

# Texaa®

Specification and data sheets

# Vibrasto

## Acoustic cladding



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**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

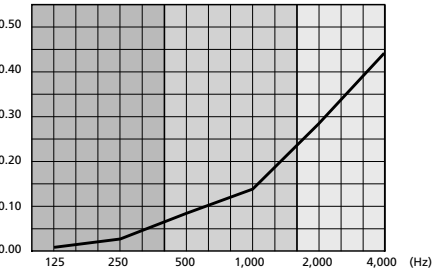
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\* Aeria, our sound-transparent fabric, exclusively patented by Texaa®

# Acoustic performance

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

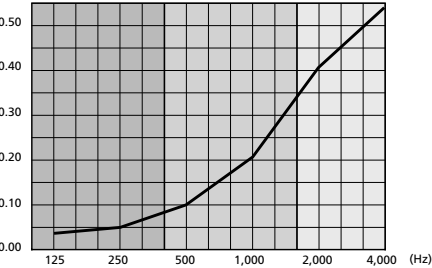
$\alpha_{\text{Sabine}}$



	$\alpha_w$	Class	NRC	Frequencies (Hz)	125	250	500	1,000	2,000	4,000
<b>Vibrasto</b> in front of 13-mm air gap	0.15 (MH)	E	0.1	$\alpha_{\text{Sabine}}$	0.01	0.03	0.07	0.14	0.27	0.44

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

$\alpha_{\text{Sabine}}$



	$\alpha_w$	Class	NRC	Frequencies (Hz)	125	250	500	1,000	2,000	4,000
<b>Vibrasto</b> Vibrasto in front of 25-mm air gap	0.2 (H)	E	0.2	$\alpha_{\text{Sabine}}$	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  $\alpha_w$  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/m<sup>2</sup> run-resistant fabric

## Protection against soiling

Antistatic properties  $3 \cdot 10^7 \Omega/\text{m}^2$  (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
<b>Fitting</b>	Stretch
<b>Absorbent material/thickness</b>	Black or grey wadding / 3 mm / 100% recycled materials
<b>Surface / colours</b>	<b>Aeria*</b> Maille Ronde / 30 colours
<b>Physical properties</b>	
– Weight	0.46 kg / m <sup>2</sup>
– 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 %
<b>Durability</b>	
<b>Mechanical properties</b>	
– 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 <sup>7</sup> Ω/m <sup>2</sup>
– 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
<b>Health and safety</b>	
<b>Reaction to fire classification</b>	
–Europe NF EN 13501-1	B-s1,d0
<b>Development of micro-organisms</b>	The materials used reduce the proliferation of house dust mites and micro-organisms
<b>Environmental characteristics</b>	
<b>VOC and formaldehyde emissions</b> (ISO 16000) French health labelling & in accordance with German protocol AgBB / Indoor Air Comfort label	A+ / Compliant / Gold
<b>Contribution to environmental labels</b>	LEED: 7 to 11 points BREEAM: 11 credits DGNB: 22.4 to 26% HQE: 6 targets WELL: 14 credits
<b>Proportion of recycled components</b>	24 %
<b>Cleaning</b>	
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](http://www.texaa.com)

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