

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

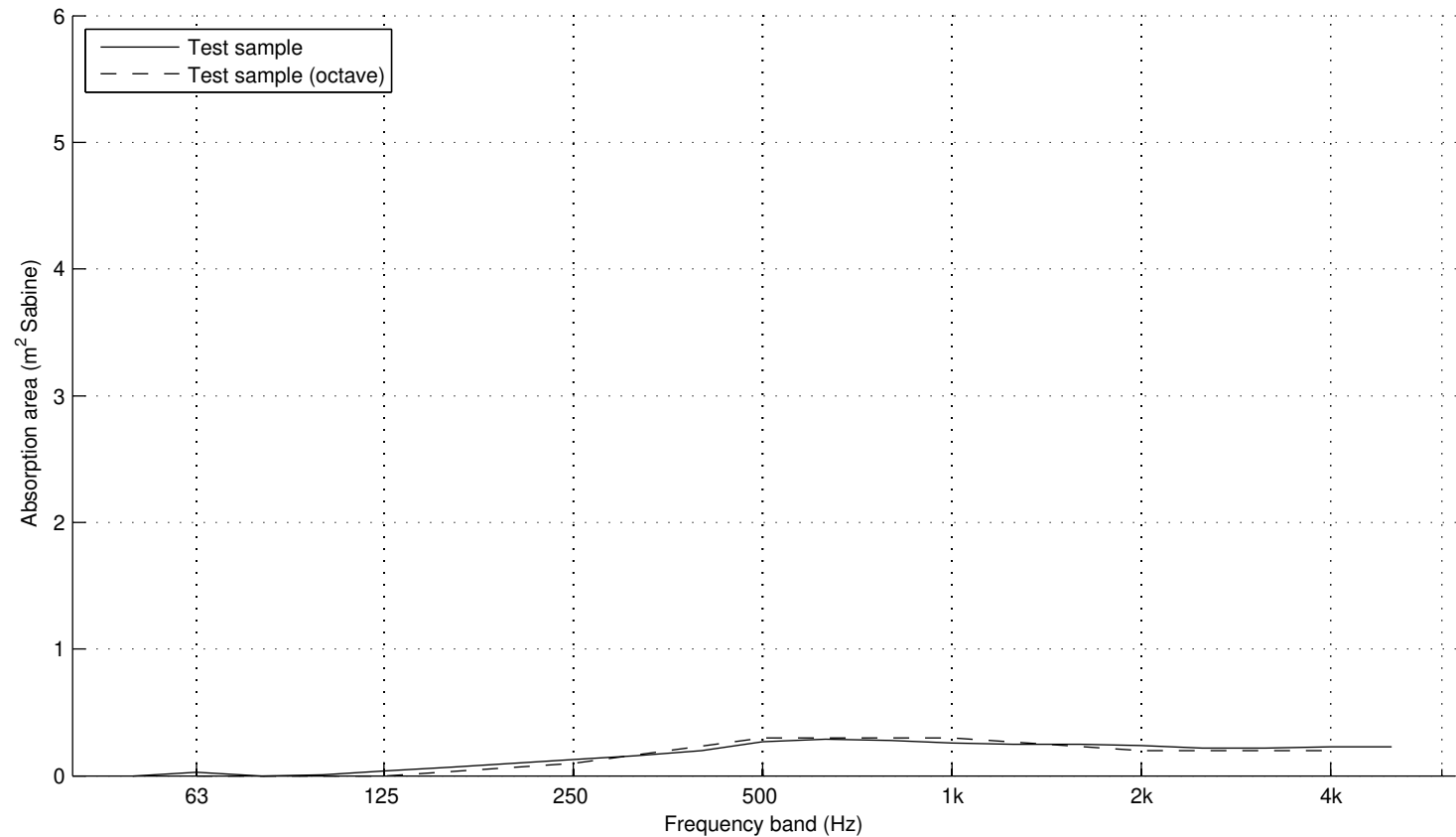
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.03	0.0
80	0.00	
100	0.01	
125	0.04	0.0
160	0.07	
200	0.10	
250	0.13	0.1
315	0.16	
400	0.20	
500	0.27	0.3
630	0.29	
800	0.28	
1000	0.26	0.3
1250	0.25	
1600	0.25	
2000	0.24	0.2
2500	0.22	
3150	0.22	
4000	0.23	0.2
5000	0.23	

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

Description of test specimen:

Reverberation room volume: 200 m³
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

