

Product data sheet

MUTE+[®] frame S40/R40-W

Wall absorber
made of polyester
with fabric cover
and frame



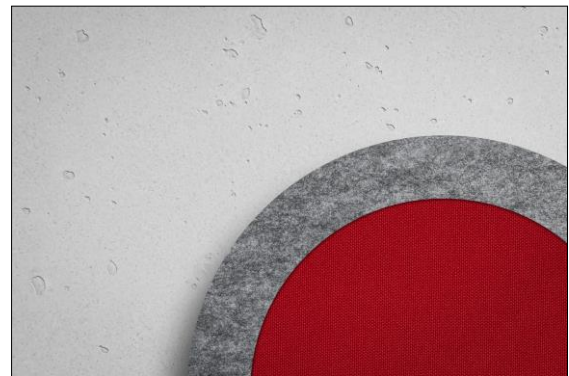
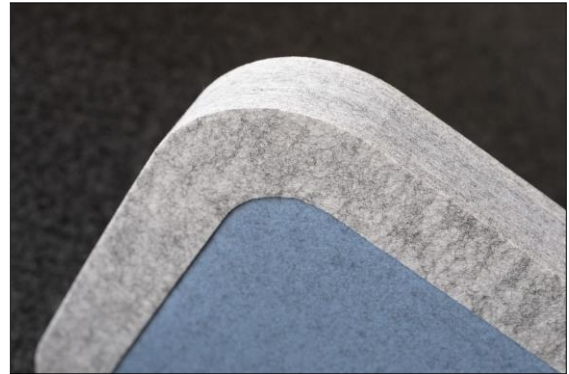


MUTE+[®] frame S40/R40-W

Wall absorber made of polyester with fabric cover and frame, square or round, 40 mm

With a wealth of colours and shapes, MUTE+[®] frame wall absorbers are more than just sound absorbers - they are creative works of art that enhance your room design. The patented design consisting of a frame and fabric cover allows you to create individual colour accents. The dimensionally stable wall absorbers are also characterised by outstanding acoustics and sustainable materials.

- colour accents due to visible frame
- many different colours and fabrics available
- patented system
- sound absorber class: 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



Technical data

System	MUTE+ [®] frame S40-W		MUTE+ [®] frame R40-W		
Shape	rectangular		round		
Standard dimensions	height	1,000 mm, 1,500 mm, 2,000 mm		diameter	750 mm, 1,000 mm, 1,250 mm, 1,500 mm
	width	1,000 mm			
Individual dimensions	height	300 - 3,000 mm	300 - 1,500 mm	diameter	300 - 1,500 mm
	width	300 - 1,500 mm	300 - 3,000 mm		
Thickness	40 mm		40 mm		
Corner	rounded, r = 70 mm		-		
Material	polyester, wool		polyester, wool		
Weight	approx. 4,500 g/m ²		approx. 4,500 g/m ²		
Serviceability	removable without tools		removable without tools		
Design options	digital print, pinnable, cut-outs		digital print, pinnable, cut-outs		



Fire protection

Building material class

Building material class absorber polyester	DIN 4102	B1
Building material class fabric polyester	DIN 4102	B1
Building material class fabric wool	DIN 4102	B2

Acoustics

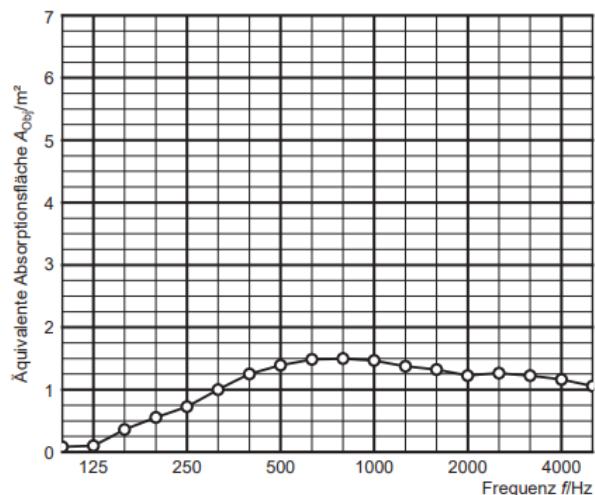
Room acoustics

Rated sound absorption coefficient	DIN EN ISO 354	α_w	1.00
Sound absorber class	DIN EN ISO 11654		A

Notice: The evaluation of α_w can only be carried out in dependence and therefore is only an orientation value.

