



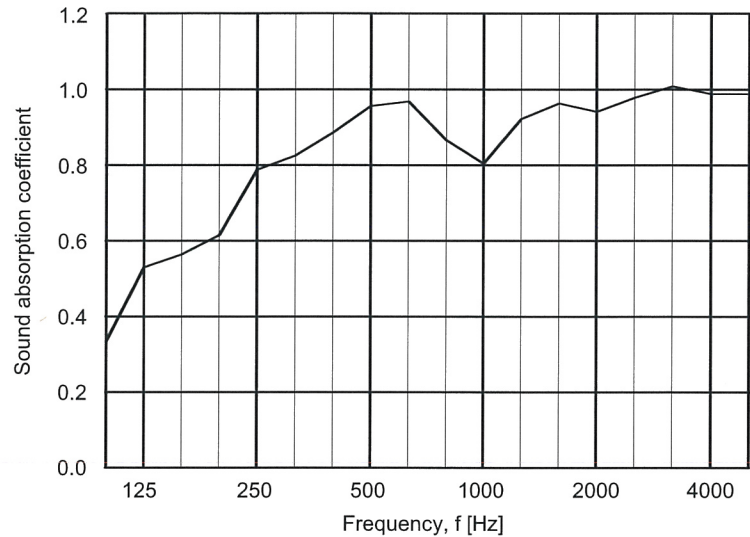
Laboratory Measurement of Sound Absorption Coefficient according to EN ISO 354:2003

Client: Rockfon A/S, Hovedgaden 501, 2640 Hedehusene
Date of test: 31 August 2007

Test specimen: Rockfon MediCare Standard 8.000.06 PL.
Thickness: 15 mm
Module size: 1200 mm × 600 mm
Mounting depth: 200 mm (Type E-200 mounting)

Test area: 10.4 m²
Room volume: 215 m³
Room surface: 305 m²

Frequency f [Hz]	α_s
100	0.33
125	0.53
160	0.56
200	0.61
250	0.79
315	0.82
400	0.89
500	0.96
630	0.97
800	0.87
1000	0.80
1250	0.92
1600	0.96
2000	0.94
2500	0.98
3150	1.01
4000	0.99
5000	0.99



DELTA, 21 June 2011

Dan Hoffmeyer, Acoustics





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Module size: 1200 mm × 600 mm

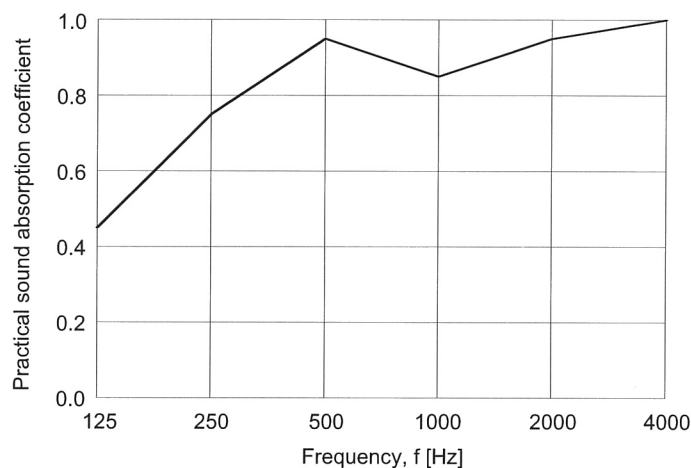
Mounting depth: 200 mm (Type E-200 mounting)

Test area: 10.4 m²

Room volume: 215 m³

Room surface: 305 m²

Frequency f [Hz]	α_p
125	0.45
250	0.75
500	0.95
1000	0.85
2000	0.95
4000	1.00



Practical sound absorption coefficient, weighted sound absorption coefficient, and absorption class according to EN ISO 11654:1997:

$\alpha_w = 0.95$

Absorption class: A

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