Up-Sorber Wall

architected sound

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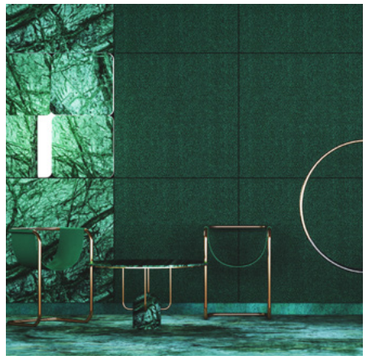
Unique creation of space

Publication: 2020

Up-Sorber Wall takes shape of a unique and functional composition of space with excellent sound-absorbing parameters.

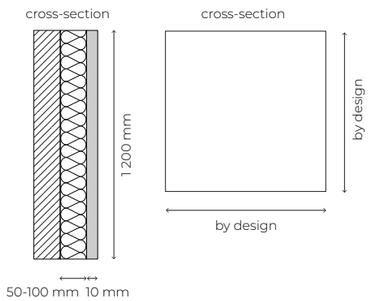
Up-Sorber Wall is a combination of sound absorption in a wide frequency range, acoustic comfort and individual design in a wide range of colours.



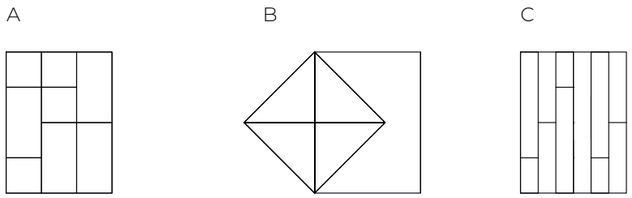
Up-Sorber Wall

absorption mid tones high tones

From single rectangular shapes to more sophisticated structures, this unique system gives you options to mount both on walls and ceilings. Up-Sorber Wall is made of specific sound-absorbing filling covered with acoustic textile providing variety of types, colours and textures. The greatest advantage of Up-Sorber Wall is it can be used in any room, preventing acoustical environment from the flutter echo.



pattern version



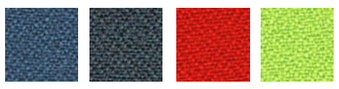
Size
adjusted to the individual project (max width 1 200 mm)

Weight
10 kg/m² at 90 mm depth

Material
textiles, mineral wool / PET / polyethylene foam, PVC strips

Textiles available according to the pattern book, in a wide range of colors, plain and patterned finishing materials.

sample colors



Designer
Architected Sound Team

Country of production
Poland

Category
absorption

Description
Up-Sorber Wall is a sound absorbing system designed for both walls and ceilings. It can take various of shapes and textures depending on an individual taste and acoustical needs.

Up-Sorber Wall consists of sound--absorbing material such as mineral wool and is finished with acoustically transparent textile fabric.

Up-Sorber Wall structure should be mounted with system battens on a wooden grid. Due to different character of each project the system requires specified mounting.
It ensures the reduction of the visibility of the mounting structure to a minimum.

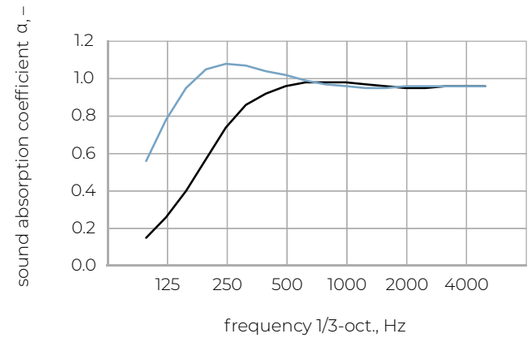
Sound absorption coefficient
$\alpha_{w,\,max}$ = 1.00

Application
Conference rooms, lecture rooms and classrooms, recording studios, emission and sound engineering rooms, individual and group rehearsal rooms, waiting rooms, halls, public and consumer spaces, open-space and domestic interiors.

Custom-made
The ability to precisely design the sound absorption characteristics by choosing the right fill and cover materials.
It is possible to make inlets for lighting, cables, ventilation grilles, etc.

Fire safety
Made of materials with flammability class at least B-s1 d0.

Architected Sound Up-Sorber Wall – sound absorption coefficients



Practical sound absorption coefficient α_p

frequency 1/1-oct.	———	———
125 Hz	0.75	0.25
250 Hz	1.00	0.70
500 Hz	1.00	0.95
1000 Hz	0.95	1.00
2000 Hz	0.95	0.95
4000 Hz	0.95	0.95

——— at 60 mm depth of the element *
——— at 90 mm depth of the element *

* results obtained from analytical calculations

People are attracted to distinct geometric shapes. UP-SORBER WALL sound-absorbing structure makes your interior exceptional in terms of visual design as well as acoustic comfort.

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