

# SOUND BALANCE ACOUSTIC TILE

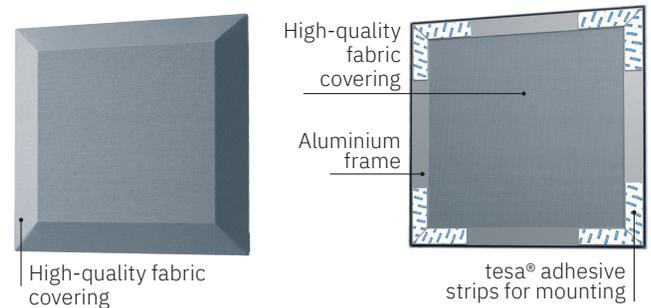
Product data sheet



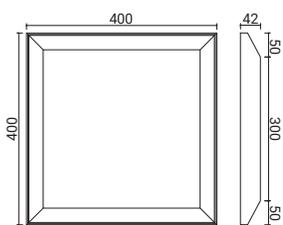
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## Product description

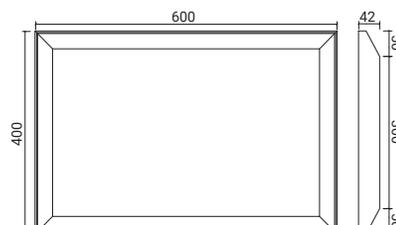
Effective acoustic wall-mounted sound absorber to optimize the room acoustics in open-plan offices. The inner core is made of thermal compressed polyester fibre; the product has a concealed aluminium frame and is covered with high-quality fabric. With pre-mounted original tesa® adhesive strips on the back for mounting without screws. The tiles can be removed and reused.



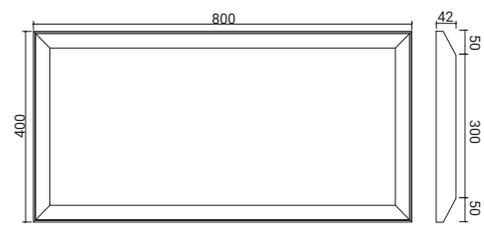
## Formats and weights



SB100 / SB101 / SB102  
W x h x d: 400 x 400 x 42 mm  
Weight: 1550 g



SB110 / SB111 / SB112  
W x h x d: 400 x 600 x 42 mm  
Weight: 2130 g



SB120 / SB121 / SB122  
W x h x d: 400 x 800 x 42 mm  
Weight: 2650 g

## Sound absorption material

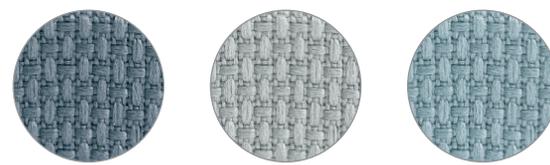
- Thermal compressed polyester fibre
- Ideal acoustic properties (specific flow resistance  $R_s = 1240 \text{ Pa s/m}$ )
- Pollutant-free as defined by the REACH regulation

## 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

## Acoustic performance

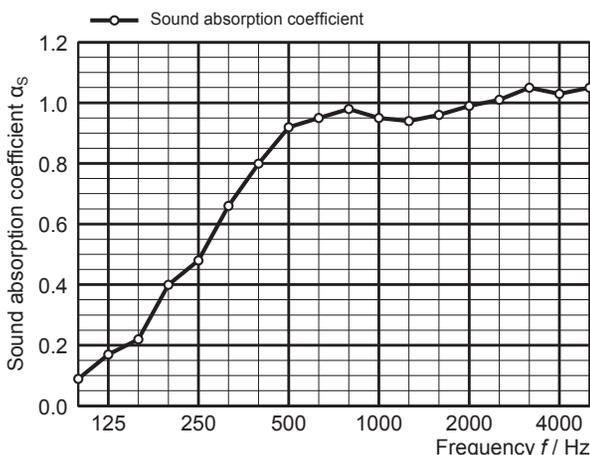
The acoustic walls comply with sound absorption class B (rated sound absorption coefficient  $\alpha_w$  according to DIN EN ISO 11654 = 0.80). The acoustic performance has been tested and certified by Müller-BBM, an independent institute for acoustics.



dark grey

light grey

light blue



Rating according to ISO 11654: Weighted sound absorption coefficient $\alpha_w = 0.80 (H)$ Sound absorption class: B	Rating according to ASTM C423: Noise Reduction Coefficient $NRC = 0.85$ Sound Absorption Average $SAA = 0.84$
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## 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



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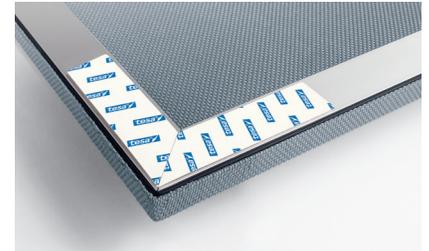
Product data sheet



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## Mounting

Each acoustic tile comes with special tesa® brand adhesive strips on the back. They make it quick and simple to attach the wall absorbers to smooth surfaces that cannot be drilled. The tiles can be removed cleanly and reused. To reposition them, affix a new set of adhesive strips (SB 190).

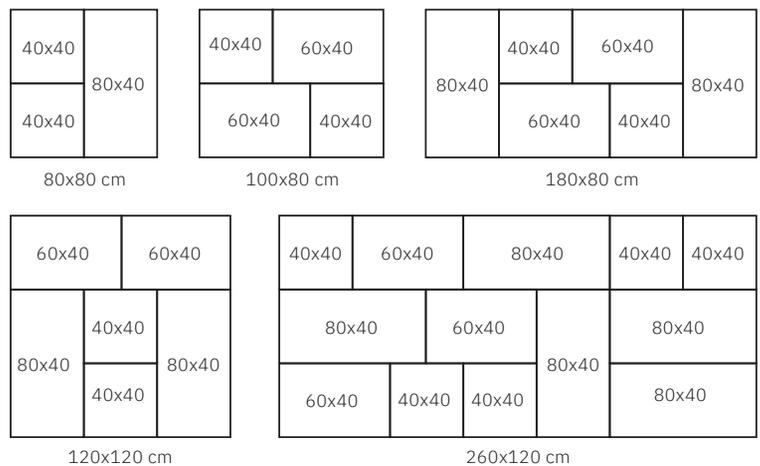


The acoustic tiles are only suitable for even, unbroken, load-bearing surfaces. This includes smooth wall surfaces such as tiles, concrete and smooth panelling systems, and other smooth surfaces such as glass, plastic, varnished wood and smooth furniture.

## Mounting a large sound absorption surface

The formats of the acoustic tiles have been carefully coordinated. This means that all formats can be combined, making them ideal for creating a large sound absorption surface.

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



## 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 tiles 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 tiles can be used as a pinboard, allowing the exchange ideas and collaborative work. We recommend SIGEL brand pins (MU 190).

Subject to changes and variations.