

Texaa®

Specification and data sheets

Vibrasto

Acoustic cladding



Vibrasto	p. 3
Acoustic performance	p. 4
Specification	p. 5
Technical characteristics	p. 6

Production lead time

3 weeks

**Professionals to be
consulted for fitting**

Upholsterers and carpenters

Vibrasto

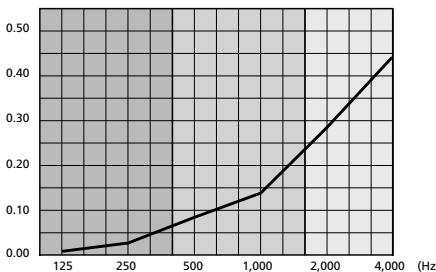
Vibrasto is flexible acoustic cladding that can be stretch-fitted to walls, ceilings or furniture. It comprises a highly flame-resistant facing, made of sound-transparent Aeria* fabric, laminated onto wadding. Width 1,500 mm

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

Acoustic performance

For Vibrasto stretched in front of a 13-mm air gap

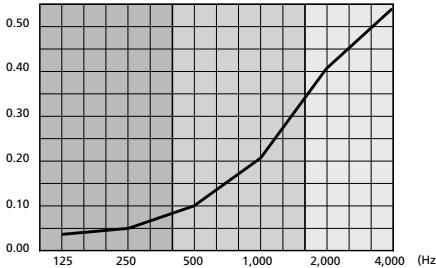
α_{Sabine}



	α_w	Class	NRC	Frequencies (Hz)	125	250	500	1,000	2,000	4,000
Vibrasto in front of 13-mm air gap	0.15 (MH)	E	0.1	α_{Sabine}	0.01	0.03	0.07	0.14	0.27	0.44

For Vibrasto stretched in front of a 25-mm air gap

α_{Sabine}



	α_w	Class	NRC	Frequencies (Hz)	125	250	500	1,000	2,000	4,000
Vibrasto Vibrasto in front of 25-mm air gap	0.2 (H)	E	0.2	α_{Sabine}	0.04	0.05	0.1	0.21	0.41	0.54

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 cladding. It is 1,500 mm wide and comprises an outer layer of sound-transparent Aeria fabric laminated onto wadding. Its absorption coefficient α_w when fitted in front of a 25-mm air gap is 0.2 (H).

European reaction to fire classification

B-s1,d0

Environmental characteristics

- Indoor Air Quality (ISO 16000) : A+, AgBB compliant, Indoor Air Comfort Gold
- Contribution to environmental labels:
 - LEED: 7 to 11 points
 - BREEAM: 11 credits
 - DGNB: 22.4 to 26%
 - HQE: 6 targets
 - WELL: 14 credits
- 100% recycled wadding
- Proportion of recycled components: 24%

Durability of the fabric cover

Performance of Aeria 330 g/m² run-resistant fabric

Protection against soiling

Antistatic properties $3.10^7 \Omega/m^2$ (ASTM D257)

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

Technical characteristics

Definition	Vibrasto
Fitting	Stretch
Absorbent material/thickness	Black or grey wadding / 3 mm / 100% recycled materials
Surface / colours	Aeria* Maille Ronde / 30 colours
Physical properties	
– Weight	0.46 kg / m ²
– Total thickness	3 mm +0 / -1
– Width	1,520 +10 / -10
– Length	depending on requirements and packaging constraints
– Formability (length or width)	+3 % – 0 %
– Light reflectance (colour Gris Nacré MR003)	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
– Antistatic properties (ASTM D257)	3.10 ⁷ Ω/m ²
– 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 NF EN 13501-1	B-s1,d0
Development of micro-organisms	The materials used reduce the proliferation of house dust mites and micro-organisms
Environmental characteristics	
VOC and formaldehyde emissions (ISO 16000)	
French health labelling & in accordance with German protocol AgBB / Indoor Air Comfort label	A+ / Compliant / Gold
Contribution to environmental labels	LEED: 7 to 11 points BREEAM: 11 credits DGNB: 22.4 to 26% HQE: 6 targets WELL: 14 credits
Proportion of recycled components	24 %
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 50 employees. Informed by continuous contact with architects and professionals in the building industry, we design, 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, USA and beyond.

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

**Updates at
www.texaa.com**

Texaa®
textile, acoustics, architecture

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