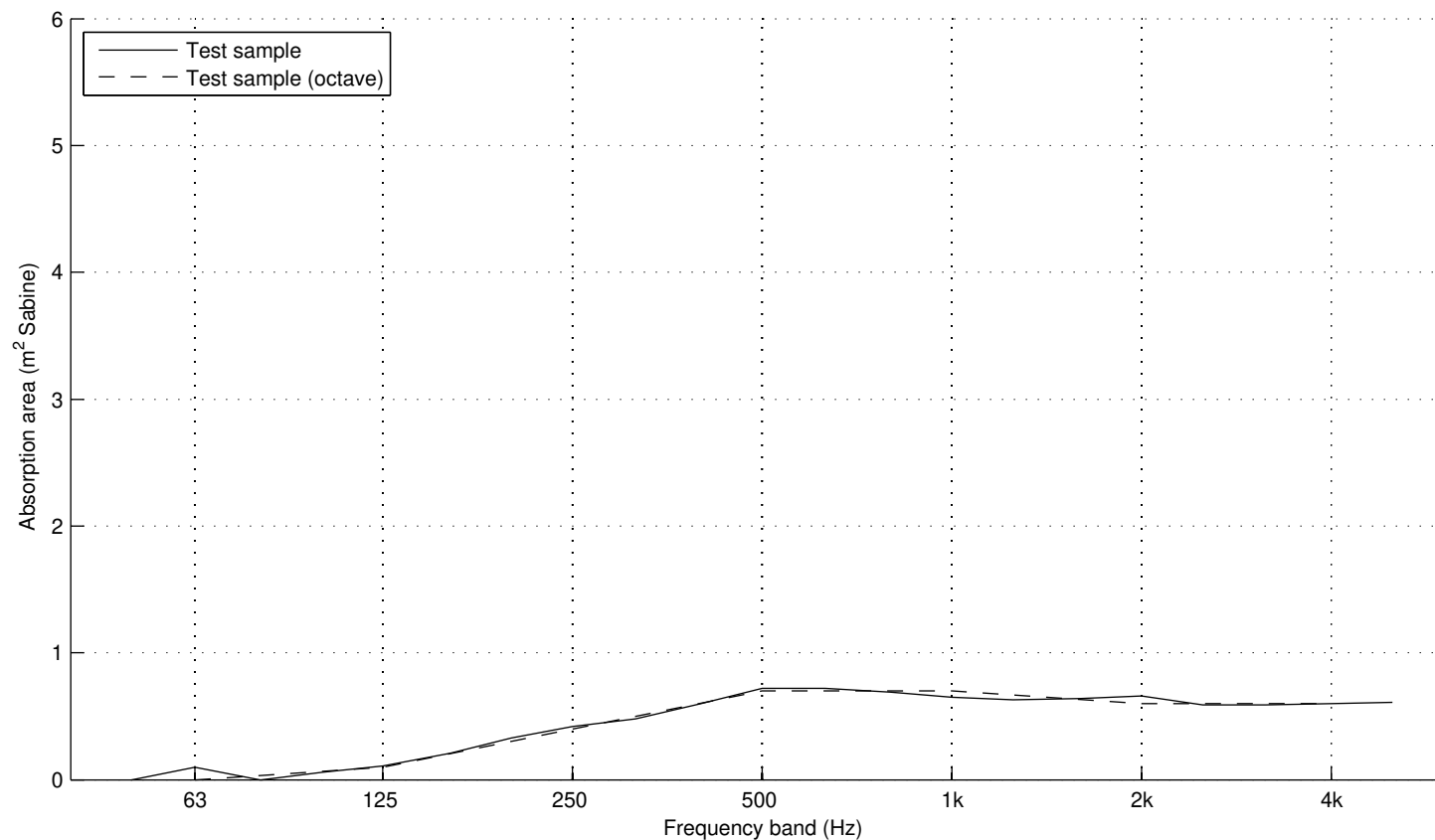
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.10	0.0
80	0.00	
100	0.06	
125	0.11	0.1
160	0.21	
200	0.33	
250	0.42	0.4
315	0.48	
400	0.60	
500	0.72	0.7
630	0.72	
800	0.69	
1000	0.65	0.7
1250	0.63	
1600	0.64	
2000	0.66	0.6
2500	0.59	
3150	0.59	
4000	0.60	0.6
5000	0.61	

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

Description of test specimen:

Reverberation room volume: 200 m³
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 ² 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 m³
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

