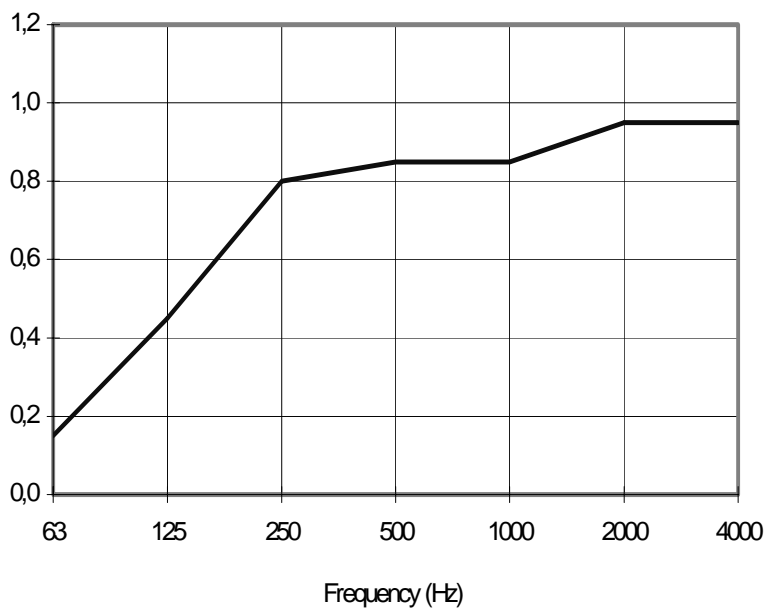


Measurement of sound absorption coefficient

Test Measurement of sound absorption coefficient in a reverberation room according to SS-EN 20354 (ISO 354).
Client Ecophon AB
Object Lena Hallkvist
 Acces C
 Thickness: 20 mm.
 Panel size: 1177 mm x 560 mm.
Date of test July 8, 2003
Conditions Mounting depth: 200 mm.
 Surface area: 10,8 m².
 Room volume: 200 m³.
 Temperature at measurement on object/in empty room: 24/ 20 °C.
 Relative humidity at measurement on object/in empty room: 89/ 90 %.
Result Sound absorption class A according to EN ISO 11654.
 Weighted sound absorption coefficient $\alpha_w = 0,9$ according to EN ISO 11654.

Practical sound absorption coefficient



Frequency (Hz)	α_p
63	0,15
125	0,45
250	0,80
500	0,85
1000	0,85
2000	0,95
4000	0,95

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