



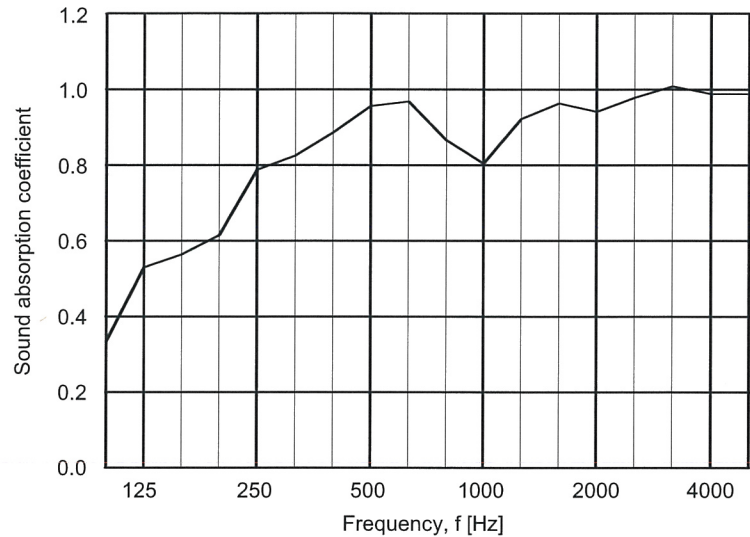
## Laboratory Measurement of Sound Absorption Coefficient according to EN ISO 354:2003

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 m<sup>2</sup>  
Room volume: 215 m<sup>3</sup>  
Room surface: 305 m<sup>2</sup>

Frequency f [Hz]	$\alpha_s$
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





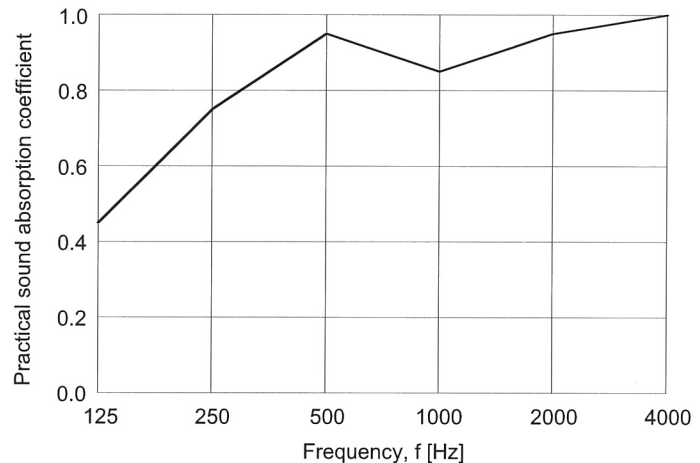
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Test area: 10.4 m<sup>2</sup>  
Room volume: 215 m<sup>3</sup>  
Room surface: 305 m<sup>2</sup>

Frequency f [Hz]	$\alpha_p$
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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