Example: 3 wall absorbers à 1,000 x 1,000 mm, total construction height 48 mm

Frequency f/Hz	A_{obj} m ²
100	0.1
125	0.1
160	0.4
200	0.6
250	0.7
315	1.0
400	1.3
500	1.4
630	1.5
800	1.5
1000	1.5
1250	1.4
1600	1.3
2000	1.2
2500	1.3
3150	1.2
4000	1.2
5000	1.1



Room acoustics calculator

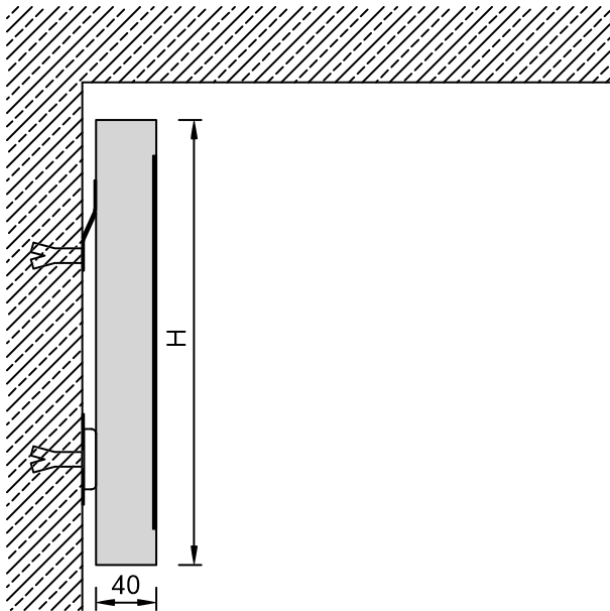
Over 150 tested acoustic measurements of our MUTE+® sound absorbers, including integrated audio simulation, are available in the room acoustics calculator.



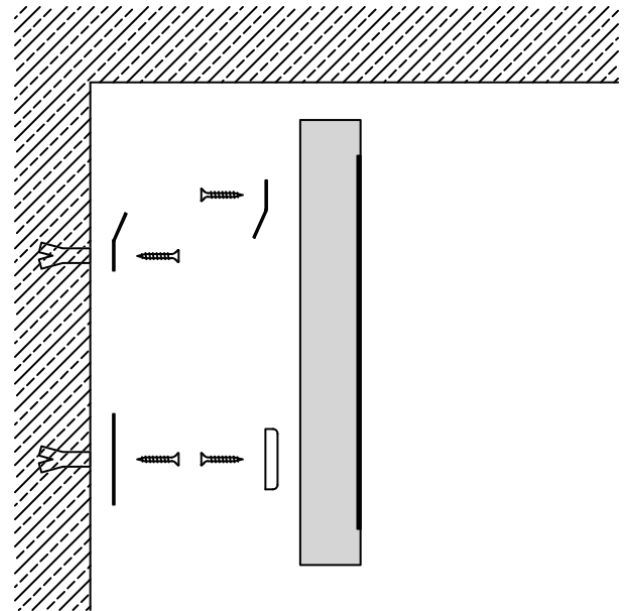


Installation

Standard version



Exploded view



Notice: Fastenings may vary and are shown as examples.

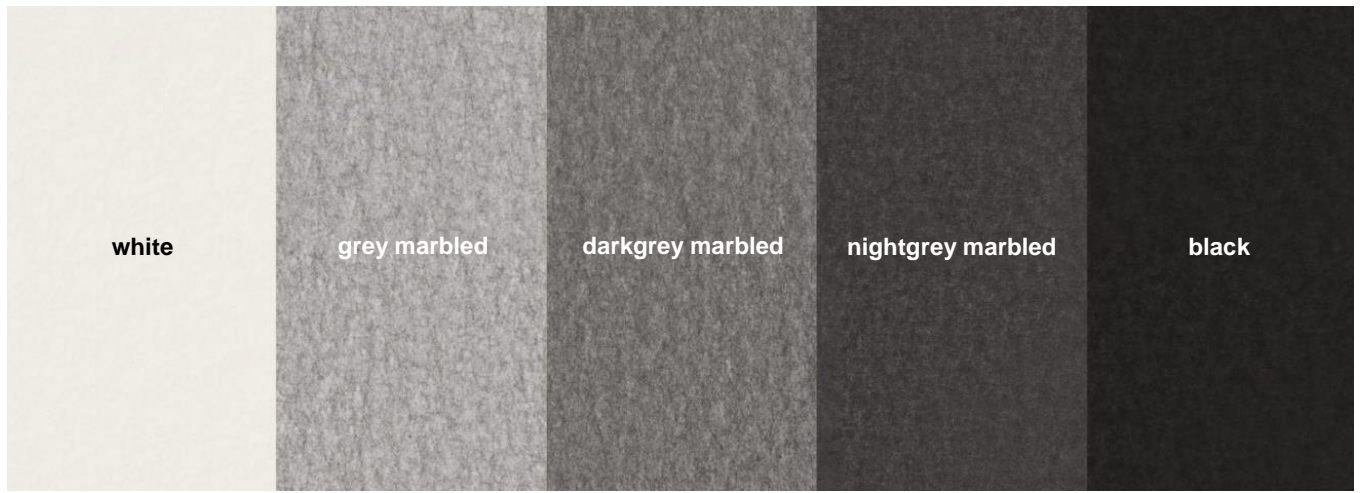
Detail drawings for architects of the MUTE+[®] sound absorbers can be found in the [CAD portal](#).





