

Measurement of equivalent sound absorption area

Test Measurement of equivalent sound absorption area in a reverberation room according to EN ISO 354

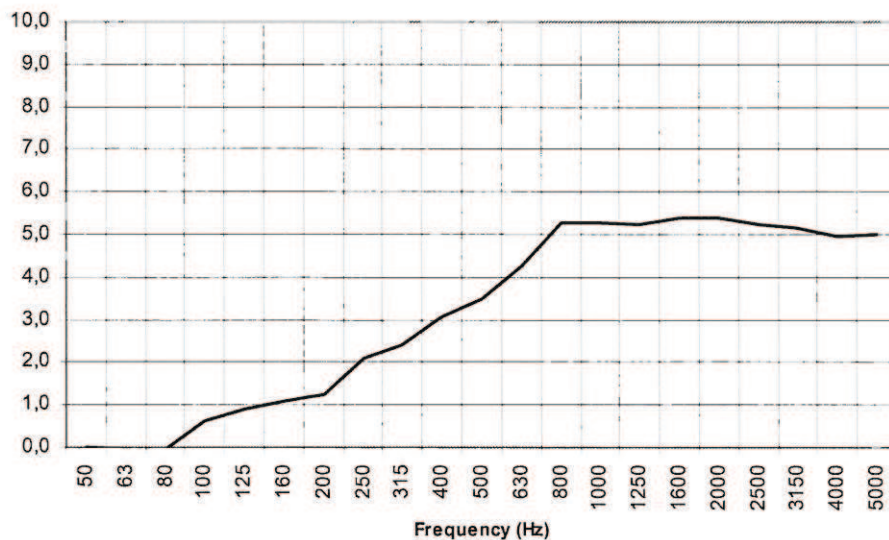
Client Ecophon AB
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Object Solo Rectangle, Single panel
Thickness: 40 mm.
Panel size: 2400 mm x 1200 mm.

Date of test February 12-14, 2008

Conditions Mounting depth: 1000 mm.
Room volume: 200 m³.
Temperature at measurement on object/in empty room: 19/ 19 °C.
Relative humidity at measurement on object/in empty room: 81/ 81 %
Measurements wear made at 3 different positions in the reverberation room and the reverberation times wear averaged.

Equivalent sound absorption area



Frequency (Hz)	A obj
50	0,0
63	0,0
80	-0,1
100	0,6
125	0,9
160	1,1
200	1,3
250	2,1
315	2,4
400	3,1
500	3,5
630	4,3
800	5,3
1000	5,3
1250	5,2
1600	5,4
2000	5,4
2500	5,2
3150	5,1
4000	5,0
5000	5,0