

Measurement of sound absorption area

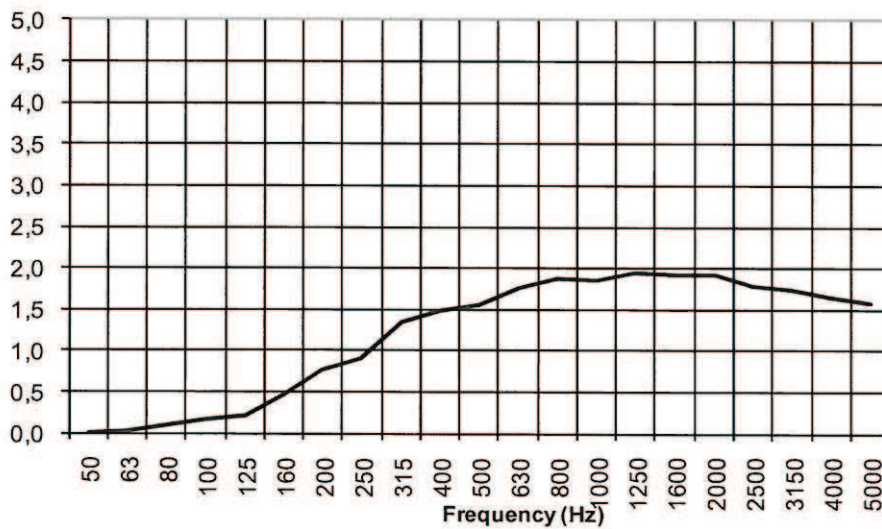
Test Measurement of sound absorption area in a reverberation room according to EN ISO 354

Client Ecophon AB
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Object Solo Circle
Thickness: 40 mm.
Panel size: d=1200 mm

Date of test April 27, 2010

Conditions Mounting depth: 200 mm.
Surface area: 3,39 m².
Room volume: 200 m³.
Temperature at measurement on object/in empty room: 22/ 22 °C.
Relative humidity at measurement on object/in empty room: 68/ 66 %.



Frequency (Hz)	A obj
50	0,0
63	0,0
80	0,1
100	0,2
125	0,2
160	0,5
200	0,8
250	0,9
315	1,3
400	1,5
500	1,6
630	1,8
800	1,9
1000	1,8
1250	1,9
1600	1,9
2000	1,9
2500	1,8
3150	1,7
4000	1,6
5000	1,6

Equivalent sound absorption area