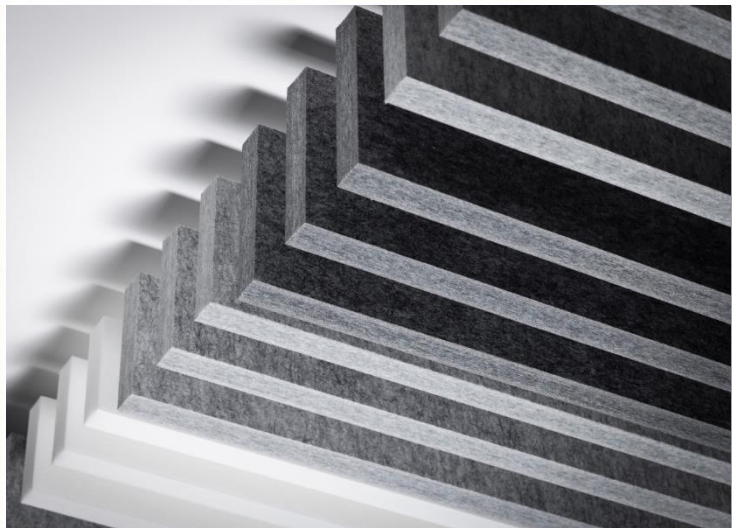


Product data sheet

MUTE+[®] board S40-B

Sound absorber
made of polyester





MUTE+[®] board S40-B

Sound absorber made of polyester, baffle, 40 mm

Der Schallabsorber MUTE+[®] board S40-B sorgt für Ruhe in Ihren Räumen. Auch nachträglich lassen sich die Baffeln ganz einfach montieren und sorgen so für eine bessere Raumakustik. Die senkrecht von der Decke abgehängten Baffeln sind in fünf verschiedenen Farben erhältlich. Die Absorberlösung aus Polyester ist besonders nachhaltig: die Baffeln sind recycelbar, mineralfaserfrei und schadstoffgeprüft.nach Oeko-Tex[®] Standard 100. Die einzelnen Elemente sind in einer Länge bis zu 3.000 mm erhältlich und lassen sich auf Wunsch auch miteinander verbinden. Neben geraden Baffeln lassen sich auch geschwungene Formen realisieren.

- sound absorber class: D - A
- free of mineral fibre, suitable for people suffering from allergies
- tested for harmful substances according to Oeko-Tex[®] standard 100
- 100 % recyclable
- 100 % reusable
- 90° corners, alternatively rounded corners



Technical data

Shape	rectangular
Corner	90°
Material	polyester
Weight	approx. 4,000 g/m ²
Serviceability	removable without tools
Design options	digital print, engraving



Ceiling elements

MUTE+® board S40-B Type 1			
Individual baffle			
Length (L)	300 - 3,000 mm		
Width (B)	40 mm		
Height (H)	100 - 1,000 mm		
MUTE+® board S40-B Type 2			
Start baffle			
Length (L)	300 - 3,000 mm		
Width (B)	40 mm		
Height (H)	100 - 1,000 mm		
MUTE+® board S40-B Type 3			
Central baffle			
Length (L)	300 - 3,000 mm		
Width (B)	40 mm		
Height (H)	100 - 1,000 mm		
MUTE+® board S40-B Type 4			
End baffle			
Length (L)	300 - 3,000 mm		
Width (B)	40 mm		
Height (H)	100 - 1,000 mm		



Fire protection

Building material class

Building material class	DIN 4102	B1
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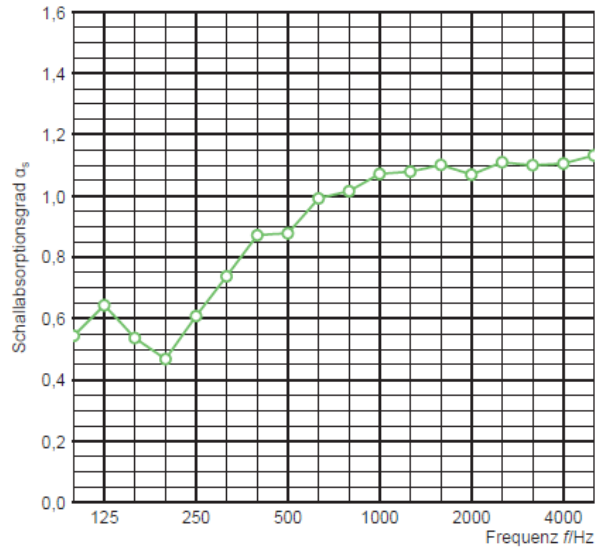
Acoustics

Room acoustics

Rated sound absorption coefficient	DIN EN ISO 354	α_w	0.55 - 0.90
Sound absorber class	DIN EN ISO 11654		D - A

Example: 18 baffles à 3,000 x 600 mm, centre distance 200 mm, total construction height 600 mm

Frequency f/Hz	α_s Third	α_p Octave
100	0.54	0.55
125	0.64	
160	0.54	
200	0.47	0.60
250	0.61	
315	0.74	
400	0.87	
500	0.88	0.90
630	0.99	
800	1.02	
1000	1.07	1.00
1250	1,08	
1600	1.10	
2000	1.07	1.00
2500	1.11	
3150	1.10	1.00
4000	1.11	
5000	1.13	



