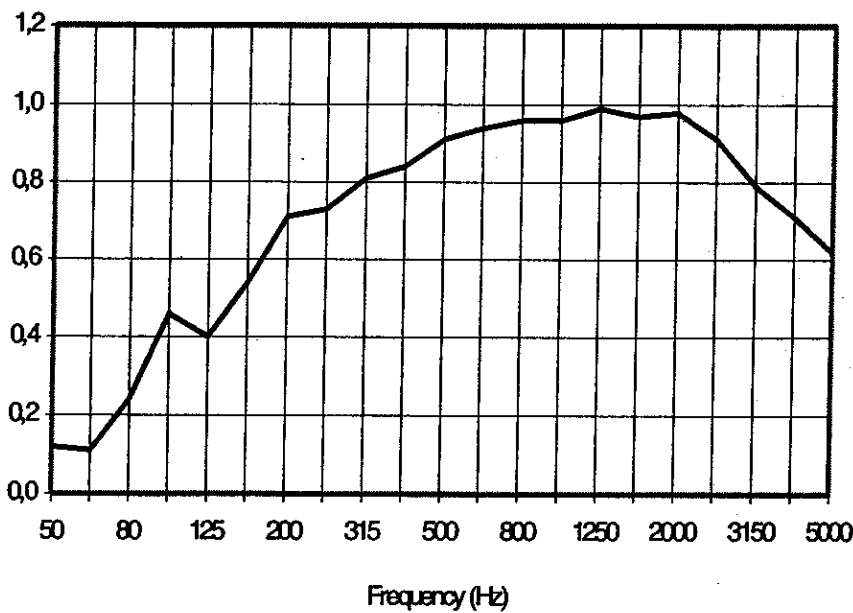


Measurement of sound absorption coefficient

Test Measurement of sound absorption coefficient in a reverberation room according to SS-EN 20354 (ISO 354).
Client Ecophon AB
Object Hygiene Advance
 Thickness: 40 mm.
 Panel size: 1200 mm x 600 mm.
Date of test March 23, 1994
Conditions Mounting depth: 200 mm.
 Surface area: 10,8 m².
 Room volume: 200 m³.
Result Sound absorption class A according to EN ISO 11654.
 Weighted sound absorption coefficient $\alpha_w = 0,9$ according to EN ISO 11654.

Sound absorption coefficient



Frequency (Hz)	α_s
50	0,12
63	0,11
80	0,24
100	0,46
125	0,40
160	0,54
200	0,71
250	0,73
315	0,81
400	0,84
500	0,91
630	0,94
800	0,96
1000	0,96
1250	0,99
1600	0,97
2000	0,98
2500	0,91
3150	0,79
4000	0,71
5000	0,62