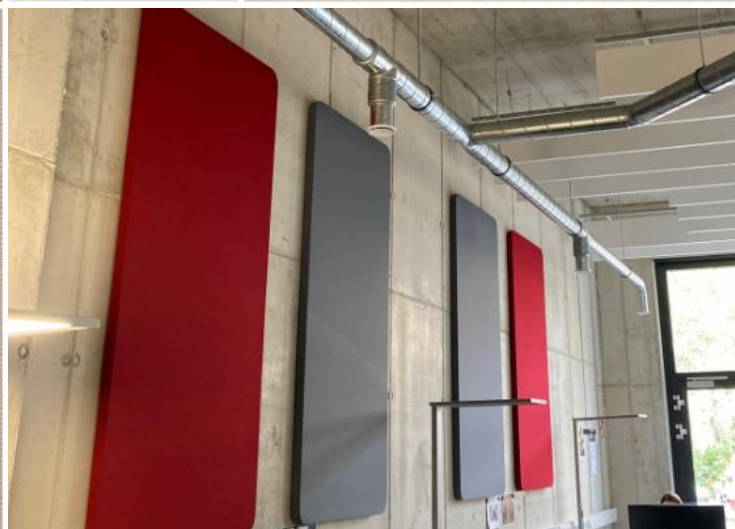


Product data sheet

MUTE+[®] skin S40/R40-W

Wall absorber
made of polyester
with fabric cover





MUTE+[®] skin S40/R40-W

MUTE+[®] skin S40/R40-W Elegance

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

With MUTE+[®] skin, you get a patented, elegant sound absorber with a fabric cover. The fabric is pulled over the edge to create a frameless, homogeneous surface. Choose your favourites from two elegant fabric types in numerous colours.

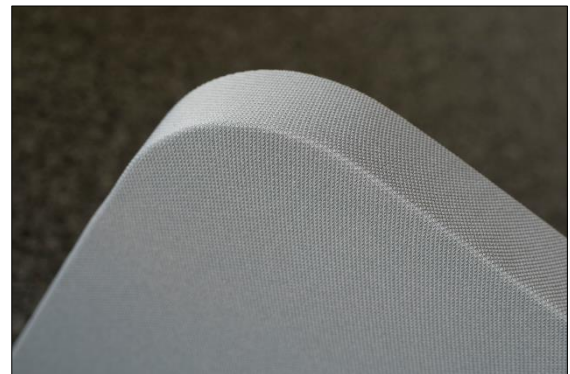
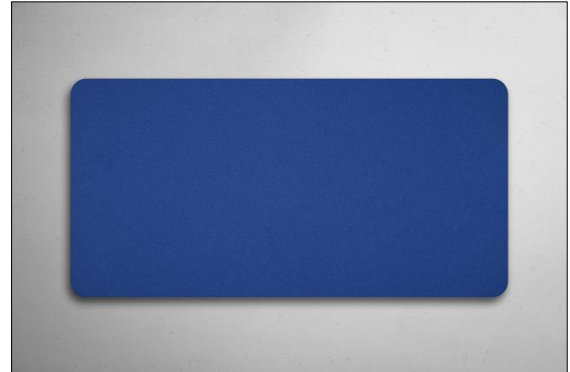
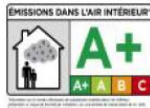
With its bevelled edges, the MUTE+[®] skin Elegance offers a slimmer, modern design without compromising on maximum functionality.

In addition to our standard dimensions, you can also customise the size and shape of your sound absorber.

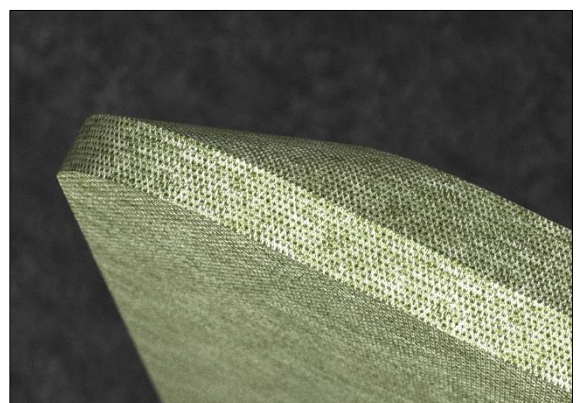
- patented system
- sound absorber class: B - A
- free of mineral fibre, suitable for people suffering from allergies
- tested for harmful substances according to Oeko-Tex[®] standard 100
- low VOC emissions: Indoor Air Comfort GOLD
- 100 % recyclable; 100 % reusable
- fabric drawn over the edge