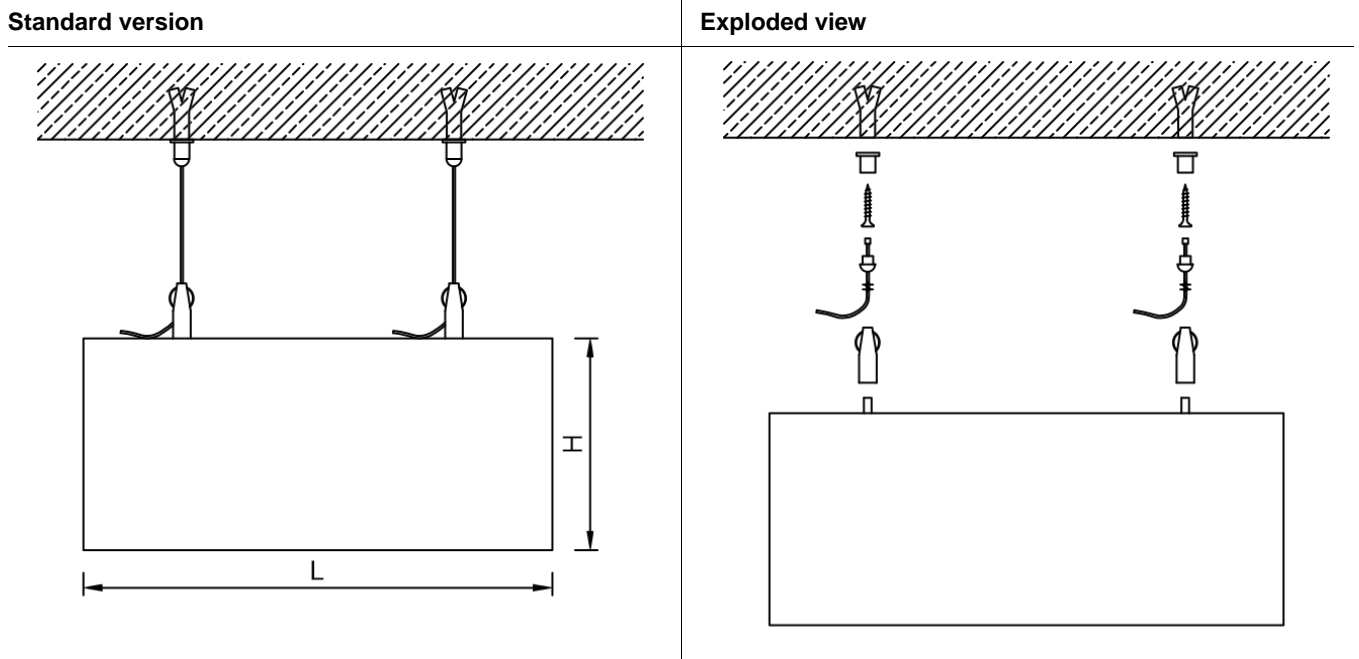
Room acoustics calculator

Over 150 tested acoustic measurements of our MUTE+[®] sound absorbers, including integrated audio simulation, are available in the room acoustics calculator.





Installation



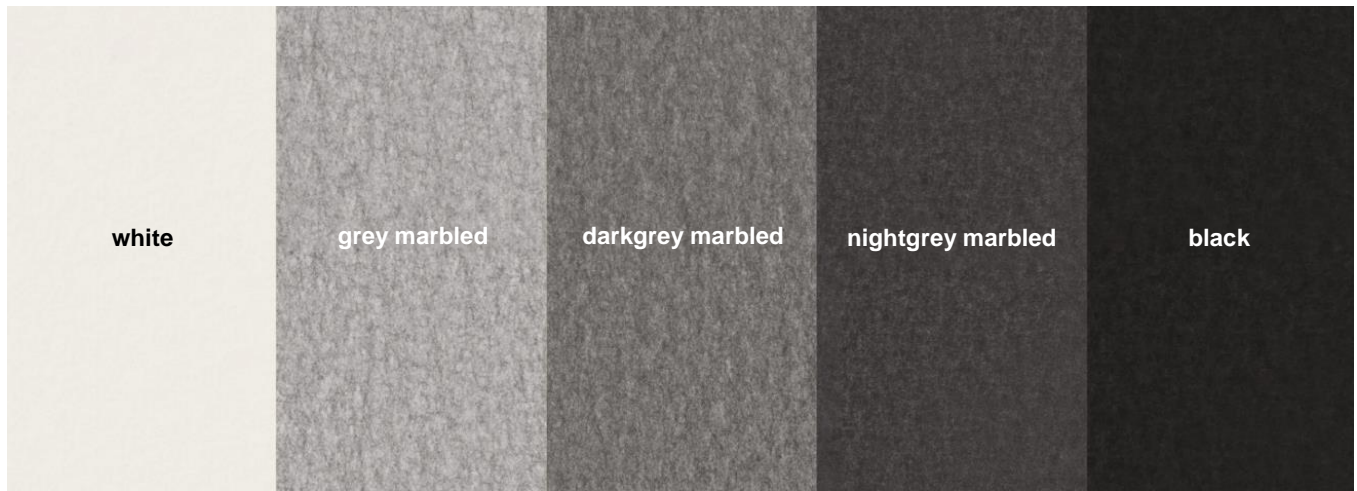
Notice: Fastenings may vary and are shown as examples.

Detail drawings for architects of the MUTE+[®] sound absorbers can be found in the [CAD portal](#).





Surfaces



Material	polyester	
Gloss level	white	4 - 5 GU
	grey marbled	3 - 4 GU
	darkgrey marbled	2 - 3 GU
	nightgrey marbled	1 - 2 GU
	black	1 - 2 GU

Notice: The visual appearance of the surfaces may vary depending on the monitor, print, lighting conditions and other environmental factors. Why not take the opportunity to order a sample and see for yourself how it meets your expectations.





Applications



Dimensionally stable, 3-layer polyester



Various colours and dimensions available

Project solutions

This product data sheet refers to the standard version of the product mentioned above.

We would be happy to work with you to find the right solution for your project. Adapted to your building project, you will receive a perfectly matched system. Project-specific constructions and adaptations can be found in the offer documents.