

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

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

Date of test: 20 August 2021

Test specimen: DAMPA Silent Board 100 mm with 2x40 mm mineral wool

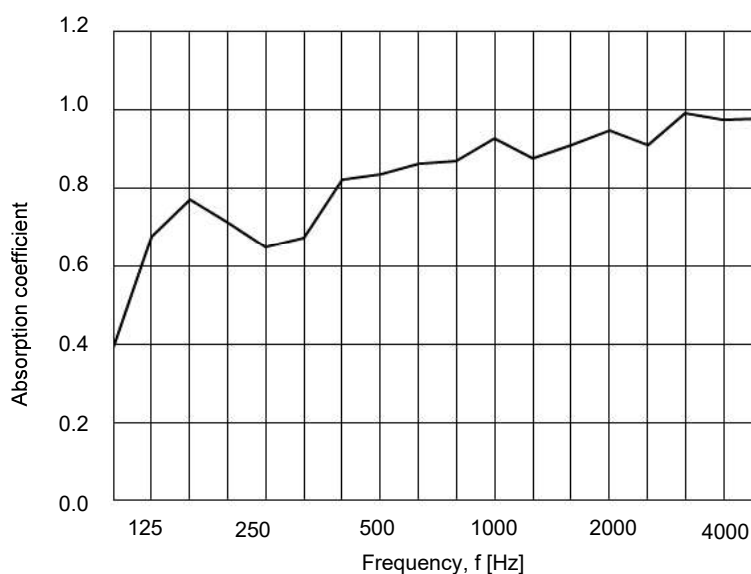
Construction height: 105 mm (Type A mounting)

Test area: 10.8 m²

Room volume: 215 m³

Room surface: 305 m²

Frequency f [Hz]	α_s
100	0.39
125	0.68
160	0.77
200	0.71
250	0.65
315	0.67
400	0.82
500	0.84
630	0.86
800	0.87
1000	0.93
1250	0.87
1600	0.91
2000	0.95
2500	0.91
3150	0.99
4000	0.98
5000	0.98



FORCE Technology, 6 September 2021

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Acoustics, Noise and Vibrations

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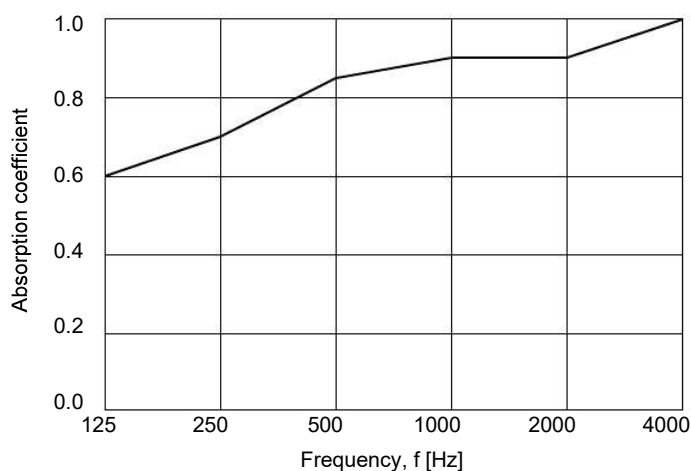
Construction height: 105 mm (Type A mounting)

Test area: 10.8 m²

Room volume: 215 m³

Room surface: 305 m²

Frequency f [Hz]	α_p
125	0.60
250	0.70
500	0.85
1000	0.90
2000	0.90
4000	1.00



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

$\alpha_w = 0.90$

Absorption class: A

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