STANDARD
100
S24-3191
Hohenstein HTTI



MUTE+[®] skin S40-W



MUTE+[®] skin S40-W Elegance



Technical data

System	MUTE+® skin S40-W			MUTE+® skin 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
	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	
Chamfer (only MUTE+® skin S40-C Elegance/ R40-C Elegance)	45°			45°	
Corner	rounded, r = 70 mm			-	
Material	polyester			polyester	
Recycled content	up to 20 %			up to 20 %	
Weight	approx. 4,500 g/m ²			approx. 4,500 g/m ²	
Serviceability	removable without tools			removable without tools	
Design options	pinnable, cut-outs			pinnable, cut-outs	



Fire protection

Building material class

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

Acoustics

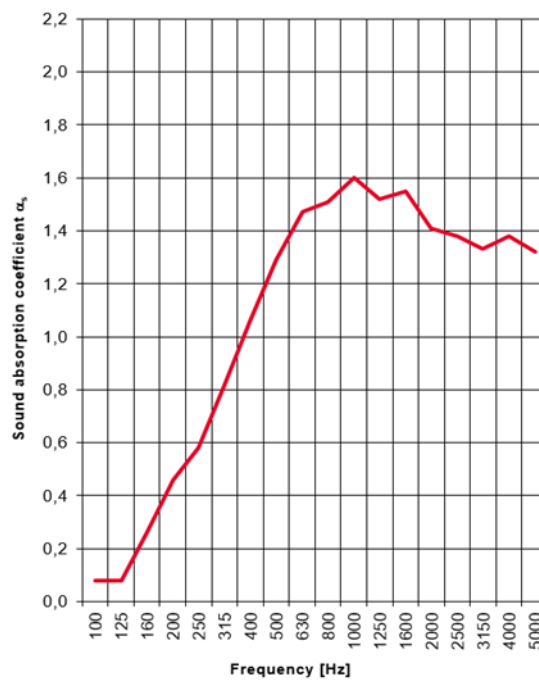
Room acoustics

Rated sound absorption coefficient	DIN EN ISO 354	α_w	0.80 - 0.90
Sound absorber class	DIN EN ISO 11654		B - 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	α_s Third	α_p Octave
100	0,08	0,15
125	0,08	
160	0,26	
200	0,46	0,60
250	0,58	
315	0,82	
400	1,06	1,0
500	1,29	
630	1,47	
800	1,51	1,0
1000	1,60	
1250	1,52	
1600	1,55	1,0
2000	1,41	
2500	1,38	
3150	1,33	1,0
4000	1,38	
5000	1,32	



Room acoustics calculator

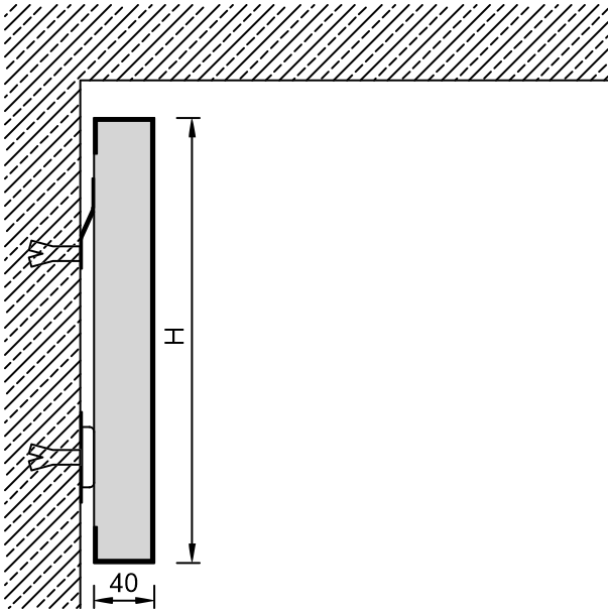
Over 150 tested acoustic measurements of our MUTE+® sound absorbers, including integrated audio simulation, are available in the room acoustics calculator.



