

Specification and data sheets

Vibrasto acoustic cladding

Brief description

Vibrasto 15 stretch and anchor

System thickness: 15 mm Sound absorption coefficient α_w : 0.35 (H) Cladding for flat, concave and convex surfaces

Vibrasto 30 stretch and anchor

System thickness: 30 mm Sound absorption coefficient α_w : 0.50 (MH) Cladding for flat, concave and convex surfaces

Vibrasto 55 stretch and anchor

System thickness: 55 mm Sound absorption coefficient $\alpha_{\rm w}$: 0.95 Cladding for flat surfaces only

Vibrasto 15	р. 7
Acoustic performance	p. 8
Specification	р. 9
Fitting methods	р. 10
Aeria - cleaning guidelines	р. 13
Technical characteristics	p. 14
Vibrasto 30	p. 19
Acoustic performance	p. 20
Specification	p. 21
Fitting methods	p. 22
Aeria - cleaning guidelines	p. 25
Technical characteristics	p. 26
Vibrasto 55	p. 31
Acoustic performance	p. 32
Specification	р. 33
Fitting methods	p. 34
Aeria - cleaning guidelines	p. 36
Technical characteristics	p. 37



Vibrasto 15

Vibrasto 15	p. 7
Acoustic performance	p. 8
Specification	p. 9
Fitting methods	p. 10
Aeria - cleaning guidelines	p. 13
Technical characteristics	p. 14

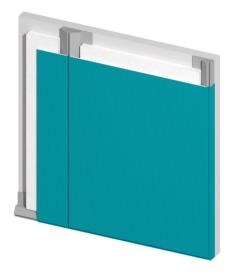
Production time

3 weeks

Professionals to be consulted for fitting

Upholsterers and carpenters

Vibrasto 15

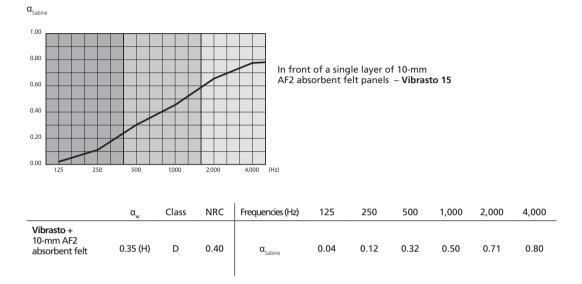


Vibrasto 15 is flexible acoustic cladding that can be stretch-fitted to walls, ceilings or furniture. It comprises a highly flame-resistant facing, made of sound-transparent **Aeria*** fabric, laminated onto wadding and stretch-fitted in front of a lightweight sound-absorbing material. This simple, flexible 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

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

Acoustic performance



For Vibrasto stretched and anchored against concrete

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 $\alpha_{\rm w}$ 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:

Tensioning battens made from fully recycled materials Impact on climate change: 7.77 kg CO₂ eq /m²

Performance of Aeria Hydro / Oleophobic \geq 5 (AATCC118 and AATCC193) Electrostatic properties 7.10¹⁰ 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

Available options

□ Embroidery

□ A Grain de Riz (rice grain) knit for the Aeria fabric, 3 colours available (subject to stock levels)

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.

<u>Joins</u>

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.

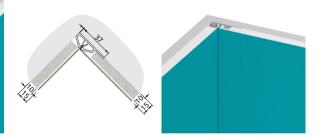
Uncovered batten when edge is not visible

