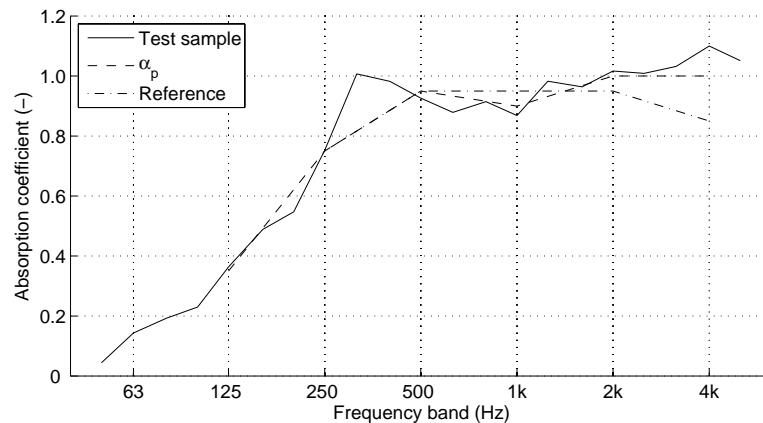

SOUND ABSORPTION COEFFICIENT ACCORDING TO ISO 354 AND ISO 11654

Measurement of sound absorption coefficient in a reverberation room

Client: Paroc AB

Object: Parafon Hygien 18 mm, Edge A
Type E-200 mounting

Frequency (Hz)	α_s (-)	α_p (-)
50	0.04	
63	0.14	0.15
80	0.19	
100	0.23	
125	0.36	0.35
160	0.49	
200	0.55	
250	0.75	0.75
315	1.01	
400	0.98	
500	0.93	0.95
630	0.88	
800	0.91	
1000	0.87	0.90
1250	0.98	
1600	0.96	
2000	1.02	1.00
2500	1.01	
3150	1.03	
4000	1.10	1.00
5000	1.05	



α_w : 0.95

Absorption class: A

Date of test: 2010-04-20

Object surface: 10.0 m²

Relative humidity: 74 %

Date: 2011-07-14

Reverberation room volume: 200 m³

Temperature: 4 °C

Test report 10-55-M82

Signature: Pontus Thorsson

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