Zilenzio Delta One

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room

Ackred. nr 10126
Provning
ISO/IEC 17025

Report number:
18-082-R1-B1
Date
2018-10-03

Frequency f [Hz]	Sound absorption area [m² Sabine]	
50	0.02	
63	0.02	0.0
80	0.01	
100	0.09	
125	0.11	0.1
160	0.07	
200	0.10	
250	0.25	0.2
315	0.32	
400	0.56	
500	0.57	0.6
630	0.71	
800	0.75	
1000	0.83	0.8
1250	0.83	
1600	0.87	
2000	0.85	0.9
2500	0.91	
3150	0.98	
4000	0.96	0.9
5000	0.89	

N_{10} = 17

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Delta One

Description of test specimen: Designed sound absorbent floating in the air, suspended by wires.
MDF core with mineral wool filling and cover of textile.
Size: 540 x 1330 x 60 mm.
The graph scaling deviates from ISO 354 to increase readability.

Reverberation room volume: 200 m³

Temperature: 17.3 °C (empty: 17.5 °C)

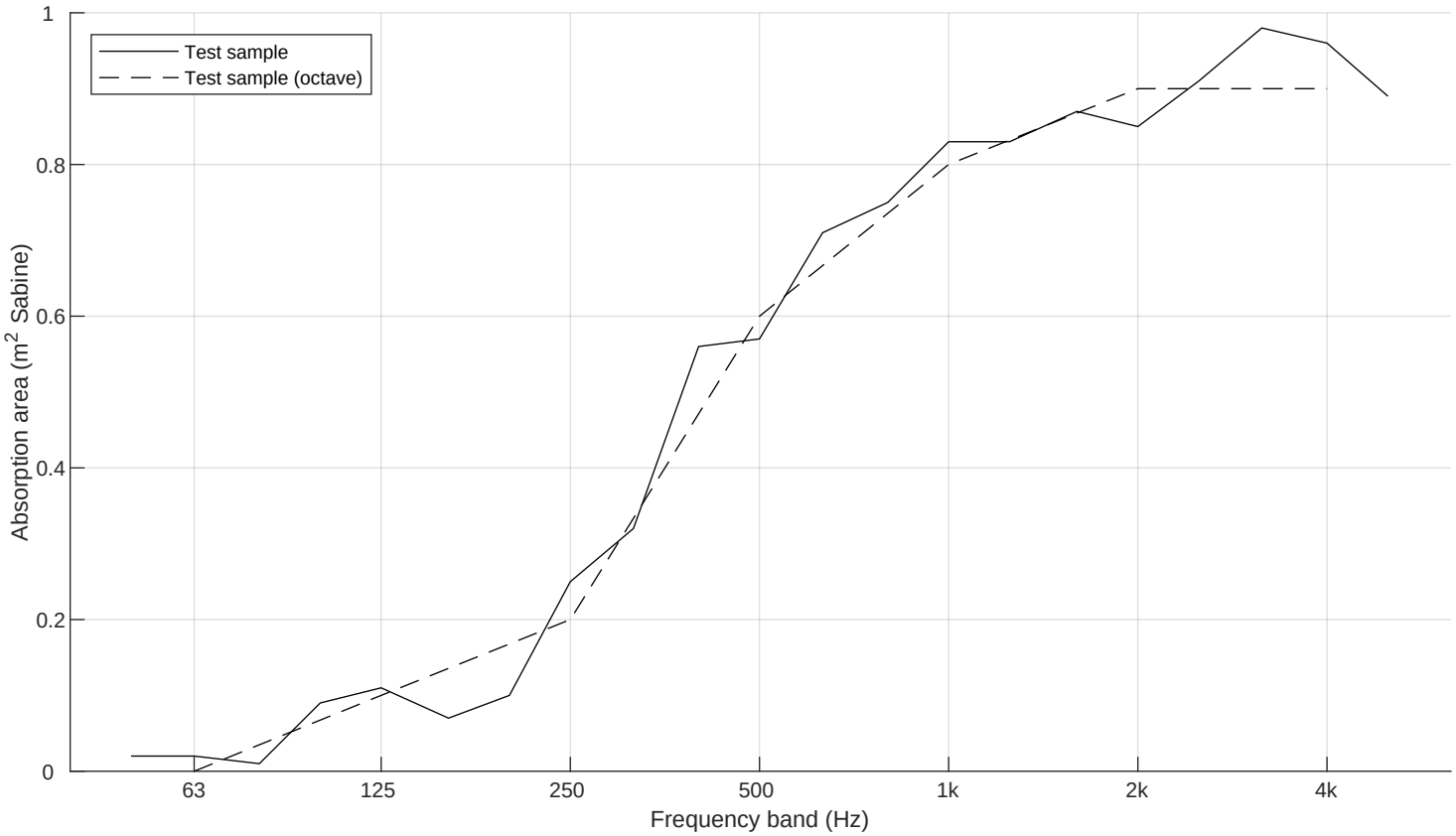
Air humidity: 44 % (empty: 44 %)

