

# Zilenzio Dezign Fazett

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:  
**13-07-M11**  
Date  
**2013-10-30**

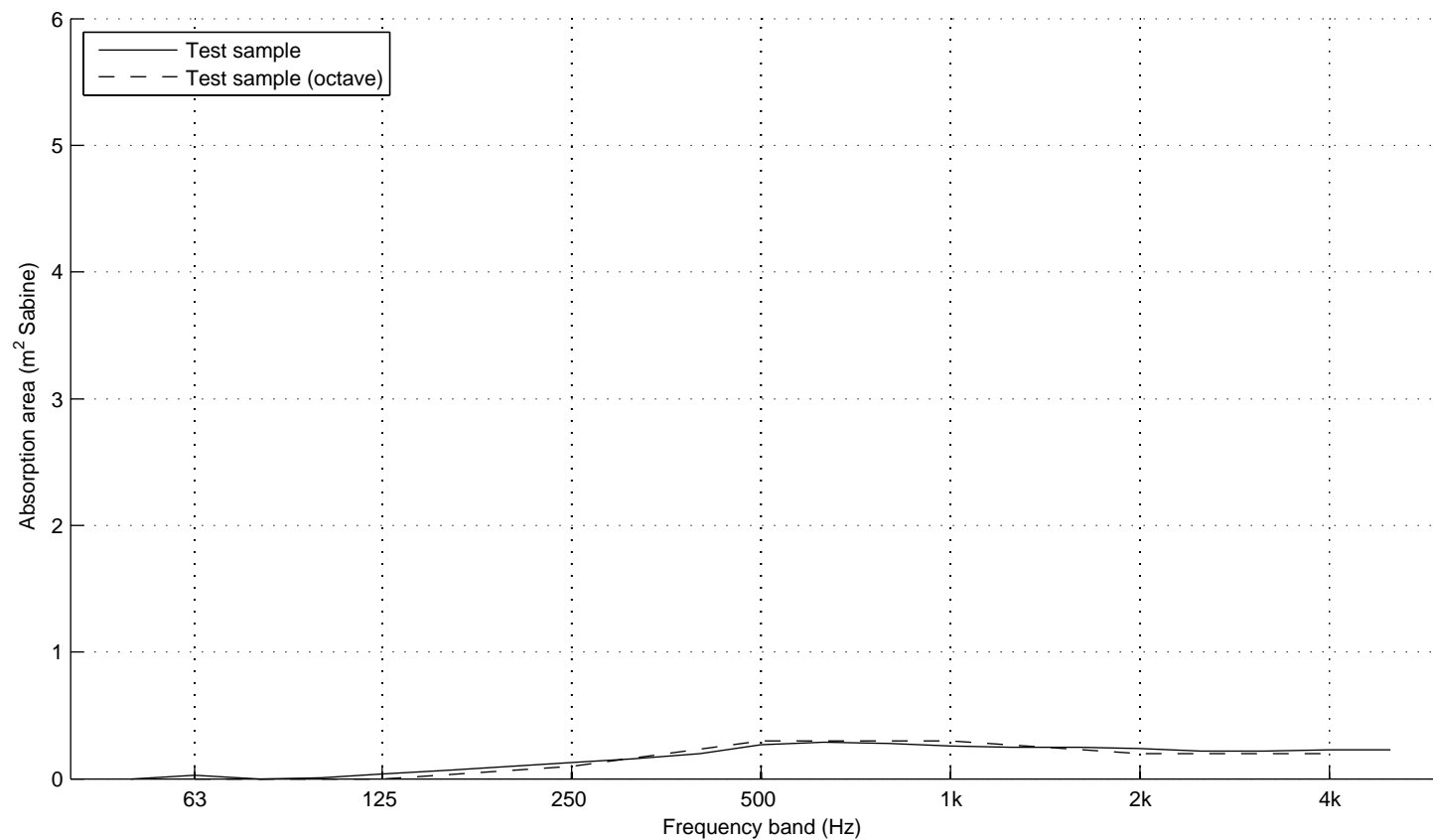
Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.00	
63	0.03	0.0
80	0.00	
100	0.01	
125	0.04	0.0
160	0.07	
200	0.10	
250	0.13	0.1
315	0.16	
400	0.20	
500	0.27	0.3
630	0.29	
800	0.28	
1000	0.26	0.3
1250	0.25	
1600	0.25	
2000	0.24	0.2
2500	0.22	
3150	0.22	
4000	0.23	0.2
5000	0.23	

Client: Zilenzio Zilenzio  
Manufacturer: Dezign Fazett, 1 pc  
Product identification:

Description of test specimen:

Reverberation room volume: 200 m<sup>3</sup>  
Temperature: 15 °C (empty: 14 °C)  
Air humidity: 77 % (empty: 76 %)  
Air pressure: 101.3 kPa (empty: 101.3 kPa)  
Number of specimens: 13

Measurement date: 2013-06-18  
Measured by: Pontus Thorsson



# Zilenzio Dezign Fazett

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:  
13-07-M12  
Date  
2013-10-30

Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.00	
63	0.10	0.0
80	0.00	
100	0.06	
125	0.11	0.1
160	0.21	
200	0.33	
250	0.42	0.4
315	0.48	
400	0.60	
500	0.72	0.7
630	0.72	
800	0.69	
1000	0.65	0.7
1250	0.63	
1600	0.64	
2000	0.66	0.6
2500	0.59	
3150	0.59	
4000	0.60	0.6
5000	0.61	