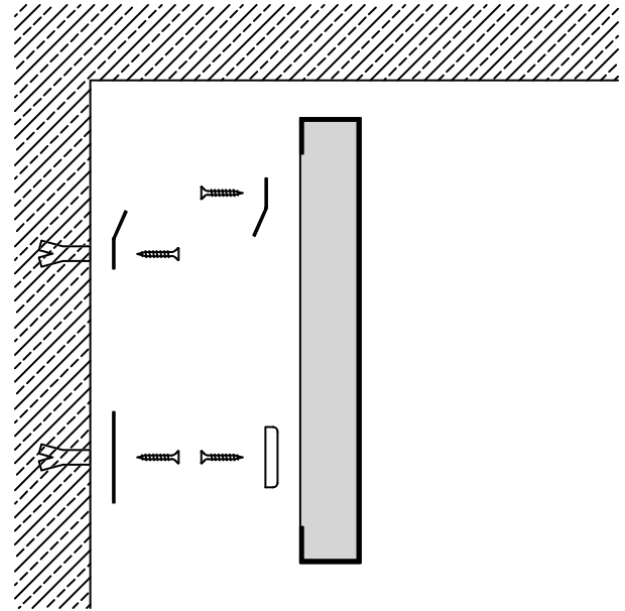


Installation

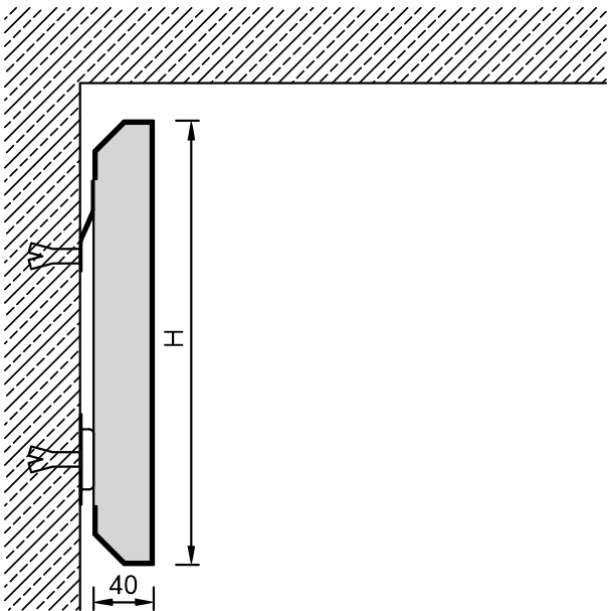
Standard version
MUTE+® skin S40-W



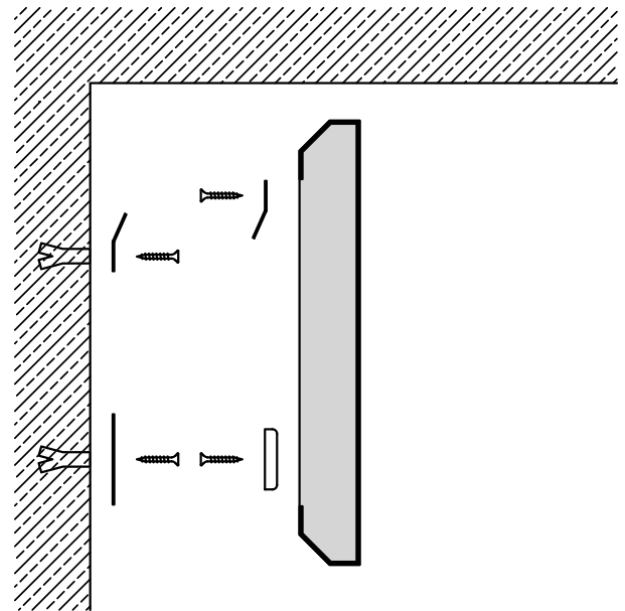
Exploded view
MUTE+® skin S40-W



Standard version
MUTE+® skin S40-W Elegance



Exploded view
MUTE+® skin S40-W Elegance



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](#).





