

# ACOUSTIC DIVIDER VARIO: IN EVEN MORE VARIANTS FOR ROOM PARTITIONING AND AREAS OF CALM



OBJECT: Stapferhaus, Lenzburg, Switzerland  
CONCEPT: Pool Architekten / Schlegel & Co AG  
PRODUCT: Acoustic Divider Vario with ALEX

*création* **baumann**

# REASSURINGLY INNOVATIVE

Création Baumann has set a new standard in acoustic room partitioning with the Acoustic Divider Vario. The innovative solution enables effective noise reduction, even with the greatest freedom of choice in the design of areas of calm. Time to open a new chapter in the success story – thanks to even greater individuality in textiles, assembly and planning.

## ENHANCED CHOICE OF FABRICS

Even more textiles are now available for the Acoustic Divider Vario. Choose from over 90 acoustic fabrics in many colours and textures – all with the best qualities in terms of material, workmanship and functionality.

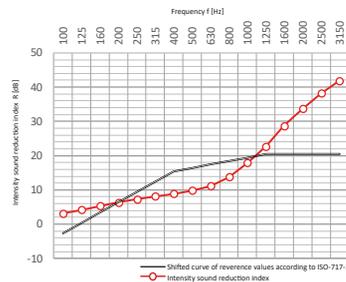


## MEASURABLE VALUES

Création Baumann has developed a simulation software in cooperation with the University of Lucerne (Engineering and Architecture) that calculates the noise reduction for any textile combinations.

Calculation Results

| Frequency [Hz] | R <sub>w</sub> 1/2 Octave R [dB] |
|----------------|----------------------------------|
| 100            | 3.2                              |
| 125            | 4.2                              |
| 160            | 5.3                              |
| 200            | 6.3                              |
| 250            | 7.3                              |
| 315            | 8.1                              |
| 400            | 8.9                              |
| 500            | 9.9                              |
| 630            | 11.2                             |
| 800            | 13.8                             |
| 1000           | 17.9                             |
| 1250           | 22.7                             |
| 1600           | 28.7                             |
| 2000           | 33.6                             |
| 2500           | 38.2                             |
| 3150           | 41.8                             |



|   |   |
|---|---|
| Calculated and weighted intensity sound reduction index | R <sub>w</sub> (C, C <sub>2</sub> )<br>16.4 (-1; -1) dB |
|---|---|

## MORE INDIVIDUAL ASSEMBLY

In addition to assembly with pleats (additional 50%), the Acoustic Divider Vario can now also be used in a flat design without pleats (additional 15%). The textiles can be assembled upright on the floor or hanging.

More information at [www.creationbaumann.com/acoustics-adv](http://www.creationbaumann.com/acoustics-adv)

## INTEGRATED EXPERTISE

Our experts know how to integrate the options and benefits of the Acoustic Divider Vario into the architectural design. You too can benefit from our expertise in textiles, space planning and acoustic optimisation.

For personal advice: [mail@creationbaumann.com](mailto:mail@creationbaumann.com)



### First layer:

Acoustic fabric assembled upright on the floor or hanging  
Side seam variant with piping (four colours available)

### Second and third layer:

NoiseSilencer with a protective strip,  
flush with the floor

### Fourth layer:

Acoustic fabric assembled upright on the floor or hanging  
Standard side seam variant

### Handle:

Handle for easy opening and closing