Surfaces

Frame colours



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

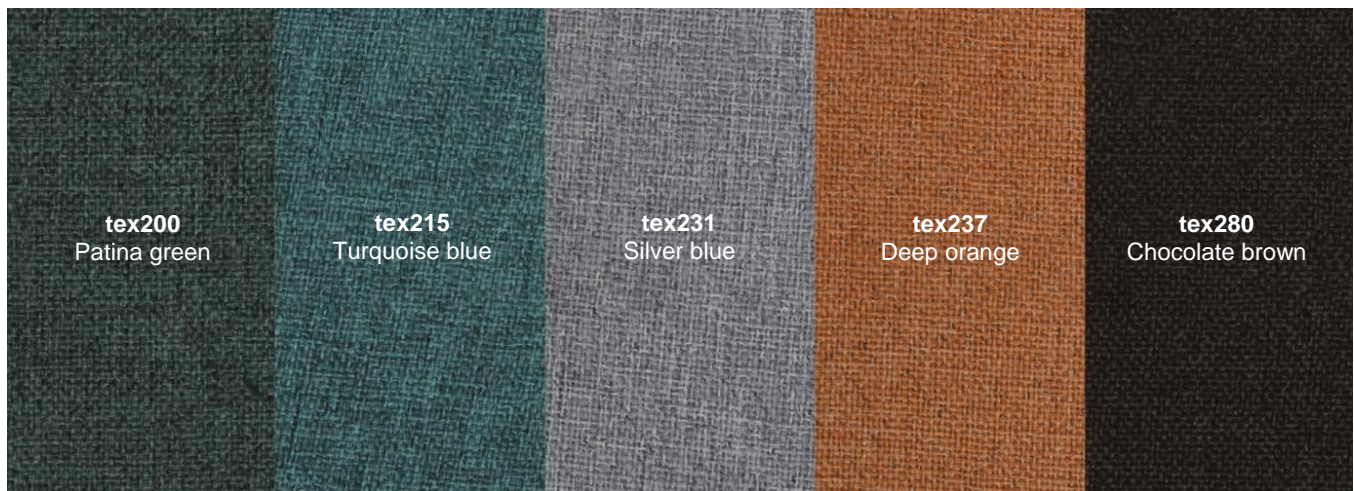


Fabric colours | tex100 - 199



Material	polyester
Light fastness	grade 5-6 acc. to DIN EN ISO 105-B02
Rub fastness	grade 4-5 acc. to DIN EN ISO 105-X12

Fabric colours | tex200 - 299



Material	polyester
Light fastness	grade 4 acc. to DIN EN ISO 105-B02
Rub fastness	grade 3-4 acc. to DIN EN ISO 105-X12

