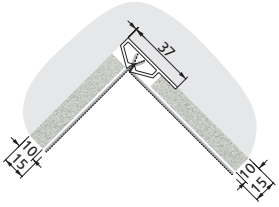


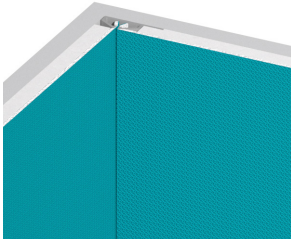
Outside corner



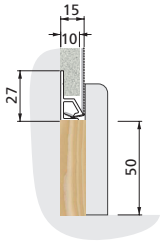


Inside corner





Skirting



Convex surface

Concave surface

Aeria - cleaning guidelines

To protect the fresh colour of your **Aeria** fabric, we advise you to clean it regularly by:
– removing dust with a soft brush and vacuum cleaner
– using an absorbent cloth to soak up spilt liquids
– cleaning marks or stains quickly, before they have time to dry and become harder to remove

Aeria is treated with a water-repellent product, so any stains can usually be removed by gently dabbing. Never rub the fabric.

If a stain proves harder to remove, please follow the instructions below:

For water-based liquids (tea, coffee, soft drinks, wine, etc.)
If the stain has penetrated the fabric, use a vacuum cleaner to remove any dust from the soiled area. Then, rehydrate the stain by dabbing the marked area with one hand using a cloth dampened with clean water, and dry the area with the other hand using a dry, clean absorbent cloth. If the stain persists, repeat the process using water and a little soap.

For oil-based liquids
Dab the stain with a clean cloth dampened with undiluted solvent-based cleaning fluid. Remember to fold the cloth frequently, so that the stain is always in contact with a clean part of the cloth's surface.

For semi-solid stains, such as butter, ketchup, etc
Remove any remaining solid material with a spatula and proceed with the cleaning method detailed above for oil-based liquids.

For dye-based stains (marker pen, biro, ink, etc.)
Dab the stain with a clean cloth dampened with a solvent such as methanol. Remember to fold the cloth frequently, so that the stain is always in contact with a clean part of the cloth's surface.

In order to avoid the formation of rings, clean stains and marks from the outside towards the middle, and then use a hair-dryer to speed up the drying process.

Technical characteristics: Vibrasto 15

Definition	Vibrasto 15
Fitting	Stretch and anchor
Absorbent material/thickness	Black or grey wadding / 3 mm AF2 sound-absorbent felt / 10 mm
Surface / colours	**Aeria*** Maille Ronde / 30 colours
Physical properties	
– Weight	Facing: 0.51 kg / m^2 10-mm AF2 absorbent felt 0.5 kg / m^2
– Total thickness	15 mm +0 / -1
– Width	1,520 +10 / -10
– Length	
– Formability (length or width)	+3 % – 0 %
– Light reflectance (for Nacre (Pearly white) colour, MR 640)	81 %
Durability	
Mechanical properties	
– Abrasion resistance (EN 12947-2, number of rubs)	> 30,000
– Fraying	None
– Variations in dimensions (under normal conditions of temperature and relative humidity)	< 0.1 %
– Colour fastness ISO 105-B02 (scale from 1 to 8)	≥ 5
– Electrostatic properties (EN 1149-1)	$7.10^{10}\,\Omega$
– Hydro/Oleophobia AATCC118 and AATCC193 (scale from 1 to 8)	≥ 5
– Conditions of normal exposure	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
Health and safety	
Reaction to fire classification	
– Europe EN	Complete product: B-s2, d0
Environmental characteristics	
HQE® High Quality Environmental standard (standart EN 15804)	AFNOR-certified environmental product declaration
VOC and formaldehyde emissions (ISO 16000) French health labelling / in accordance with German protocol AgBB	A+ / compliant
Contribution to LEED/BREEAM certification – certified EPD – air emissions – acoustic contribution	4 points
Cleaning	
Method	Vacuum clean every one to five years, depending on conditions of use** Removable

* **Texaa®**'s internationally patented **Aeria** sound-transparent fabric / ** refer to the cleaning and maintenance sheets

Texaa® is a privately owned company with a staff of fifty-five. Informed by continuous contact with designers and professionals in the building industry, we conceive, manufacture and distribute solutions to enhance the acoustic comfort of the spaces in which people live and work. **Texaa®** products are technically sophisticated, sensitive and hard-wearing. Their hallmark is the textile in which they are clad: **Aeria*** is knitted in our workshop near Bordeaux in a palette of 30 colours. Since 1978, it has been our pride and delight to play our part in developing quality architecture in France, Europe, the US and beyond.

* our sound-transparent textile with an exclusive **Texaa®** patent

Updates at www.texaa.co.uk

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