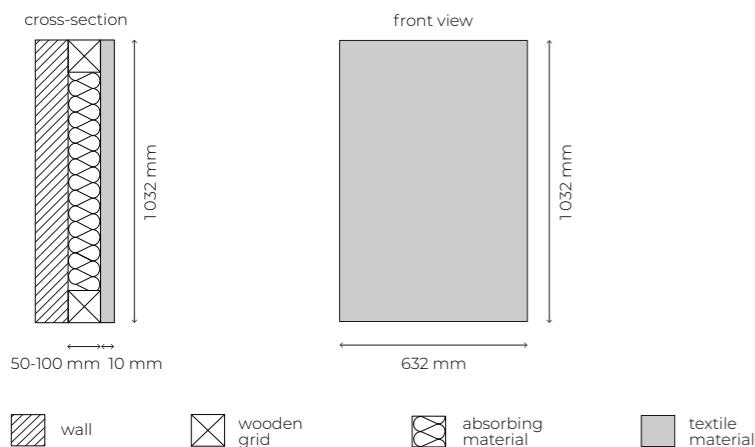


UP-SORBER PANEL



absorption mid tones high tones

Up-Sorber Panel is a timeless rectangular element designed to absorb middle and high frequency range and create comfortable, quiet environment. Despite its simple shape the possibilities are almost unlimited here – the structure consisting of Up-Sorber Panels can be designed as multicoloured composition of different panel dimensions, giving an individual character to any interior.



Size
standard dimensions:
632 x 1 032 x 100 [mm]

matched to individual project
(max width 1 200 mm)

Weight
13.4 kg/m² (at 60 mm depth)

Material
textile fabrics, mineral wool-based materials /PET/ polyethylene foam, wood

Available in broad variety of plain and patterned finishing textiles.

Designer
Architected Sound Team

Country of production
Poland

Category
absorption

Description
Up-Sorber Panel is made of a layer of properly chosen biologically neutral sound absorbing material put into solid wooden grid and finished with highest class fabric.

Huge selection of colours and textile patterns in various sizes, accompanied with invisible wooden grid, as well as quick and uncomplicated mounting and disassembling in case of the on-wall and ceiling version. Up-Sorber Panel is a refined element of an interior design.

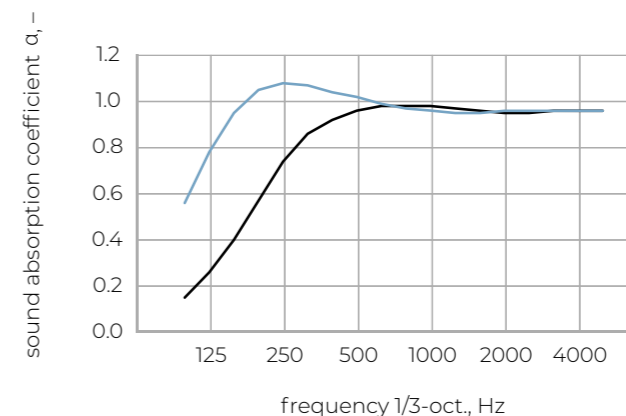
Sound absorption coefficient
 $\alpha_{w, \max} = 1.00$

Application
Conference rooms, lecture rooms and classrooms, recording studios, control 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 (even in the low frequency range) by choosing the right materials for coverage and filling. Possibility to make inlets for lamps, etc.

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

Architected Sound Up-Sorber Panel – sound absorption coefficients



Practical sound absorption coefficient α_p

frequency 1/1-oct.	— (50 mm)	— (80 mm)
125 Hz	0.25	0.75
250 Hz	0.70	1.00
500 Hz	0.95	1.00
1000 Hz	1.00	0.95
2000 Hz	0.95	0.95
4000 Hz	0.95	0.95

— at 50 mm depth of the element *
— at 80 mm depth of the element *

* results obtained from analytical calculations