

Zilenzio Light

SOUND ABSORPTION AREA ACCORDING TO ISO 354 and SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
13-07-M4a
Date
2016-10-12

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.16	0.1
80	0.07	
100	0.17	
125	0.16	0.2
160	0.25	
200	0.20	
250	0.14	0.2
315	0.25	
400	0.41	
500	0.45	0.5
630	0.50	
800	0.57	
1000	0.61	0.6
1250	0.74	
1600	0.95	
2000	1.18	1.1
2500	1.30	
3150	1.48	
4000	1.64	1.6
5000	1.80	

Client: Zilenzio
Manufacturer: Zilenzio
Product identification: Light 650 x 1600 mm

Description of test specimen:

Reverberation room volume: 200 m³
Temperature: 15.0 °C (empty: 14.0 °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