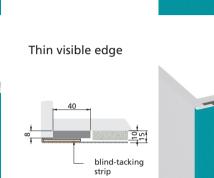
Join-to-join distance: 1,500 mm



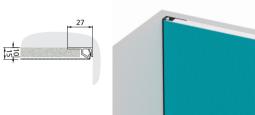
Inside corner

12









Covered batten when edge is visible



Outside corner





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

Fitting Absorbent material/thickness Surface / colours Physical properties - Weight - Total thickness - Width	Stretch and anchor Black or grey wadding / 3 mm AF2 sound-absorbent felt / 10 mm Aeria* Maille Ronde / 30 colours Facing: 0.51 kg / m² 10-mm AF2 absorbent felt 0.5 kg / m² 15 mm +0 / -1
Surface / colours Physical properties - Weight - Total thickness	AF2 sound-absorbent felt / 10 mm Aeria* Maille Ronde / 30 colours Facing: 0.51 kg / m ² 10-mm AF2 absorbent felt 0.5 kg / m ² 15 mm +0 / -1
Physical properties – Weight – Total thickness	Facing: 0.51 kg / m² 10-mm AF2 absorbent felt 0.5 kg / m² 15 mm +0 / -1
– Weight – Total thickness	10-mm AF2 absorbent felt 0.5 kg / m² 15 mm +0 / -1
– Total thickness	10-mm AF2 absorbent felt 0.5 kg / m² 15 mm +0 / -1
– Width	1 530 . 10 / 10
	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 Ω
- 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	
Development of micro-organisms	The materials used reduce the proliferation of house dust mites and micro-organisms
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
Impact on climate change	7.77 kg CO ₂ eq /m ²
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



Vibrasto 30

р. 19
p. 20
p. 21
p. 22
p. 25
p. 26

Production time

3 weeks

Professionals to be consulted for fitting

Upholsterers and carpenters

Vibrasto 30



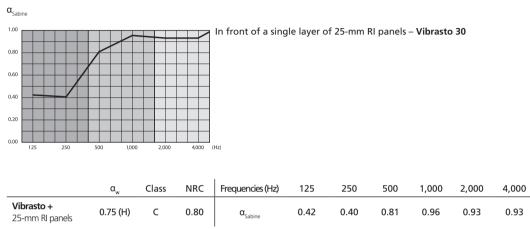
Vibrasto 30 is flexible acoustic cladding that can be stretch-fitted to walls, ceilings or furniture. It comprises a highly flame-resistant facing, made of soundtransparent Aeria* fabric, laminated onto wadding and stretch-fitted in front of a semi-rigid sound-absorbing material. Its simple fitting and value for money in terms of acoustic performance makes this an ideal product for covering large surface areas with a perfect finish at a manageable cost.

Width: 1,500 mm, thickness: 30 mm

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

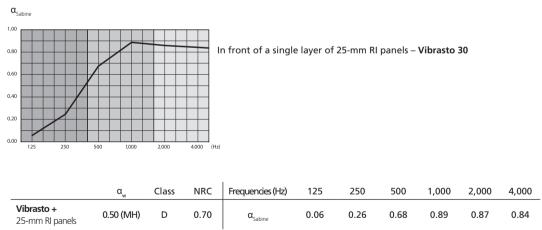
Acoustic performance

For Vibrasto stretched and anchored against plasterboard screwed into a stud frame, lined with 45-mm thick mineral wool



This traditional wall construction method provides additional sound absorption at low frequencies.

For Vibrasto stretched and anchored against concrete



PV essais disponibles sur demande - Norme NF EN 20354 / ISO 354.

Specification

Walls [and ceilings] can be treated with Texaa[®]'s highly flame-resistant Vibrasto 30 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 RI panels. Its absorption coefficient α_{u} when fitted against concrete is 0.50 (MH). The total thickness is then 30 mm.

European reaction to fire classification

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

Environmental characteristics HQE: EPD (EN 15804) -Environmental and Health Product Declarations certified by AFNOR LEED / BREEAM:

Tensioning battens made from fully recycled materials.

A single 25-mm-thick RI soundabsorbing panel, 80% recycled materials.

Impact on climate change: 5.94 kg CO₂ eq /m²

Proportion of recycled components: $\geq 66\%$

Performance of Aeria Hydro / Oleophobic \geq 5 (AATCC118 and AATCC193) Electrostatic properties 7.10¹⁰ 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

Available options

Embroidery

□ A Grain de Riz (rice grain) knit for the Aeria fabric, 3 colours available (subject to stock levels)

Fitting methods

The cladding is installed by stretch-fitting the fabric between battens in front of 25-mm RI panels "dot and dab" bonded or fastened to the support surface. The total thickness is then 30 mm.

