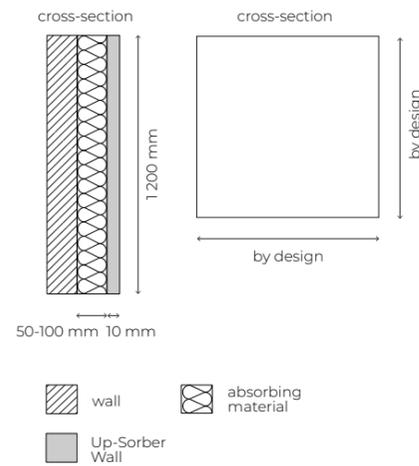


UP-SORBER WALL



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.



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.



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.

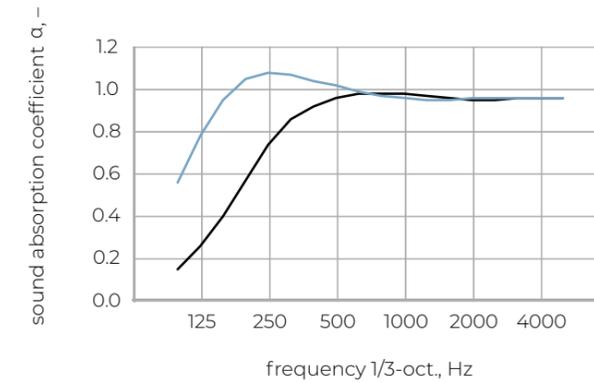
Sound absorption coefficient
 $\alpha_{w, max} = 1.00$

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.	— (90 mm)	— (60 mm)
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