



# SoundBlox

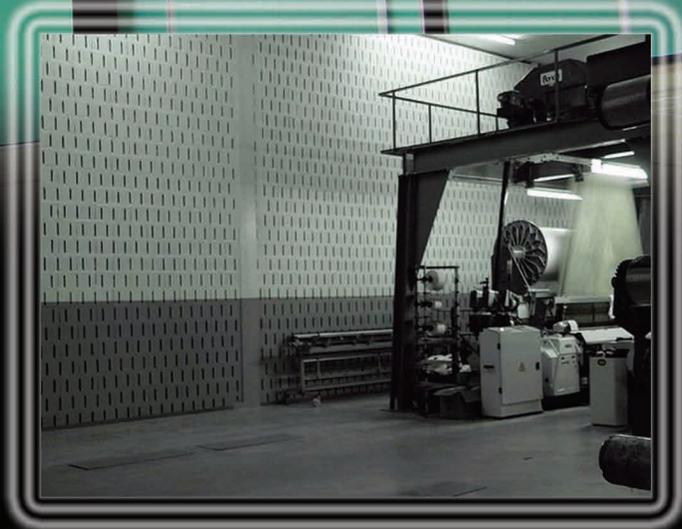
the sound absorbing building block

This building block reduces reverberation even at low frequencies.

SoundBlox are virtually maintenance free, withstand frequent impact (e.g. ball impact in sports halls), & quietly do their job for the life of the building.

Applications:

Sports halls, swimming pools, gymnasiums, public halls & lecture theatres. Also plant-rooms, factories & external road and railway barriers.



w:- [www.oscar-acoustics.co.uk](http://www.oscar-acoustics.co.uk)  
m:- [mail@oscar-acoustics.co.uk](mailto:mail@oscar-acoustics.co.uk)

# OSCAR ACOUSTICS

## Blox for Wall Construction – cellular building blocks.

SoundBlox	Cell Filler	Length	Width	Height	kg/ m <sup>2</sup>	Blocks/ m <sup>2</sup>	Nmm <sup>2</sup>
G1	0	387	87	190	144	12.5	6.5
G2	1	387	87	190	144	12.5	6.5
G3 plain block	0	387	87	190	144	12.5	6.5
W1	0	387	137	190	180	12.5	10.2
W2	1	387	137	190	180	12.5	10.2
W3 plain block	0	387	137	190	180	12.5	10.2
N1	0	320	187	190	200	15.0	12.2
N2	1	320	187	190	200	15.0	12.2
N2x	2	320	187	190	200	15.0	12.2
N3 plain block	0	320	187	190	200	15.0	12.2

## Sound Absorption

Absorption	125 Hz.	250 Hz.	500 Hz.	1k Hz.	2k Hz.	4k Hz.
G1	0.10	0.15	0.90	0.60	0.45	0.60
G2	0.10	0.35	1.02	0.65	0.55	0.56
G3	0.02	0.03	0.03	0.05	0.05	0.05
W1	0.16	0.32	0.87	0.58	0.38	0.46
W2	0.22	0.46	1.05	0.64	0.48	0.46
W3	0.02	0.03	0.03	0.05	0.05	0.05
N1	0.25	0.80	0.40	0.45	0.60	0.65
N2	0.75	1.15	0.85	0.95	0.65	0.75
N2x	0.98	1.00	0.86	0.83	0.70	0.67
N3	0.02	0.03	0.03	0.05	0.05	0.05

### UK size blocks are deleted

SoundBlox actively absorb both direct and reflected sound by using Helmholtz resonator principles. The selection of a SoundBlox along with the use of rockwool or vitafoam cell fillers enables us to adjust absorption characteristics to suit your application.

SoundBlox can be laid along with standard masonry blocks to create attractive contrasting panels.

Available as fine textured (paintable) blocks, coloured batches to special order and extended delivery time.

Fire resistance: load bearing single leaf construction – 2hrs

Typical load bearing, dependant on block size, in a range from 6 Nmm<sup>2</sup> up to 12 Nmm<sup>2</sup>

**OSCAR**  
**ACOUSTICS**

[mail@oscar-acoustics.co.uk](mailto:mail@oscar-acoustics.co.uk)  
[www.oscar-acoustics.co.uk](http://www.oscar-acoustics.co.uk)