

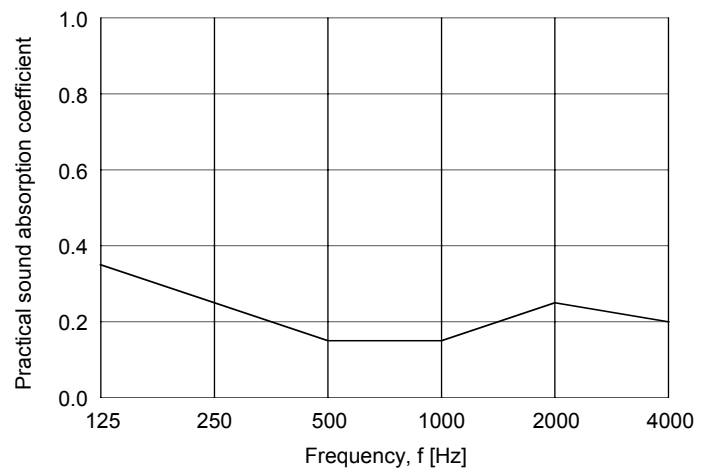
## Laboratory Measurement of Sound Absorption Coefficient according to EN ISO 354:2003

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

Frequency f [Hz]	$\alpha_p$
125	0.35
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