<u>Joins</u>

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

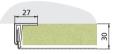
Plug sockets, switches etc. are mounted to protrude 28 mm from the surface.

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.

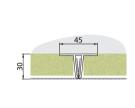
Uncovered batten when edge is not visible

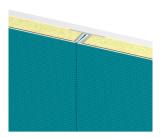
Covered batten when edge is visible



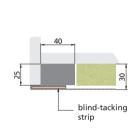


Join-to-join distance: 1,500 mm





Thin visible edge



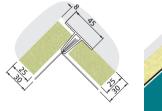


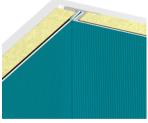
Outside corner using a wooden batten

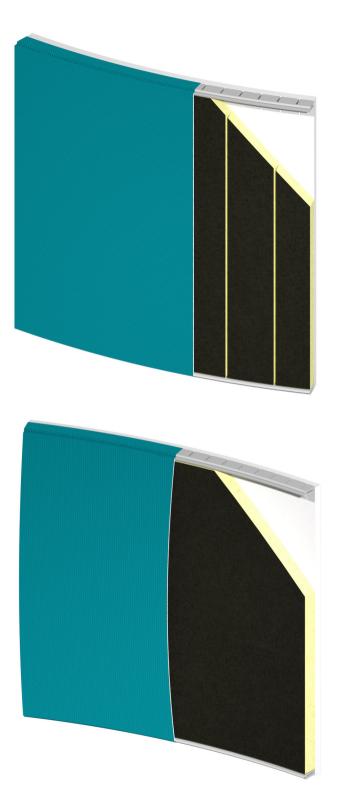
Inside corner











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 30

Definition	Vibrasto 30
Fitting	Stretch and anchor
Absorbent material/thickness	Black or grey wadding / 3 mm RI panel (+black cloth) / 25 mm
Surface / colours	Aeria* Maille Ronde / 30 colours
Physical properties	
– Weight	Facing: 0.51 kg / m² 25-mm Rl panel: 1.6 kg / m²
– Total thickness	30 mm +0 / -1
– Width	1,520 +10 / -10
– Length	To suit requirements and packaging limitations
– 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 humidi	ity) < 0.1 %
- Colour fastness ISO 105-B02 (scale from 1 to 8)	≥ 5
– Electrostatic properties (EN 1149-1)	7.10 ¹⁰ Ω
- 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	
European reaction to fire classification	
– Europe EN	Facing: B-s1, d0 RI panel: A2-s1, d0
Environmental characteristics	
Development of micro-organisms	The materials used reduce the proliferation of house dust mites and micro-organisms
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 EPDn – air emissions – acoustic contribution	4 points
Impact on climate change	5.94 kg CO ₂ eq /m²
Proportion of recycled components	≥ 66 %
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



Vibrasto 55

Vibrasto 55	p. 31	
Acoustic performance	p. 32	
Specification	p. 33	
Fitting methods	p. 34	
Aeria - cleaning guidelines	p. 36	
Technical characteristics	p. 37	

Production time

3 weeks

Professionals to be consulted for fitting

Upholsterers and carpenters

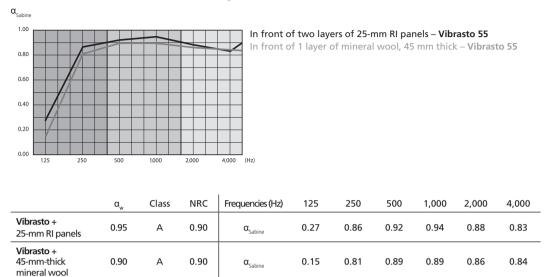
Vibrasto 55



Vibrasto 55 is flexible acoustic cladding that can be stretch-fitted to walls, ceilings or furniture. It comprises a highly flame-resistant facing, made of soundtransparent Aeria* fabric, laminated onto wadding and stretch-fitted in front of a thick sound-absorbing material. Its exceptional performance corrects the acoustics of spaces with significant reverberation problems, while minimising the surface area that needs to be treated. Width: 1,500 mm, thickness: 55 mm

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

Acoustic performance



For Vibrasto stretched and anchored against concrete

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 55** 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 RI panels. Its absorption coefficient α_w when fitted against concrete is 0.95. The total thickness is then 55 mm.

