

Laboratory measurement of sound absorption according to EN ISO 354:2003

Client: DAMPA ApS, Højeløkkevej 4 A, 5690 Tommerup, Denmark

Date of test: 7 January 2021

Test specimen: Silent Board with 40 mm mineral wool

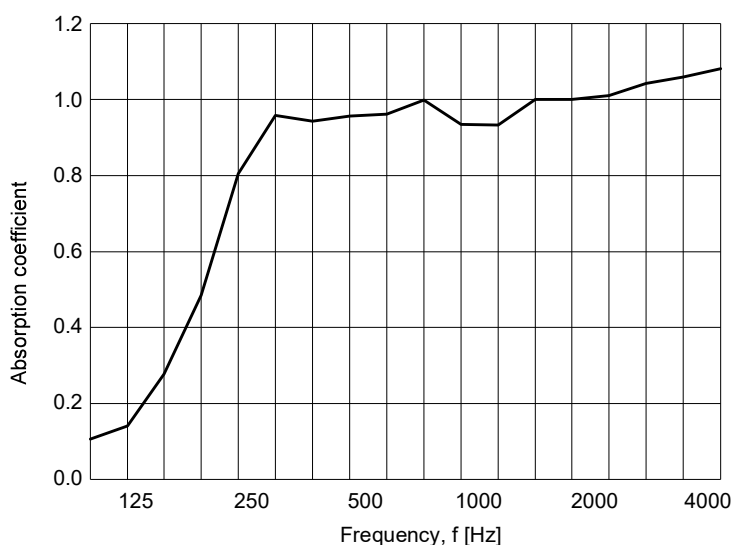
Construction height: 55 mm (Type A mounting)

Test area: 10.8 m²

Room volume: 215 m³

Room surface: 305 m²

Frequency f [Hz]	α_s
100	0.11
125	0.14
160	0.28
200	0.48
250	0.81
315	0.96
400	0.94
500	0.96
630	0.96
800	1.00
1000	0.93
1250	0.93
1600	1.00
2000	1.00
2500	1.01
3150	1.04
4000	1.06
5000	1.08



FORCE Technology, 13 January 2021

Michelle Herlufsen
Acoustics, Noise and Vibrations

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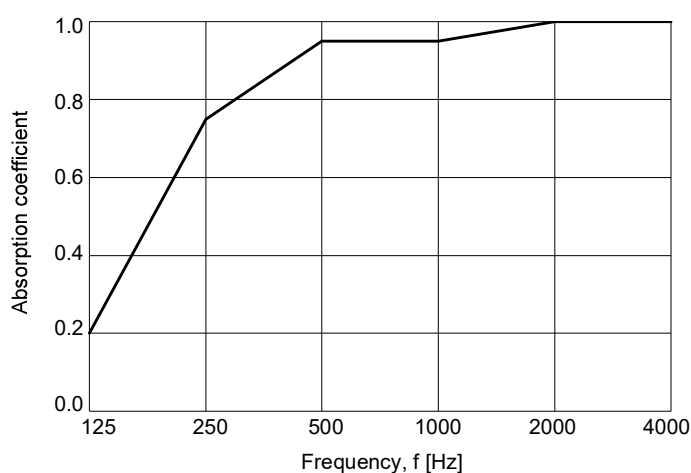
Construction height: 55 mm (Type A mounting)

Test area: 10.8 m²

Room volume: 215 m³

Room surface: 305 m²

Frequency f [Hz]	α_p
125	0.20
250	0.75
500	0.95
1000	0.95
2000	1.00
4000	1.00



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

$$\alpha_w = 0.95$$

Absorption class: A

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