

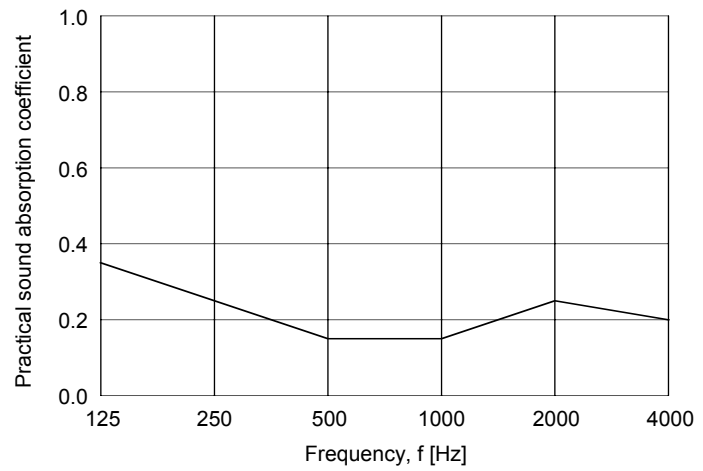
Laboratory Measurement of Sound Absorption Coefficient according to EN ISO 354:2003

Client: Rockfon A/S, Hovedgaden 501, 2640 Hedehusene
Date of test: 9 May 2006

Test specimen: Rockfon Sonar Bas. 8.000.09 PL.
Thickness: 20 mm
Module size: 1200 mm × 600 mm
Mounting depth: 200 mm (Type E-200 mounting)

Test area: 10.6 m²
Room volume: 215 m³
Room surface: 305 m²

Frequency f [Hz]	α_p
125	0.35
250	0.25
500	0.15
1000	0.15
2000	0.25
4000	0.20



Practical sound absorption coefficient, weighted sound absorption coefficient, and absorption class according to EN ISO 11654:1997:
 $\alpha_w = 0.20(L)$ Absorption class: E

DELTA, 18 May 2006



Dan Hoffmeyer, Acoustics