Air pressure: 100.0 kPa (empty:100.5 kPa)

Number of specimens: 3

Measurement date: 2018-09-25

Measured by: Staffan Andersson



AKUSTIKVERKSTAN

Zilenzio Delta Two

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room

Ackred. nr 10126
Provning
ISO/IEC 17025

Report number:
18-082-R1-B2
Date
2018-10-03

Frequency f [Hz]	Sound absorption area [m² Sabine]	
50	0.00	
63	0.03	0.0
80	0.04	
100	0.07	
125	0.13	0.1
160	0.13	
200	0.31	
250	0.35	0.4
315	0.44	
400	0.67	
500	0.67	0.7
630	0.71	
800	0.81	
1000	0.84	0.8
1250	0.80	
1600	0.90	
2000	0.93	0.9
2500	0.97	
3150	0.96	
4000	1.01	1.0
5000	0.89	

N_{10} = 14

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Delta Two

Description of test specimen: Designed sound absorbent floating in the air, suspended by wires.
MDF core with mineral wool filling and cover of textile.
Size: 730 x 990 x 60 mm.
The graph scaling deviates from ISO 354 to increase readability.

Reverberation room volume: 200 m³

Temperature: 17.5 °C (empty: 17.5 °C)

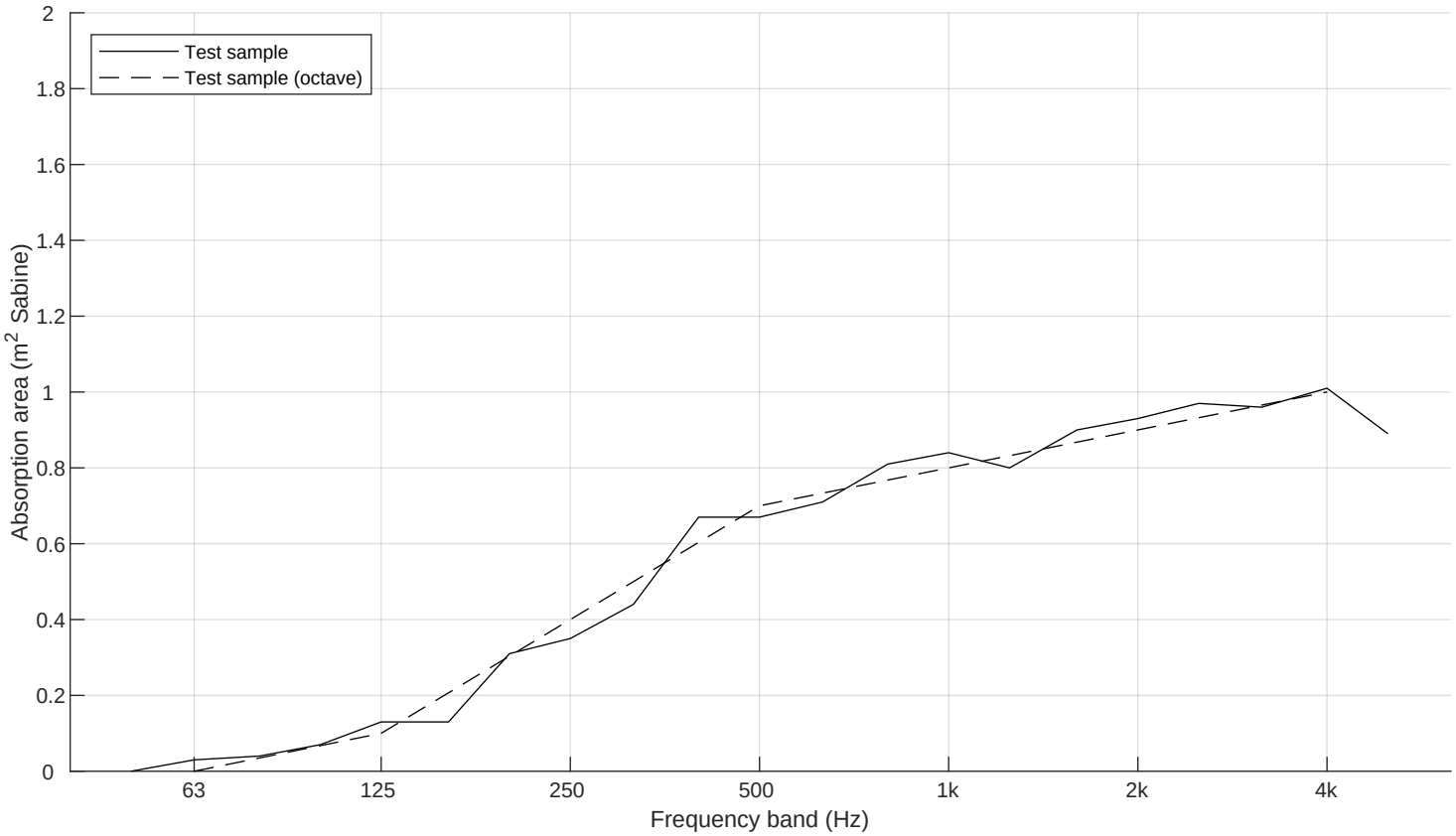
Air humidity: 44 % (empty: 44 %)

Air pressure: 100.5 kPa (empty:100.5 kPa)

Number of specimens: 3

Measurement date: 2018-09-25

Measured by: Staffan Andersson



AKUSTIKVERKSTAN

Zilenzio Delta Three

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room

Ackred. nr 10126
Provning
ISO/IEC 17025

Report number:
18-082-R1-B3
Date
2018-10-03

Frequency f [Hz]	Sound absorption area [m² Sabine]	
50	0.01	
63	0.01	0.0
80	0.01	
100	0.06	
125	0.08	0.1
160	0.06	
200	0.11	
250	0.17	0.2
315	0.22	
400	0.38	
500	0.42	0.4
630	0.47	
800	0.49	
1000	0.47	0.5
1250	0.52	
1600	0.55	
2000	0.56	0.6
2500	0.58	
3150	0.60	
4000	0.62	0.6
5000	0.54	

N_{10} = 25

Client: Zilenzio

Manufacturer: Zilenzio

Product identification: Delta three

Description of test specimen: Designed sound absorbent floating in the air, suspended by wires.
MDF core with mineral wool filling and cover of textile.
Size: 520 x 830 x 60 mm.
The graph scaling deviates from ISO 354 to increase readability.

