

Zilenzio Dezibel Bord

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

13-07-M3

Date

2013-10-30

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.03	
63	0.27	0.2
80	0.37	
100	0.65	
125	0.57	0.6
160	0.56	
200	0.74	
250	0.83	0.9
315	1.17	
400	1.47	
500	1.54	1.6
630	1.89	
800	2.01	
1000	2.10	2.1
1250	2.15	
1600	2.15	
2000	2.30	2.2
2500	2.27	
3150	2.28	
4000	2.26	2.3
5000	2.45	

Client: Zilenzio
Manufacturer: Zilenzio
Product identification: Dezibel Bord 750 x 2000 mm

Description of test specimen:

Reverberation room volume: 200 m³
Temperature: 15 °C (empty: 14 °C)
Air humidity: 76 % (empty: 76 %)
Air pressure: 101.3 kPa (empty: 101.3 kPa)
Number of specimens: 3

Measurement date: 2013-06-18

Measured by: Pontus Thorsson