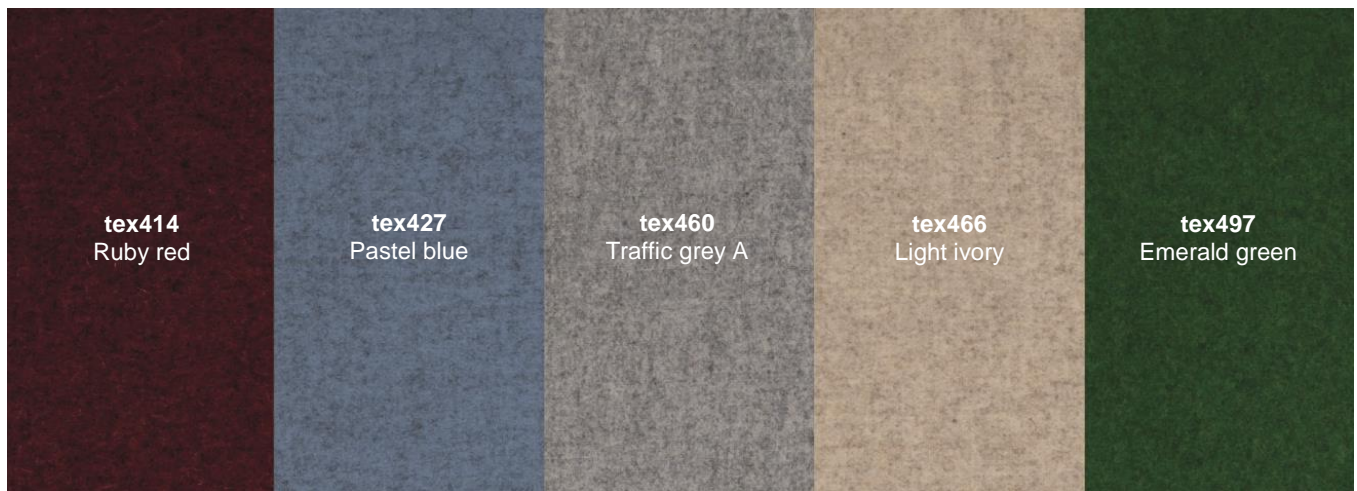


Fabric colours | tex300 - 399



Material	polyester
Light fastness	grade 5-6 acc. to DIN EN ISO 105-B02
Rub fastness	grade 4 acc. to DIN EN ISO 105-X12

Fabric colours | tex400 - 499



Material	wool
Light fastness	grade 5-6 acc. to DIN EN ISO 105-B02
Rub fastness	grade 4-5 acc. to DIN EN ISO 105-X12



Fabric colours | tex500 - 599



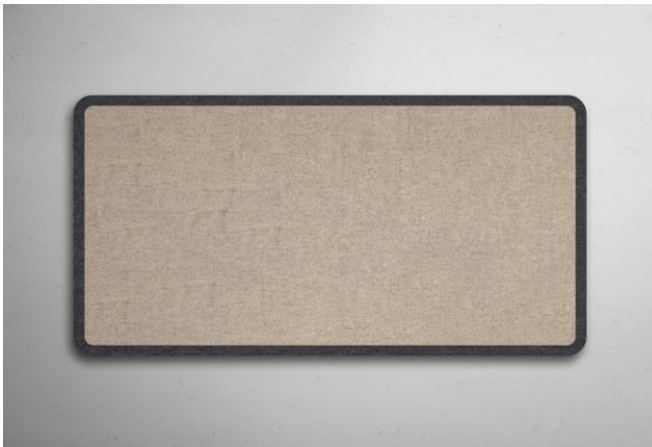
Material	polyester
Light fastness	grade 6±1 acc. to DIN EN ISO 105-B02

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



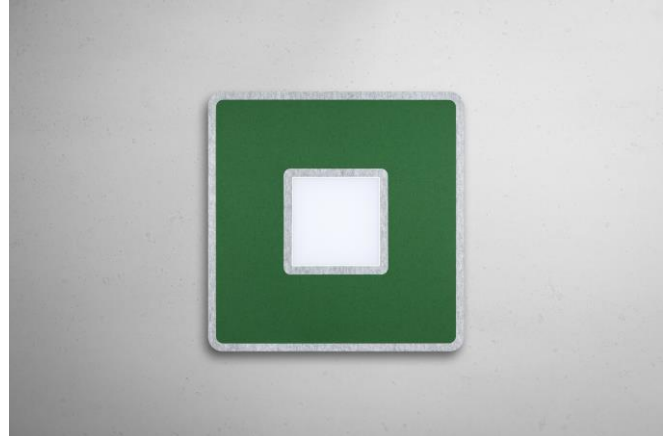
Large-format sound absorbers up to 3,000 x 1,500 mm



In square or round design



Individual colour combinations of fabric and frame



Integration of luminaires possible



Digital printing and cut-outs possible



Individual absorbers can be realised to suit customer wishes

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.