Reverberation room volume: 200 m³

Temperature: 17.5 °C (empty: 17.5 °C)

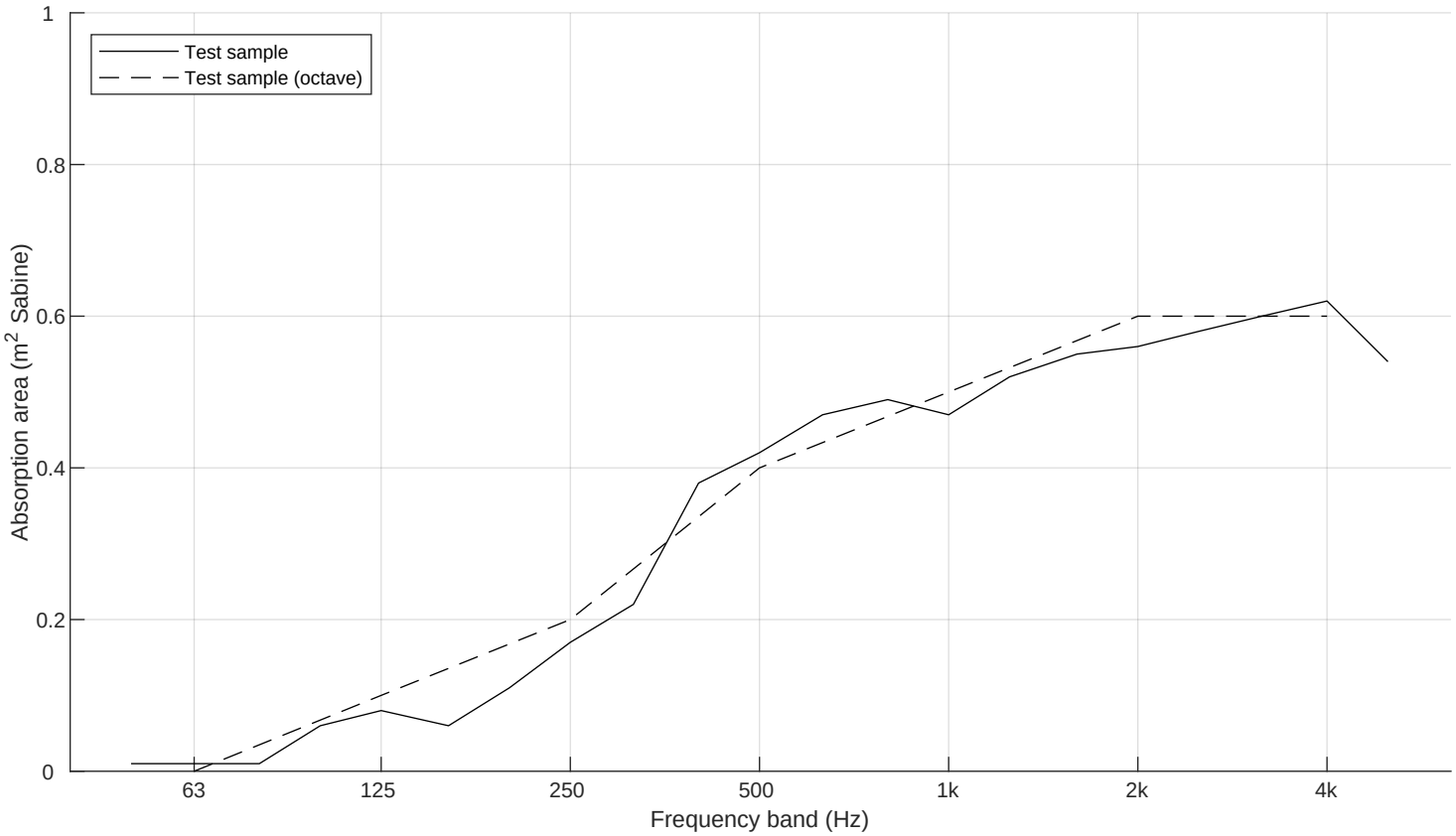
Air humidity: 44 % (empty: 44 %)

Air pressure: 100.5 kPa (empty:100.5 kPa)

Number of specimens: 5

Measurement date: 2018-09-25

Measured by: Staffan Andersson



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