

CREATING AREAS OF CALM:
ACOUSTIC DIVIDER VARIO
FOR FEWER DECIBELS AND
MORE CREATIVITY.



“ACOUSTIC DIVIDER VARIO HELPS TO IMPLEMENT THE WISH FOR FLEXIBLE SOUND INSULATION AND CUSTOMISABLE SOUND ABSORPTION FOR ZONING IN A MORE THAN ATTRACTIVE WAY.”

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INNOVATIVE SYSTEM FOR ACOUSTIC PRIVACY

Structuring zones, reducing noise exposure and improving acoustic privacy: In rooms with high noise levels, Création Baumann's Acoustic Divider Vario with NoiseSilencer creates attractive islands of calm. This innovative all-in-one system is the textile solution to simply, effectively and stylishly design the optimum sound ratio.



🔊 Concentrating to develop ideas, making phone calls in peace and quiet, holding a productive meeting. If you are looking for quiet areas, you will find them behind Acoustic Divider Vario.

🔊 Where many people communicate, such as in open-plan offices, noise levels tend to be high. Acoustic Divider Vario offers a solution here.

NOISE CREATES STRESS

In public spaces or at home: A high level of noise exposure can impact your emotional well-being and mental potential. Création Baumann's Acoustic Divider Vario with NoiseSilencer easily creates areas of calm with a noise reduction of up to 16dB.

WHY NOISE LEVELS RISE

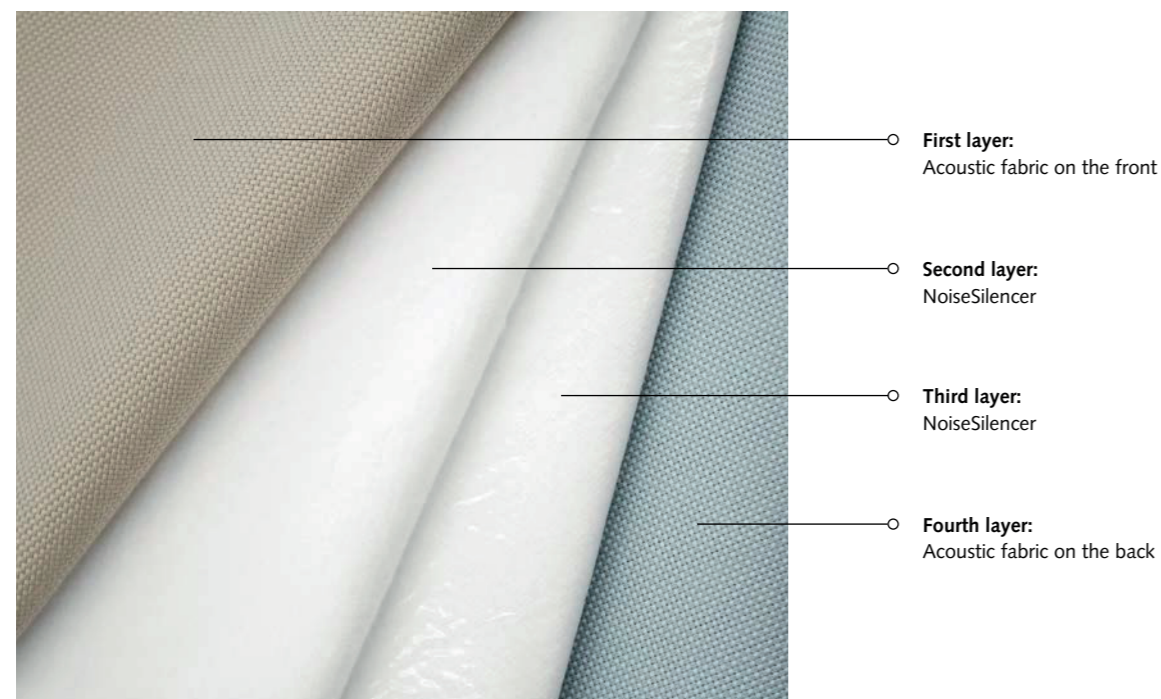
More spaciousness, more room for manoeuvring, more creativity. The trend for open space in architecture brings new levels of freedom, but they are not always a plus: Open rooms and smooth surfaces such as glass or concrete increase sound volumes and lead to more noise exposure. Medical science finds high values alarming: Studies show that they impact your well-being and that a high level of noise can reduce your mental potential by 10 to 15 percent.

USING TEXTILES FOR REDUCING NOISE

Up to now, acoustically dividing spaces used to involve extensive and expensive construction work. Création Baumann, an innovation leader in developing functional textiles, has created a textile and therefore a significantly more cost-efficient solution for effectively, flexibly and attractively subdividing a room's soundscape: Acoustic Divider Vario with NoiseSilencer.

LAYER BY LAYER LESS NOISE

Acoustic Divider Vario features an acoustic fabric on its front and back. In between we place one or two layers of NoiseSilencer made from flame-retardant Molton coated with a special film. This composition effectively insulates sound.



