

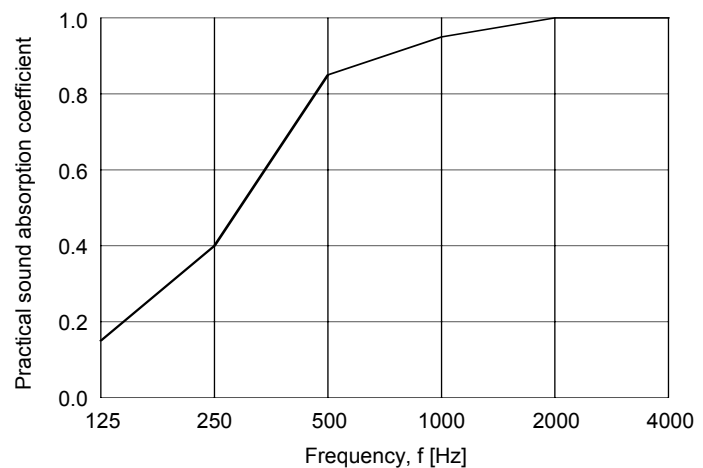
Laboratory Measurement of Sound Absorption Coefficient according to EN ISO 354:2003

Client: Rockfon A/S, Hovedgaden 501, 2640 Hedehusene
Date of test: 8 August 2006

Test specimen: Rockfon Sonar. 8.000.01 PL.
Thickness: 20 mm
Module size: 1200 mm × 600 mm
Mounting depth: 50 mm (Type E-50 mounting)

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

Frequency f [Hz]	α_p
125	0.15
250	0.40
500	0.85
1000	0.95
2000	1.00
4000	1.00



Practical sound absorption coefficient, weighted sound absorption coefficient, and absorption class according to EN ISO 11654:1997:
 $\alpha_w = 0.70(\text{MH})$ Absorption class: C

DELTA, 15 August 2006



Dan Hoffmeyer, Acoustics