

2-2. VIBRASTO 10 AND 20

'STRETCH AND GLUE' ACOUSTIC COVERINGS.

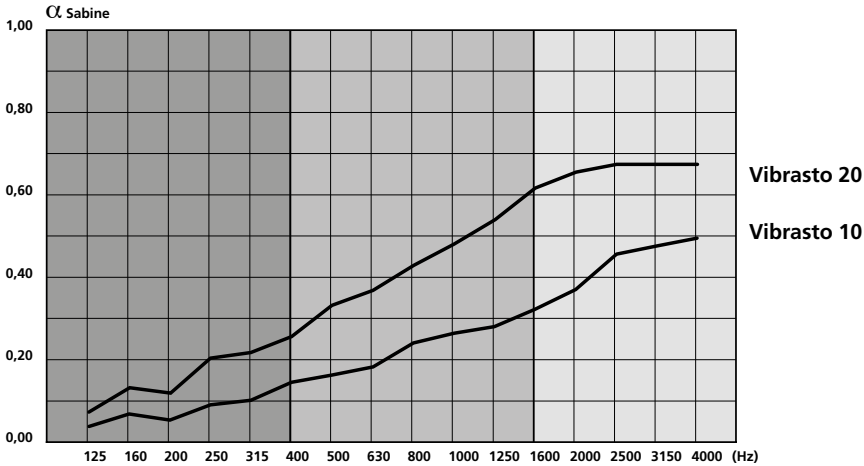
Vibrasto 10 and **20** are made from an outer layer of **Aeria*** laminated onto a 10 or 20 mm layer of sound absorbing foam. They not only offer exceptional sound absorption, but are sufficiently flexible to be fitted round any curve or angle.

width 1,500 mm

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

--- ACOUSTICS

For Vibrasto 10 and 20 glued to concrete



Frequencies (Hz)	α_w	Class	NRC	125	250	500	1 000	2 000	4 000	5000
Vibrasto 20	0,39 (H)	D	0,45	0,07	0,20	0,32	0,48	0,65	0,67	0,66
Vibrasto 10	0,25 (H)	E	0,25	0,04	0,09	0,16	0,26	0,37	0,49	0,56

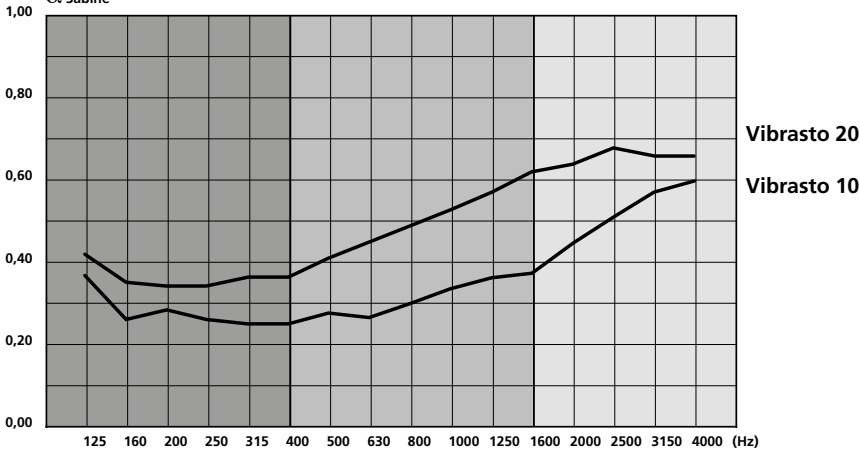
Test report available on request – Standard NF EN 20354/ISO 354

ACOUSTICS

for Vibrasto 10 and 20

glued to plasterboard, screwed to a frame with a 45-mm base layer of mineral wool

α Sabine



Frequencies (Hz)	α_{wv}	Class	NRC	125	250	500	1 000	2 000	4 000	5000
Vibrasto 20	0.50 (H)	D	0.50	0.42	0.34	0.41	0.53	0.69	0.75	0,74
Vibrasto 10	0.35 (H)	D	0.35	0.37	0.27	0.28	0.33	0.49	0.69	0,81

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

This traditional support provides additional absorption at low frequencies.

TYPICAL SPECIFICATION SHEET

The acoustic treatment of the walls is provided by flame-retardant, non-dripping **Vibrasto** __ by **Texaa**® [specify 10 or 20]. Its coefficient of absorption α_w on concrete is ___ [specify 0.25 (H) or 0.39 (H)]. Its total thickness is ___ [specify 12 or 22 mm].

