

## Zienzio Offizz floor screen 1200x1900

SOUND ABSORPTION COEFFICIENT PER ASTM C423-17

Measurement of sound absorption coefficient by the reverberation room method

Report number:  
20-703-M1  
Date  
2020-01-09

Frequency f [Hz]	Sound absorption coefficient $\alpha$
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Client: Zienzio  
Manufacturer: Zienzio  
Product identification: Offizz floor screen 1200x1900

Description of test specimen:

Floor standing screen including visible frame with size  
1200x1900x70.  
Evaluation based on measurement for 1 screen. Original measurement  
report 13-07-M22.

Reverberation room volume: 200 m<sup>3</sup>  
Temperature: 15.0 °C (empty: 14.0 °C)  
Air humidity: 77% (empty: 76%)  
Air pressure: 101.3 kPa (empty: 101.3 kPa)  
Size of specimen: 4.56 m<sup>2</sup>  
Area weight: n.a. kg/m<sup>2</sup>  
Measurement date: 2013-06-18  
Measured by: Pontus Thorsson

50	0.00
63	0.07
80	0.07
100	0.13
125	0.22
160	0.19
200	0.35
250	0.39
315	0.45
400	0.63
500	0.79
630	0.84
800	0.81
1000	0.87
1250	0.88
1600	0.90
2000	0.86
2500	0.87
3150	0.92
4000	0.95
5000	1.00

Sound Absorption Average (SAA): 0.72

Noise Reduction Coefficient (NRC): 0.75

