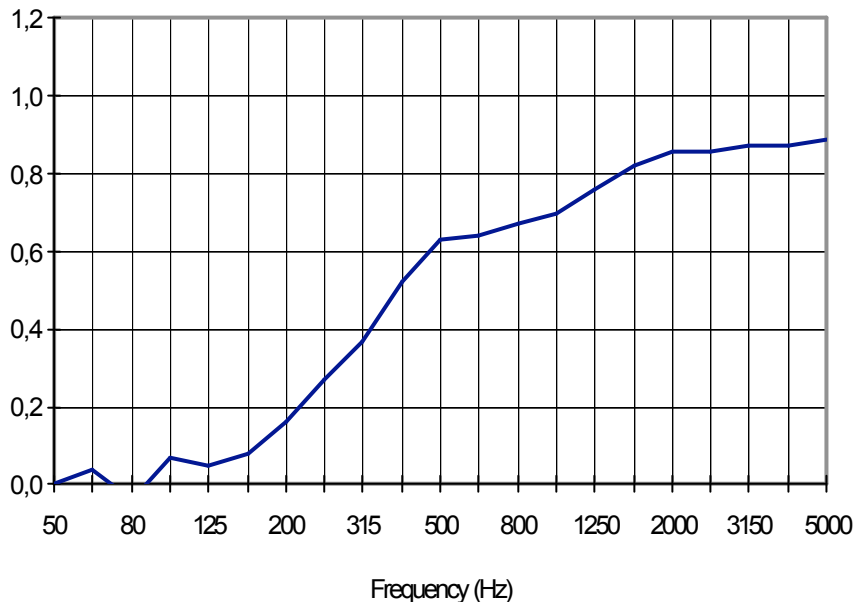


## Measurement of sound absorption coefficient

**Test** Measurement of sound absorption coefficient in a reverberation room according to SS-EN 20354 (ISO 354).  
**Client** Snowcrash AB  
 Ulrika Lindh  
**Object** SOUND WAVE  
 Panel size: 585 mm x 585 mm.  
**Date of test** March 28, 2001  
**Conditions** Surface area: 10,3 m<sup>2</sup>.  
 Room volume: 200 m<sup>3</sup>.  
 Temperature at measurement on object/in empty room: 21/ 20 °C.  
 Relative humidity at measurement on object/in empty room: 82/ 81 %.  
**Result** Sound absorption class D according to EN ISO 11654.  
 Weighted sound absorption coefficient  $\alpha_w = 0,55(H)$  according to EN ISO 11654.

Sound absorption coefficient



Frequency (Hz)	$\alpha_s$
50	0,00
63	0,04
80	-0,04
100	0,07
125	0,05
160	0,08
200	0,16
250	0,27
315	0,37
400	0,52
500	0,63
630	0,64
800	0,67
1000	0,70
1250	0,76
1600	0,82
2000	0,86
2500	0,86
3150	0,87
4000	0,87
5000	0,89

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