For dividing rooms with acoustic effectiveness:
Composition of Acoustic Divider Vario with NoiseSilencer

TEXTILE RECOMMENDATIONS

Acoustic Divider Vario is available in a wide range of variants. Création Baumann recommends five select textiles optimally suited for sound insulation, offering an unlimited variety of design options with more than 150 colours, various textures and diverse finishes.



ARNO

Robust fabric with multi-colour basket weave finish in 34 colours; elegant irregular polychromy with distinct texture and a soft feel.

Material: 100% PLF CS flame-retardant
Fabric width: 140 cm
Weight: 381 g/m²
Sound reduction index: R_i 14 – 16 dB
Sound absorption: 0.90 aw
Flow resistance: 1421 RS=PA s/m

SECRET

Natural finish with a fine texture in 21 colours; linen finish and elegant fabric surface.

Material: 100% PLF flame-retardant
Fabric width: 300 cm
Weight: 358 g/m²
Sound reduction index: R_i 13 – 16 dB
Sound absorption: 0.85 aw
Flow resistance: 606 RS=PA s/m

SPORT

Classic base colour in 31 colours; dry, granular and matte surface thanks to double-thread plain weave.

Material: 70% PLF/30% PL flame-retardant
Fabric width: 300 cm
Weight: 270 g/m²
Sound reduction index: R_i 13 – 15 dB
Sound absorption: 0.80 aw
Flow resistance: 808 RS=PA s/m

PHANTOM PLUS

Elegant surface in 22 colours; smooth and delicately shimmering fabric surface.

Material: 100% PLF flame-retardant
Fabric width: 310 cm
Weight: 202 g/m²
Sound reduction index: R_i 13 – 15 dB
Sound absorption: 0.60 aw
Flow resistance: 664 RS=PA s/m

ALEX

Wool finish basket weave texture in 50 colours; plain and flecked nuances with a hard-wearing, brushed surface.

Material: 100% PLF CS flame-retardant
Fabric width: 140 cm
Weight: 339 g/m²
Sound reduction index: R_i 11 – 14 dB
Sound absorption: 0.80 aw
Flow resistance: 310 RS=PA s/m

Custom colours:

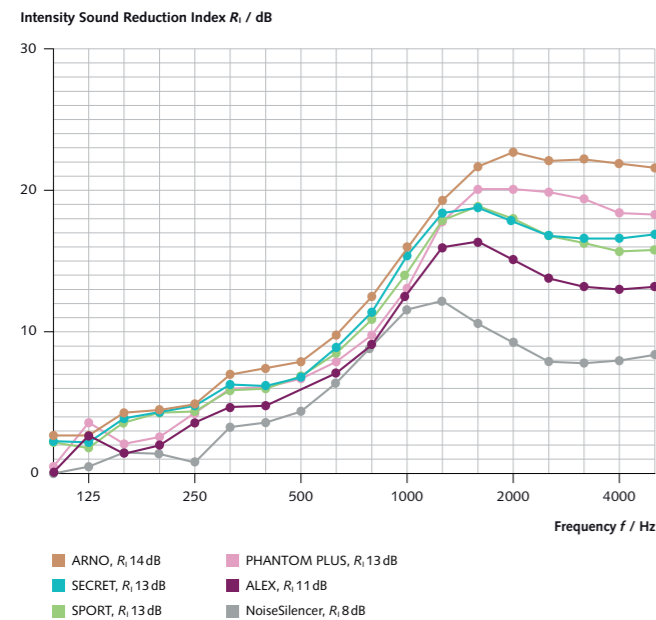
With larger order volumes, the fabrics recommended for Acoustic Divider Vario are also available in custom colours.

WITH PROVEN EFFECTIVENESS

The five acoustic fabrics recommended by Création Baumann for Acoustic Divider Vario have been tested according to ISO 15186-1 (intensity sound reduction index), ISO 354/ISO 11654 (sound absorption) and DIN EN 29053/ISO 9053 (flow resistance). The results from the specialist laboratory speak for themselves.

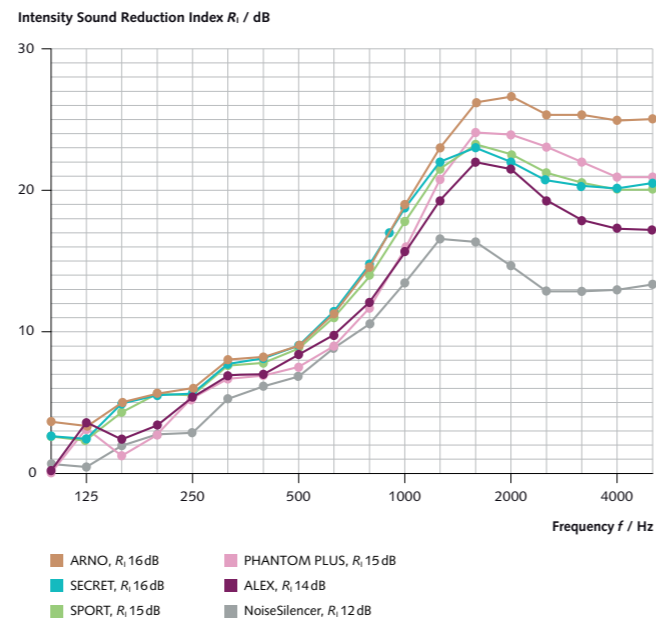
ACOUSTIC DIVIDER VARIO, 3 LAYERS

The measurement values with one layer of NoiseSilencer show a sound reduction of 11 to 14 decibels.



