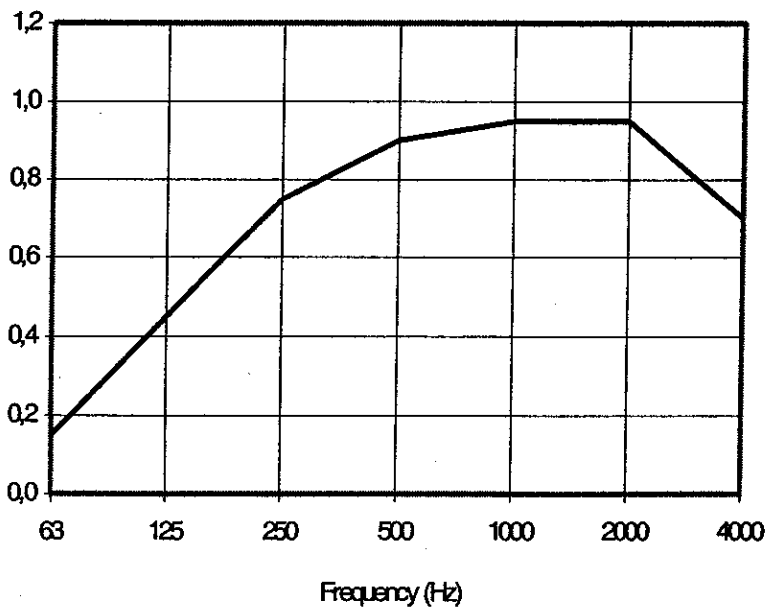


Measurement of sound absorption coefficient

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.

Practical sound absorption coefficient



Frequency (Hz)	α_p
63	0,15
125	0,45
250	0,75
500	0,90
1000	0,95
2000	0,95
4000	0,70