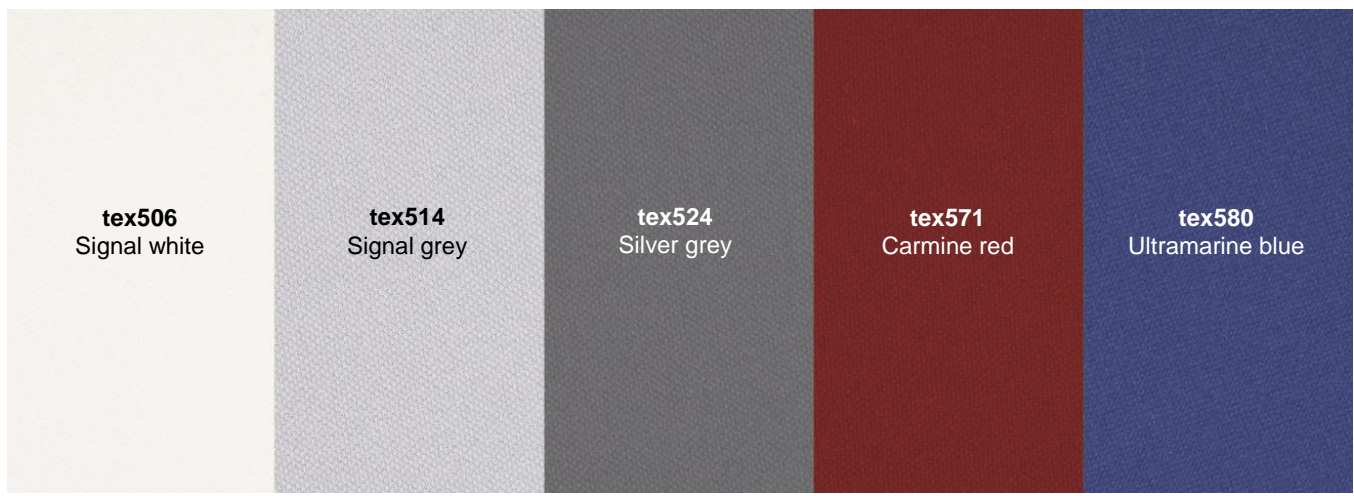
Surfaces - Fabrics

The following is an excerpt from our stock range (standard fabric colours).

Many other fabric colours per fabric group and fabric design can be found in our current brochure under "The magic of fabrics" or on request.



Fabric colours | tex500 - 599



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

Fabric colours | tex900 - 949



Material	polyester with a 75% recycled polyester content
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.





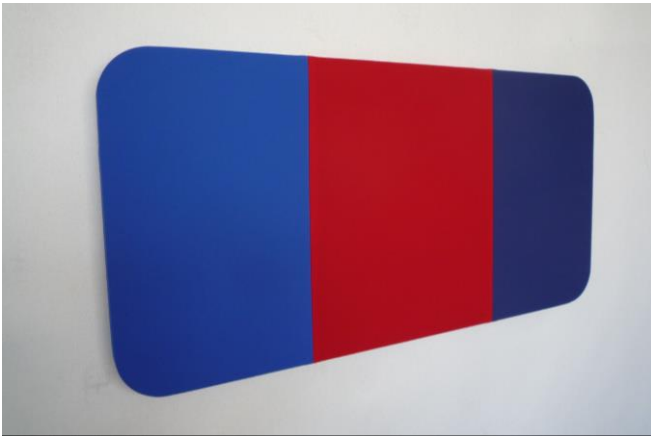
Applications



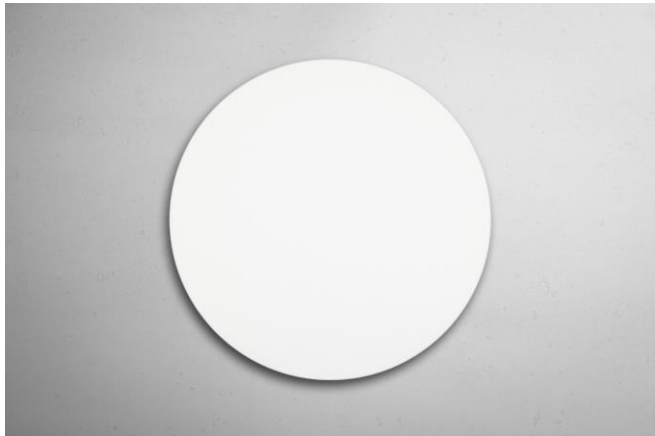
Fabric stretched over edge



Other fabric colours also available for specific projects



Individual customised solutions possible



In square or round design

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.