ACOUSTIC DIVIDER VARIO, 4 LAYERS

The measurement values with two layers of NoiseSilencer show a sound reduction of 14 to 16 decibels.



FINISHED AND READY FOR INSTALLATION

To achieve the values measured in the testing institute, Acoustic Divider Vario needs to be installed professionally. Création Baumann can deliver the divider – made to measure to custom requirements – as a readily finished product.

The metal rail for ceiling installation is available in two profile sizes, excelling in a high load capacity of 90 and/or 150 kg – straight or curved, in white or in grey. The rail has smoothly running internal custom castors and can be operated by hand or motor.



Bespoke textile sound insulation: Acoustic Divider Vario with two acoustic fabrics, NoiseSilencer and metal rail.

ISLANDS OF CALM

A multi-purpose room. A flexible space to withdraw for research. An open cultural centre with stage and café in close contact. A school building with a high noise level during break times. The applications showcase the various options for acoustically dividing spaces using Acoustic Divider Vario.



CREATING ZONES AS NEEDED

What to do for meetings and conversations if kitchen and shop are in the same room? At Store Makers Umdasch Shopfitting, Acoustic Divider Vario with TONY enables cooking and concentrated conferences all at the same time.

Photo: Weisswert, Basle, Switzerland



CONCENTRATED RESEARCH WORK

Good ideas often happen spontaneously. All the better then if you can create acoustically shielded zones. In Empa and Eawag's NEST research and innovation building in Dusseldorf, Germany, Acoustic Divider Vario quiets things down quickly and effectively.

Photo: Weisswert, Basle, Switzerland



STAGE BELOW, CAFÉ UPSTAIRS

The Kosmos cultural centre in Europaallee is Zurich's new hotspot for conversations, discussions and enjoyment. Between the salon on the landing – a book shop with café – and the stage below, an Acoustic Divider Vario with CALVARO ensures clearly separated acoustic conditions.

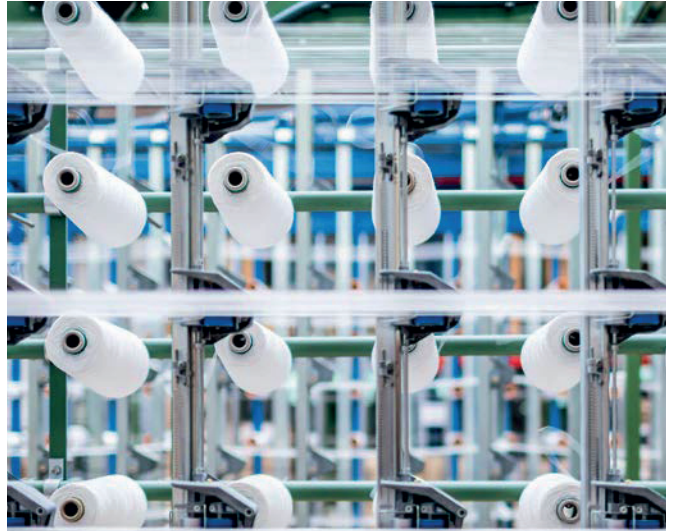
Photo: Weisswert, Basle, Switzerland



TEXTILE SPACE COMPOSITION

Another application option: the school. Where there is noise at break times, Acoustic Divider Vario can ensure that there is enough space for withdrawal. For example, using acoustic fabric SPORT, as seen in this photo. The location for the photo shooting was the Sântishalle hall in Arbon, Switzerland.

Photo: Daniel Ammann, St. Gallen, Switzerland



TEXTILE ACOUSTIC SOLUTIONS With over 90 acoustic fabrics in more than 2000 colours for sound absorption, Acoustic Divider Vario for sound insulation and acousticpearls' panel system, Création Baumann offers the complete portfolio for an acoustically highly effective textile space design – in private and in public spaces.

To discover the textile acoustic solutions by the Swiss innovation leader for developing functional fabrics, please visit our digital show room:
www.creationbaumann.com/acoustics



Used all over the world – our acoustic solutions

River Point Conference Center, Chicago, USA
 L'Osteria, Munich, Germany
 EY (Ernst & Young), Bern, Switzerland
 Hotel OD Talamanca, Ibiza, Spain
 NBBJ – Columbus Office, Columbus, USA
 Nestlé, Konolfingen, Germany
 Die Mobiliar Generalagentur, Zurich, Switzerland

Further testimonials: www.creationbaumann.com/references



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