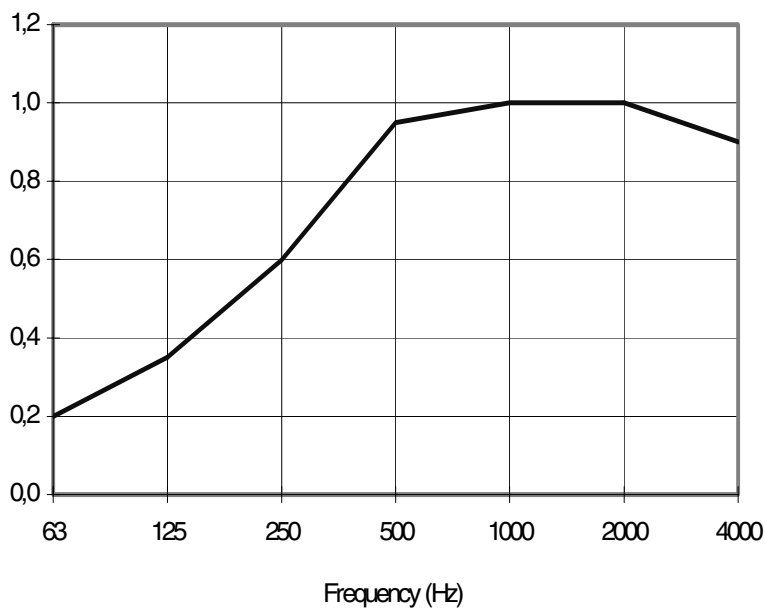


Measurement of sound absorption coefficient

Test Measurement of sound absorption coefficient in a reverberation room according to SS-EN 20354 (ISO 354).
Client Ecophon AB
Object Lena Hallkvist
 Combison Duo E
 Thickness: 55 mm.
 Panel size: 600 mm x 600 mm.
Date of test April 22, 2004
Conditions Mounting depth: 200 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: 90/ 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	0,20
125	0,35
250	0,60
500	0,95
1000	1,00
2000	1,00
4000	0,90

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