

# SOUND BALANCE ACOUSTIC BOARD

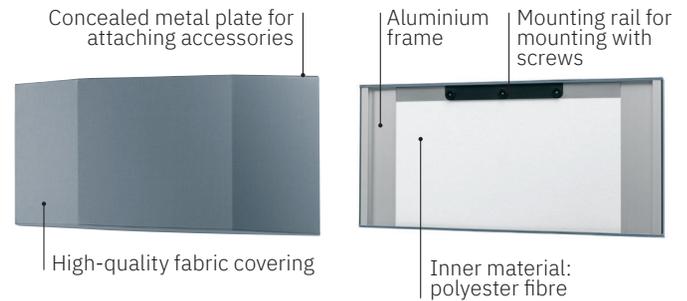
Product data sheet



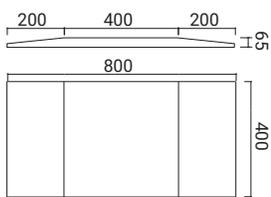
work inspired

## Product description

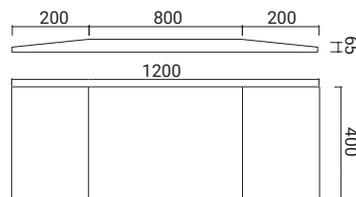
Effective acoustic board to optimize the room acoustics in open-plan offices. The inner core is made of thermal compressed polyester fibre; the product has a concealed aluminium frame and is covered with high-quality fabric. With a pre-attached mounting rail on the back and plastic wall rail for simple wall-mounting.



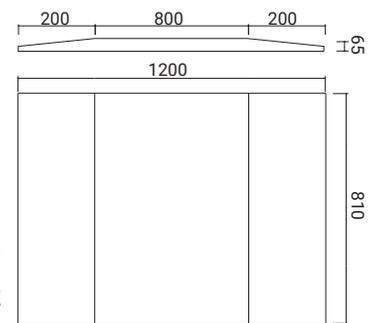
## Formats and weights



SB200 / SB201 / SB202  
W x h x d: 800 x 400 x 65 mm  
Weight: 4480 g



SB220 / SB211 / SB212  
W x h x d: 1200 x 400 x 65 mm  
Weight: 6880 g



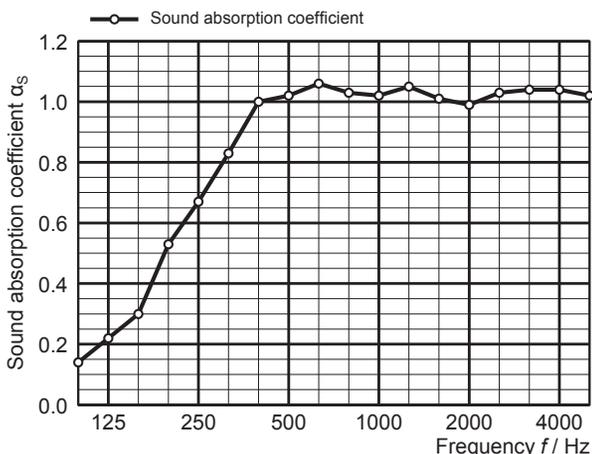
SB220 / SB221 / SB222  
W x h x d: 1200 x 810 x 65 mm  
Weight: 9620 g

## Sound absorption material

- Thermal compressed polyester fibre
- deal acoustic properties (specific flow resistance  $R_s = 1240 \text{ Pa s/m}$ )
- Pollutant-free as defined by the REACH regulation

## Acoustic performance

The acoustic walls comply with sound absorption class A (rated sound absorption coefficient  $\alpha_w$  according to DIN EN ISO 11654 = 1.00). The acoustic performance has been tested and certified by Müller-BBM, an independent institute for acoustics.