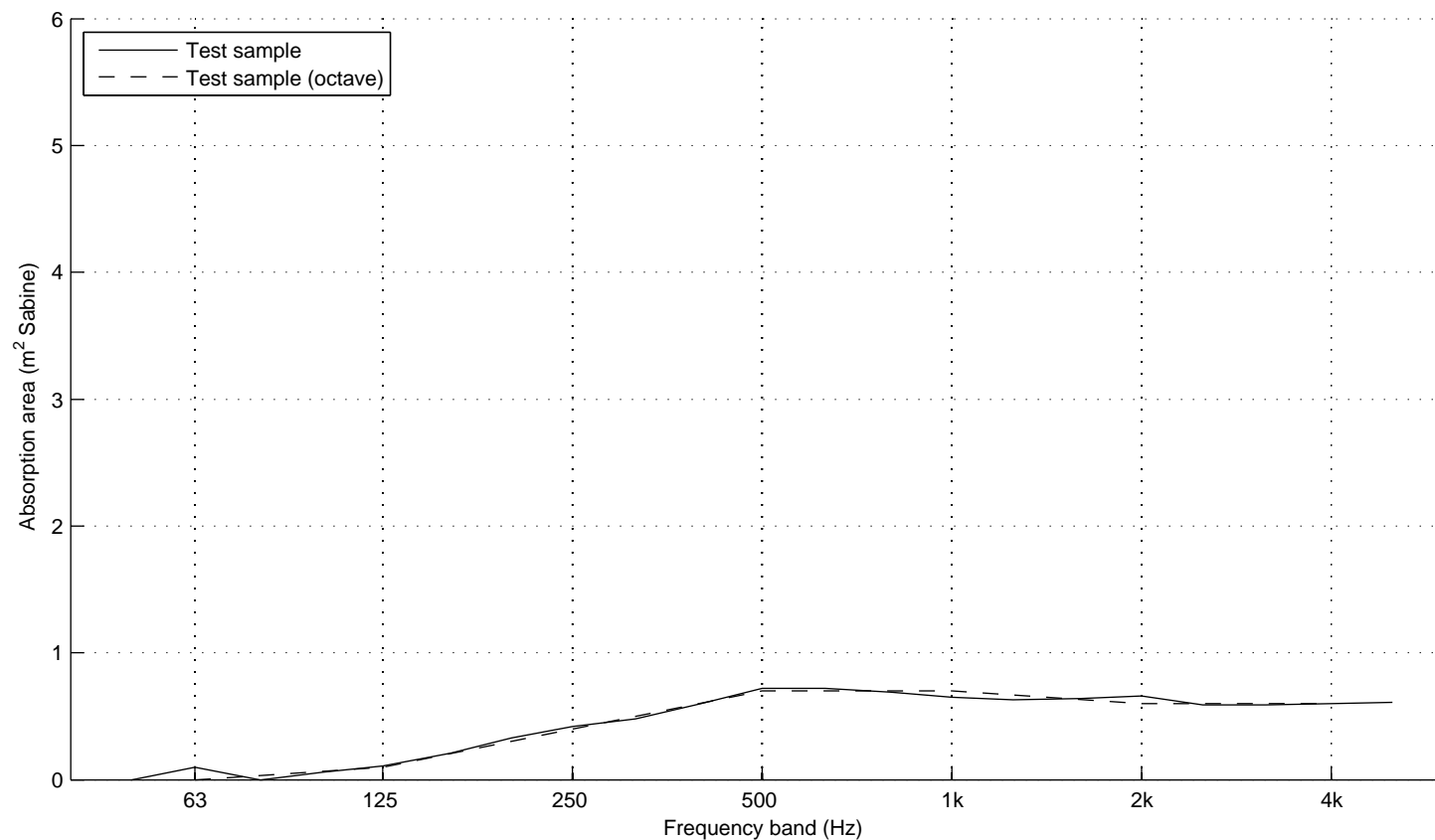
Client: Zilenzio  
Manufacturer: Zilenzio  
Product identification: Dezign Fazett, Cube formation (3 pcs)

Description of test specimen:

Reverberation room volume: 200 m<sup>3</sup>  
Temperature: 15 °C (empty: 14 °C)  
Air humidity: 77 % (empty: 76 %)  
Air pressure: 101.3 kPa (empty: 101.3 kPa)  
Number of specimens: 4

Measurement date: 2013-06-18

Measured by: Pontus Thorsson



# Zilenzio Dezign Fazett

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:  
**13-07-M10**  
Date  
**2013-10-30**

Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.00	
63	0.42	0.1
80	0.00	
100	0.07	
125	0.37	0.4
160	0.76	
200	1.27	
250	1.56	1.5
315	1.72	
400	2.05	
500	2.35	2.3
630	2.42	
800	2.22	
1000	2.11	2.2
1250	2.14	
1600	2.16	
2000	2.22	2.2
2500	2.10	
3150	2.12	
4000	2.15	2.1
5000	1.99	

Client: Zilenzio  
Manufacturer: Zilenzio  
Product identification: Dezign Fazett, Flower formation (12 pcs)

Description of test specimen:

Reverberation room volume: 200 m<sup>3</sup>  
Temperature: 15 °C (empty: 14 °C)  
Air humidity: 77 % (empty: 76 %)  
Air pressure: 101.3 kPa (empty: 101.3 kPa)  
Number of specimens: 1

Measurement date: 2013-06-18

Measured by: Pontus Thorsson

