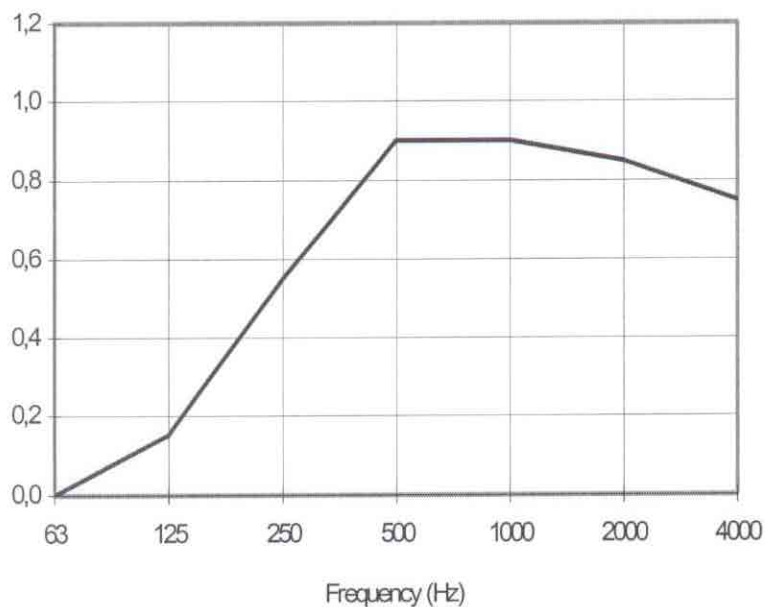


Measurement of sound absorption coefficient

Test Measurement of sound absorption coefficient in a reverberation room according to SS-EN 20354 (ISO 354).
Client Roxull Akustik AB
 Peter Svensson
Object Roxull/Rockfon Mono Plan/Fine, marked: 02-07-04
 Thickness: 30 mm.
 Panel size: 1200 mm x 900 mm.
Date of test October 5, 2004
Conditions Mounting depth: 30 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: 89/ 90 %.
Result Sound absorption class B according to EN ISO 11654.
 Weighted sound absorption coefficient $\alpha_w = 0,85$ according to EN ISO 11654.

Practical sound absorption coefficient



Frequency (Hz)	α_p
63	0,00
125	0,15
250	0,55
500	0,90
1000	0,90
2000	0,85
4000	0,75