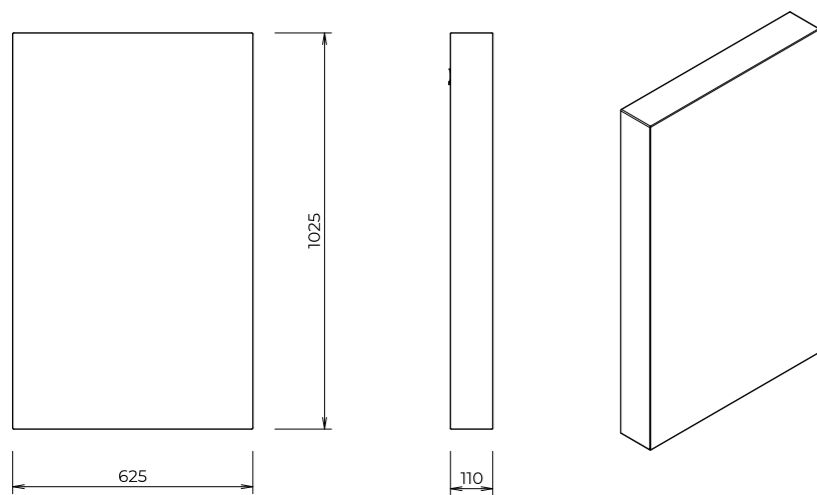




# UP-SORBER PANEL (LOW)



It is an acoustic panel that reduces reverberation and improves acoustic comfort, while also bringing visual order to the interior. Its simple upholstered form offers considerable compositional freedom – from calm, regular layouts to more expressive arrangements. The choice of size and finish colour makes it possible to adapt the product to the character of the space or turn it into a strong decorative feature.



**Size**  
standard:  
625 × 1025 × 110 mm  
or made to an individual design,  
while maintaining a constant panel  
thickness of 110 mm

**Weight**  
approx. 10 kg (for a panel in standard  
dimensions)

**Material**  
wood-based material, textiles  
(available in a wide range of colours),  
sound-absorbing material

**Designer**  
Architected Sound Team

**Country of production**  
Poland

**Category**  
absorption

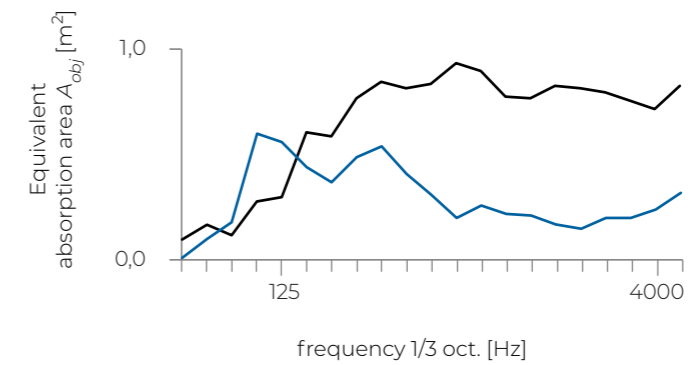
**Acoustic properties**  
Up-Sorber Panel:  
– sound absorption class according  
to PN-EN ISO 11654: A  
– weighted sound absorption coefficient  
according to PN-EN ISO 11654:  
 $\alpha_w = 1,00$   
– Sound Absorption Average  
to ASTM C423, 2017: SAA = 1,00  
– Noise Reduction Coefficient  
to ASTM C423, 2017: NRC = 1,00

Up-Sorber Panel Low:  
– sound absorption class according  
to PN-EN ISO 11654: D  
– weighted sound absorption coefficient  
according to PN-EN ISO 11654:  
 $\alpha_w = 0,35$  (L)  
– Sound Absorption Average  
to ASTM C423, 2017: SAA = 0,45  
– Noise Reduction Coefficient  
to ASTM C423, 2017: NRC = 0,45

**Description**  
A modular sound-absorbing panel  
designed for direct wall mounting.  
It is made of a carefully selected  
absorbing layer set within a stable  
structure and finished with high-qu-  
ality fabric.  
The product is available in two ver-  
sions. The Up-Sorber Panel version  
is intended to reduce reverberation  
and absorb sound across a wide  
frequency range. The Up-Sorber Pa-  
nel Low version, thanks to its special  
construction and carefully selected  
acoustic filling, has been optimised  
for performance in the low-frequen-  
cy range.

**Custom-made**  
The panels can be manufactured  
in custom dimensions to meet indi-  
vidual requirements. Technological  
cut-outs can also be made, for exam-  
ple for lighting fixtures.

Architected Sound Up-Sorber Panel (Low) – equivalent absorption area



Equivalent absorption area –  $A_{obj}$

frequency 1/1 oct.	—	—
125 Hz	0,41	0,53
250 Hz	0,75	0,47
500 Hz	0,88	0,31
1000 Hz	0,83	0,23
2000 Hz	0,83	0,17
4000 Hz	0,78	0,25

— Up-Sorber Panel  
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**Application**  
Lecture halls, conference rooms,  
classrooms, recording studios,  
broadcast rooms and control rooms,  
group and individual rehearsal ro-  
oms, waiting areas, public and com-  
mercial spaces, offices, open-plan  
interiors, and residential spaces.

**Fire safety**  
Made of materials with a reaction-to-  
fire classification of at least B-s1, d0.