

TOO MUCH NOISE AT THE OFFICE

TRY OUR PATENTED, NOISE CANCELLING OFFICE FURNITURE!

After years of research in two UK universities, our **desk separators, panels and booths** are lighter and thinner than traditional solutions. They are modular and, thanks to our patented technology, they **cancel noise** while letting light through.



Office Application Ideas with Sonoblind®



Meta  onixx

ENGINEER YOUR SILENCE WITH OUR MATERIALS

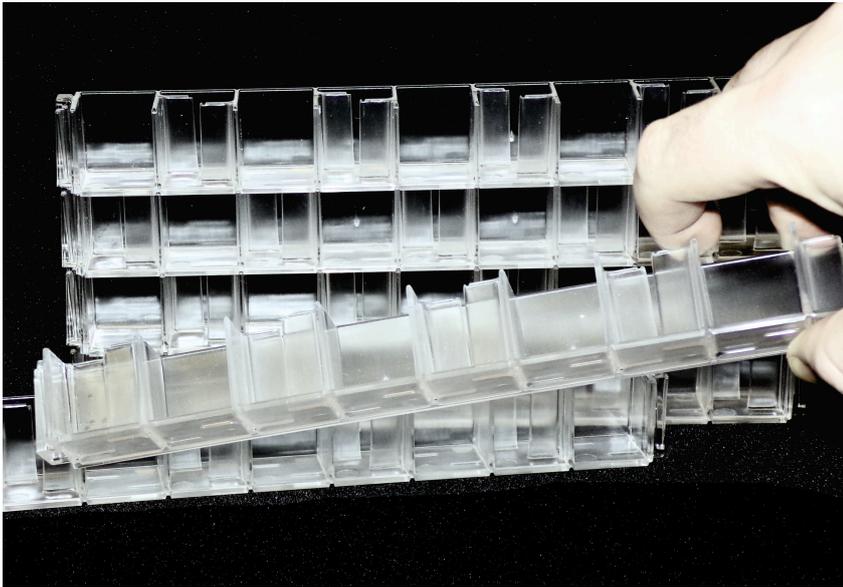
Introducing SonoBlind®

SonoBlind®

is the patented material inside our products.

Based on a technology called “acoustic metamaterials“, SonoBlind® takes its properties from its geometrical design, not its material chemistry.

SonoBlind® cancels noise, where traditional technologies absorb or reflect it. This makes it **superior** where space, weight, or **transparency to light** are crucial.



Modular

Our products are assembled from smaller parts, with the ease used for children's construction blocks. So they can be easily made in the size and shape you need.

Broadband

Our materials cover a large part of the audible spectrum, including the lower frequencies that traditional solutions cannot cope with.... and using minimal space.

Lightweight

Traditional solutions for dealing with noise use mass or absorbers to reduce the sound. We carve out mass instead, even allowing for lightweight designs that maintain high acoustic performance.

Passive

Our devices don't require power: they can be applied wherever they are needed and removed afterwards.

SonoBlind® is optimised for open offices, but also offers a ground breaking solution in homes and industrial sites

USERS WORLDWIDE



CREATIVE OFFICES



EXHIBITIONS



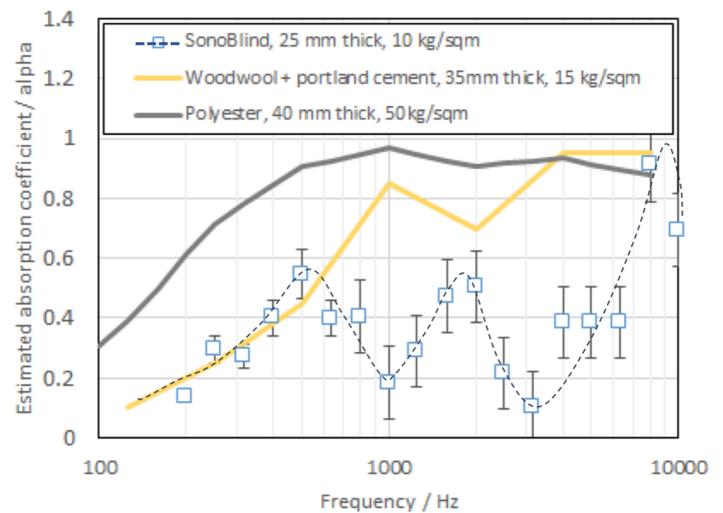
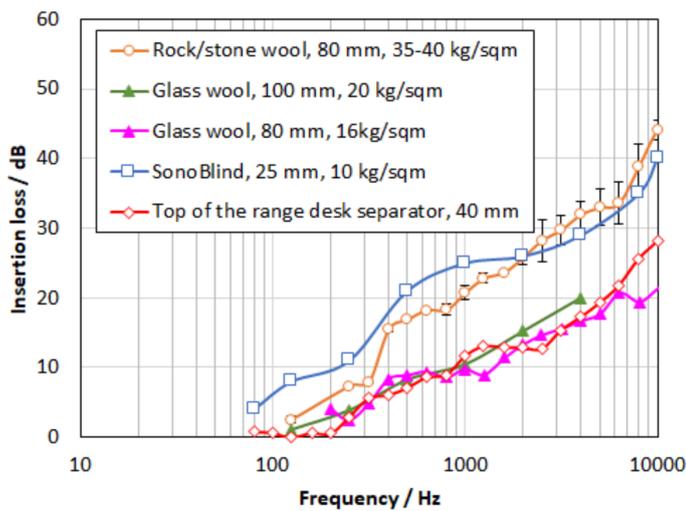
INDUSTRIAL SITES



