

### Measurement of sound absorption area

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

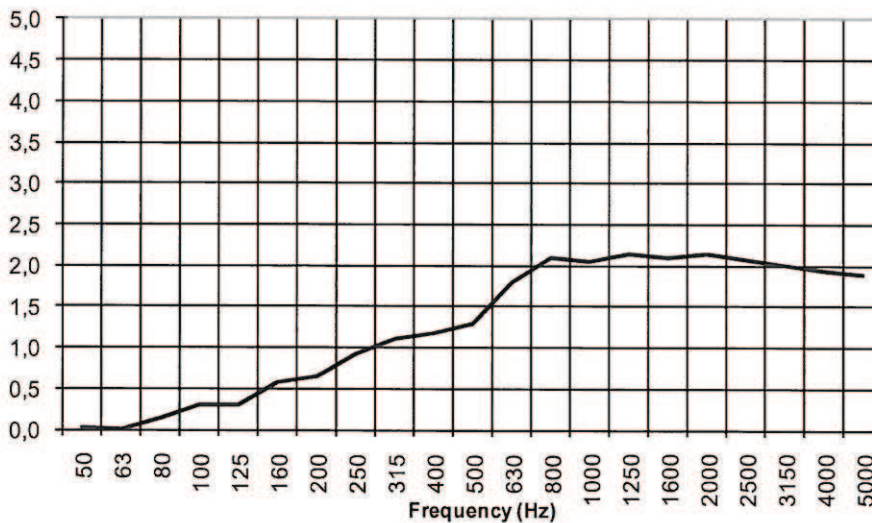
Client Ecophon AB  
Erling Nilsson

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

Date of test April 27, 2010

Conditions Mounting depth: 400 mm.  
Surface area: 3,39 m<sup>2</sup>.  
Room volume: 200 m<sup>3</sup>.  
Temperature at measurement on object/in empty room: 22/ 22 °C.  
Relative humidity at measurement on object/in empty room: 68/ 66 %.

Equivalent sound absorption area



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