

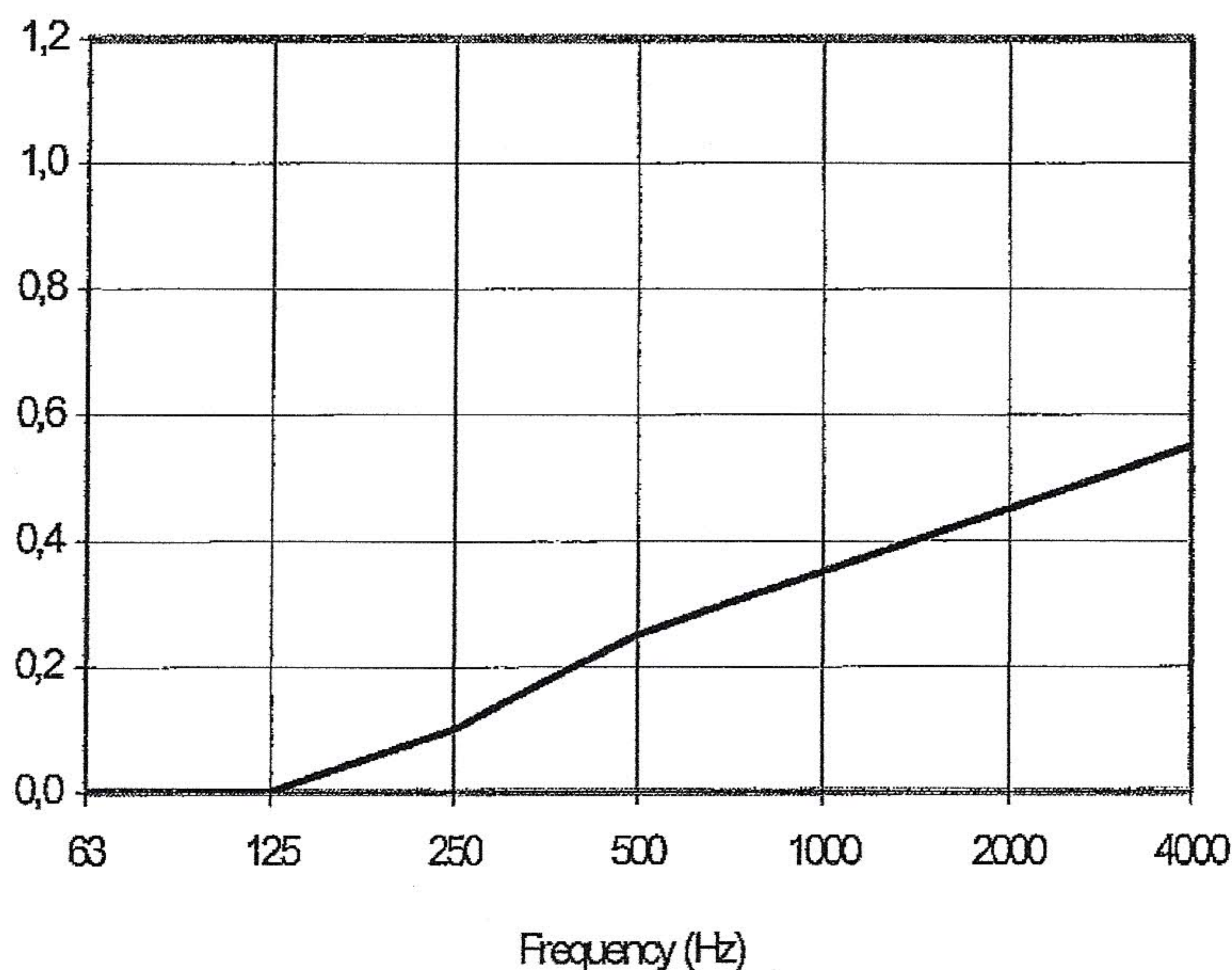


Appendix 4

Measurement of sound absorption coefficient

Test Measurement of sound absorption coefficient in a reverberation room according to SS-EN 20354 (ISO 354).
Client Saint-Gobain Ecophon AB
 Christer Persson
Object Lithos Puts
 Thickness: 3 mm (sprayed on 13 mm thick plasterboard)
 Panel size: 1200 mm x 1200 mm.
Date of test March 23, 2005
Conditions Mounting depth: 16 mm.
 Surface area: 10,8 m².
 Room volume: 200 m³.
 Temperature at measurement on object/in empty room: 20/ 20 °C.
 Relative humidity at measurement on object/in empty room: 88/ 86 %.
Result Sound absorption class D according to EN ISO 11654.
 Weighted sound absorption coefficient $\alpha_w = 0,3(H)$ according to EN ISO 11654.

Practical sound absorption coefficient



Frequency (Hz)	α_p
63	0,00
125	0,00
250	0,10
500	0,25
1000	0,35
2000	0,45
4000	0,55