HOSPITALS

ACOUSTIC PERFORMANCE

The figures compare the insertion loss and absorption with some commercial solutions; the insertion loss was measured using ISO 7235:2003, and the absorption measurements follow ISO 354:2003.



Acoustic performance is defined in terms of:

- Insertion Loss (ISO 7235:2003), which measures the attenuation of sound going through a panel, where an insertion loss of 25 dB corresponds to a 95% reduction.
- Absorption coefficient (ISO 354:2003), which measures the reduction of reverberations due to a panel, where a value $\alpha = 1$ corresponds to 100% reduction.

Insertion loss (dB)

Frequency [Hz]	80	125	250	500	1k	2k	4k	8k	10k
SonoBlind® (thickness: 2.5 cm)	4	8	11	21	25	26	29	35	40

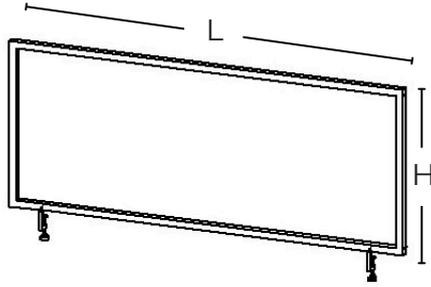
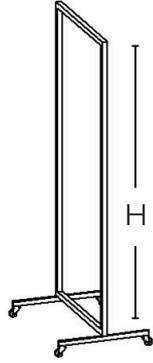
This table shows that separators made with SonoBlind® are superior to the ones made with traditional materials used in offices. In addition, while 2.5 cm of SonoBlind® are equivalent to 4 cm of wood or 8 cm of high-density rock wool above 2000 Hz, SonoBlind® has a superior performance below 1000 Hz.

Absorption coefficient (α)

Frequency [Hz]	80	125	250	500	1k	2k	4k	8k	10k
SonoBlind® (thickness: 2.5 cm)	0.10	0.10	0.24	0.45	0.31	0.40	0.29	0.91	0.92

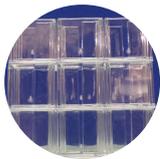
This table shows that a 2.5 cm SonoBlind® panel contributes to reducing reverberation mostly at the frequencies characteristic of speech, without creating a dull environment. Below 500 Hz, its absorption coefficient is the same of a wood wool panel of thickness 3.5 cm.

CUSTOMISE YOUR SONOBLIND®

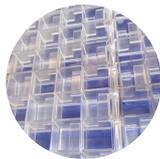


Standard sizes	Model 1	Model 2	Model 3	Model 4	Model 5 (on wheels)
H in cm	80	80	80	80	196
L in cm	80	120	160	180	80

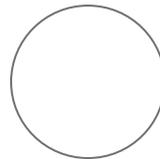
Material appearance for other colours please contact us



transparent



semi transparent



white



black

Frame



wood



wood for fabric covering



metal



white PVC

Cover fabric



black



blue



white



branded
(with your design)

All products are made in flame-retardant recyclable plastic

GET IN TOUCH!



+44 (0)7808 64 42 29



Brighton, Bristol and London; UK



Info@metasonixx.uk



Metasonixx Ltd

Other Application Ideas with Sonoblind®



Also Ask Us About

SonoBlind Air®

for cancelling noise while keeping airflow

SonoFlow®

for managing air conditioning noise



Meta  onixx

<https://metasonixx.uk/>



The Business Start Up 2024 Award



European Commission
Horizon 2020
European Union funding
for Research & Innovation



OUR AWARDS