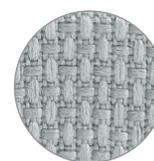
Rating according to ISO 11654: Weighted sound absorption coefficient $\alpha_w = 1.00$ Sound absorption class: A	Rating according to ASTM C423: Noise Reduction Coefficient $NRC = 0.95$ Sound Absorption Average $SAA = 0.94$
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## Fabric quality & colours

- High-quality, synthetic polyester fibres
- Robust, abrasion-resistant and easy to clean
- Clean with a wet or dry cloth
- Pollutant-free as defined by the REACH regulation
- In 3 muted colours for modern interior design



dark grey



light grey



light blue

## Product safety

- GS-approved product safety certified by TÜEV Sued Product Service GmbH
- TÜEV-approved product properties according to DIN EN 1023-1:1996, DIN EN 1023-2:2001, DIN EN 1023-3:2001
- High-quality, low-polluting materials, high stability and a secure hold on the wall



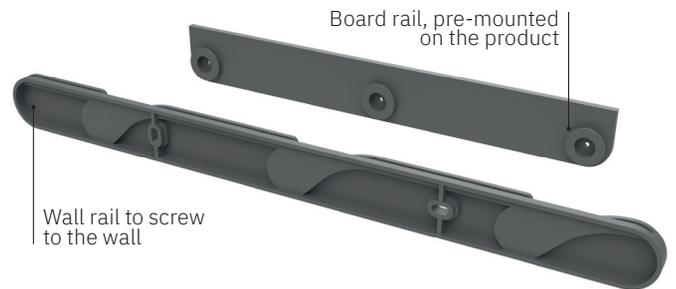
# SOUND BALANCE ACOUSTIC BOARD

Product data sheet

## Mounting

The acoustic boards can be mounted with screws onto even, load-bearing walls. To do so, simply screw the plastic mounting rail to the wall using the enclosed mounting set. Then slide the pre-mounted rail on the back of the board into the wall rail. The acoustic board will hold securely in place.

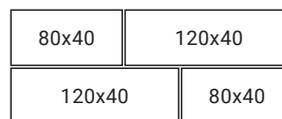
This quick mounting system, developed especially for the Sound Balance products, makes the mounting process fast and uncomplicated. It also makes it easier to create a large sound absorption surface.



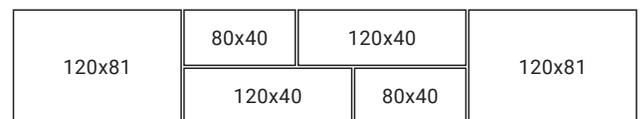
## Mounting a large sound absorption surface

The formats of the acoustic boards have been carefully coordinated. This means that all formats can be combined, making them ideal for creating a larger sound absorption surface. To create the best visual effect, we recommend a gap of 10 mm between the boards. This is required if you wish to attach the SIGEL magnetic functional accessories.

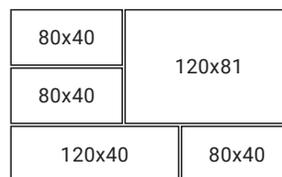
You will find examples of combinations at [www.sigel-acoustics.com](http://www.sigel-acoustics.com) and in the mounting instructions.



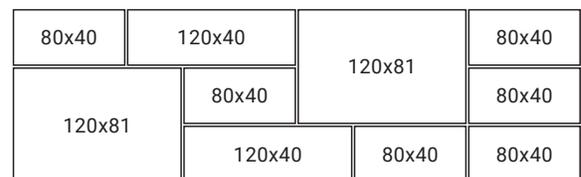
Total surface 201x81 cm



Total surface 443x81 cm



Total surface 201x122 cm



Total surface 403x122 cm

## Product quality

All products in the Sound Balance range are of high quality and manufactured without visible seams. We pay the greatest attention to every detail of the manufacturing process. This means the Sound Balance products meet the highest standards of modern interior design and fulfil the SIGEL promise of top brand quality.

## Fire safety

The acoustic boards are classified as normal flammable materials according to DIN 4102-1 (classification B2). Fire behaviour according to DIN EN 13501-1 is certified as Class E (normal flammable materials).

## Multifunctionality

The surface of the acoustic board is easy to use for exchanging ideas and collaborative work. To this end, SIGEL provides an intelligently designed accessories range, developed especially for Sound Balance, consisting of flipchart hooks (prod. code SB700), a writing panel (prod. code SB710) and storage box (prod. code SB720). These accessories are easy to attach to the acoustic board by means of their integrated magnet. In addition to this, the surface of all Sound Balance acoustic products can be used as a pinboard.



SB700 Flipchart hooks



SB720 Storage box

Subject to changes and variations.