European reaction to fire classification of the Vibrasto cladding

B-s1, d0

European reaction to fire classification of the RI panel A2-s1, d0

Environmental characteristics

HQE: EPD (EN 15804) -

Environmental and Health Product Declarations certified by AFNOR LEED / BREEAM:

4 points for $\begin{cases}
- acoustic contribution \\
- certified EPD (EN 15804) \\
- very low VOC (Volatile Organic Compounds) and formaldehyde emissions.
\end{cases}$

Tensioning battens made from fully recycled materials. Sound-absorbing panels made 80% from recycled material. Impact on climate change: 8.1 kg CO_2 eq /m²

Performance of Aeria

Hydro / Oleophobic \geq 5 (AATCC118 and AATCC193) Electrostatic properties 7.10¹⁰ Ω (EN 1149-1)

<u>Cleaning</u> Vacuum cleaning, may be removed and refitted

<u>Guarantee</u>

10 years

<u>Colours</u> Select from the 30 colours in the palette Special colours available on request

Available options

□ Embroidery

A Grain de Riz (rice grain) knit for the Aeria fabric, 3 colours available (subject to stock levels)

Fitting methods

The cladding is installed by stretch-fitting the fabric between battens in front of two layers of 25-mm RI panels fastened to the support surface. The total thickness is then 55 mm.

<u>Joins</u>

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

For a 55 mm-thick assembly, any L-shaped battens fitted along the visible edges 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

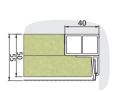
Plug sockets, switches etc. are mounted to protrude 50 mm from the surface.

Layout plan

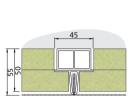
Different batches of fabric in the same colour may show very slight variations in shade; it is therefore imperative to respect the layout plan drawn up for each wall.

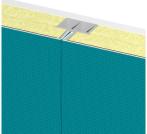
Uncovered batten when edge is not visible

Join-to-join distance: 1,500 mm

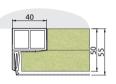






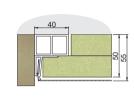


Covered batten when edge is visible





Wooden edge trim

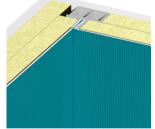


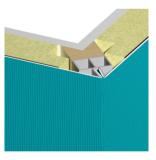
Outside corner over



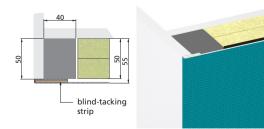
Inside corner







Thin visible edge



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 55

Definition	Vibrasto 55
Fitting	Stretch and anchor
Absorbent material/thickness	Black or grey wadding / 3 mm Two RI panel (+black cloth) / 50 mm
Surface / colours	Aeria* Maille Ronde / 30 colours
Physical properties	
– Weight	Facing: 0.51 kg / m² 25-mm Rl panel: 1.6 kg / m²
– Total thickness	55 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 Ω
- 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	Facing: B-s1,d0 25-mm RI panel: A2-s1, d0
Environmental characteristics	
Development of micro-organisms	The materials used reduce the proliferation of house dust mites and micro-organisms
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
Impact on climate change	8.1 kg CO ₂ eq /m²
Cleaning	
	Vacuum clean every one to five years,

* 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 fiftyfive. 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

Texaa[®] textile, acoustics, architecture

United Kingdom

+44 (0) 20 7092 3435 contact@texaa.co.uk www.texaa.co.uk

USA

2825 East Cottonwood Parkway Suite 500 Salt Lake City, UT 84121

salesusa@texaa.com www.texaa.com