The acoustic treatment of the ceilings is provided by flame-retardant, non-dripping **Vibrasto 10** by **Texaa**®, consisting of an **Aeria** knitted fabric vacuum bonded to SI foam underlay. Its coefficient of absorption α_w on concrete is 0.25 (H). Its total thickness is 12 mm.

Fire rating

- Vibrasto 10 mm : B-s3, d0
- Vibrasto 20 mm : C-s3, d0

Colours

Select from the range of 24 round knit colours

Professionals involved

shopfitters, joiners, wall covering/ceiling contractors.

INSTALLATION

Vibrasto cannot conceal cavities, bumps or other surface irregularities; the support surfaces must therefore be level, clean and airtight. The surface must also be compatible with the application of a bonded soft covering. Low angled light must be avoided.

Around openings (doors and windows)

Openings must be framed with mouldings at least 2 mm thicker than the **Vibrasto**, or by a finishing element selected by the architect.

Skirting

The skirting support must be at least 2 mm thicker than the **Vibrasto**.

Electrical fixtures (for Vibrasto 20)

Outlets, switches etc. must be fixed to blocks to stand 25 mm off the support surface.

Joints

The seams between any two strips of fabric are produced as pencil line joints.

The overhanging edges of the **Aeria** fabric are inserted into U-section profiles running along these seams.

– centre-to-centre distance: 1,500 mm

Butted edges

The covering shall be butted up against the ceiling (or another wall).

Outside 90° corner

The covering is flexible enough to be bent around a 90° corner.

Press down the covering firmly on both sides of the corner to ensure satisfactory bonding.

Ingoing 90° corner

One strip of covering is butted into the corner.

The next strip is butted against the face of the first strip.

Visible sides (optional)

Any visible sides of the covering can be concealed with L-shaped profiles covered with matching **Aeria** fabric (20 mm wide).

Remarks

The different batches of a same color may show very slight variations; ordering details must therefore imperatively take it into consideration, room per room.

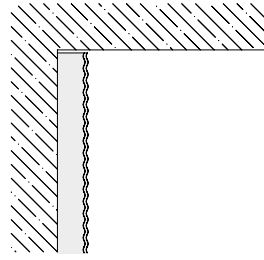


Vibrasto 20 mm

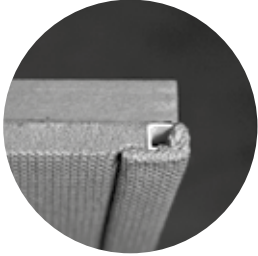
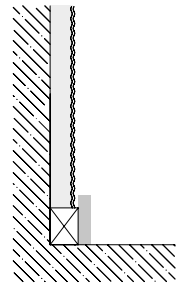


Pencil line joint

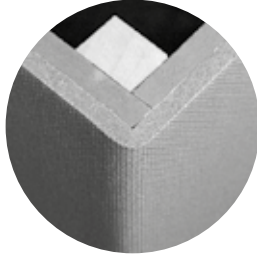
top



bottom

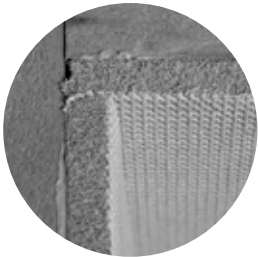
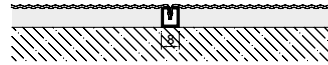


L-clip-on profile fabric wrapped

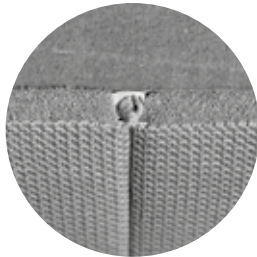


outgoing angle

Central joint /
Centre to centre 1,500 mm

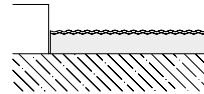


Ingoing angle

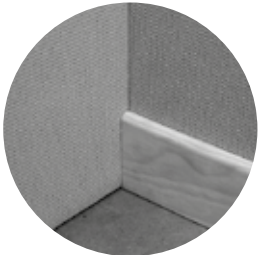
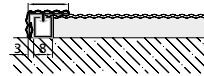


detail of a pencil line joint

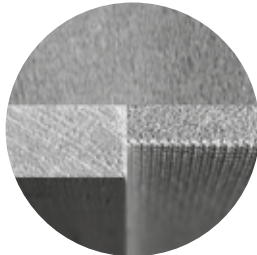
side



Visible side (optional)



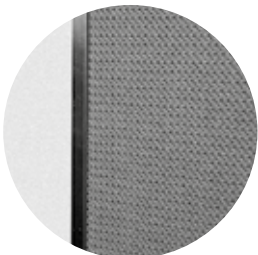
skirting



butted up to a joinery
element

outgoing angle

ingoing angle



aluminium edging

