Platz 2400x1200

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room

Report number: 19-728-M3

Date 2019-07-10

Frequency f [Hz]	Sound absorption area [m^2 Sabine]	
50	0.22	
63	0.28	0.3
80	0.34	
100	0.42	
125	1.01	0.9
160	1.32	
200	1.90	
250	1.93	2.0
315	2.14	
400	2.70	
500	3.06	3.1
630	3.42	
800	3.51	
1000	3.37	3.4
1250	3.38	
1600	3.27	
2000	3.08	3.1
2500	3.03	
3150	2.95	
4000	3.03	3.0
5000	2.92	

N_{10} = 3.3

Client: Din Akustik

Manufacturer: Din Akustik

Product identification: Platz

Description of test specimen: 2400x1200x50 mm, 100% Recycled PET covered in fabric with steel frame. Placed directly on floor.

Reverberation room volume: 200 m^3

Temperature: 19.0 °C (empty: 19.0 °C)

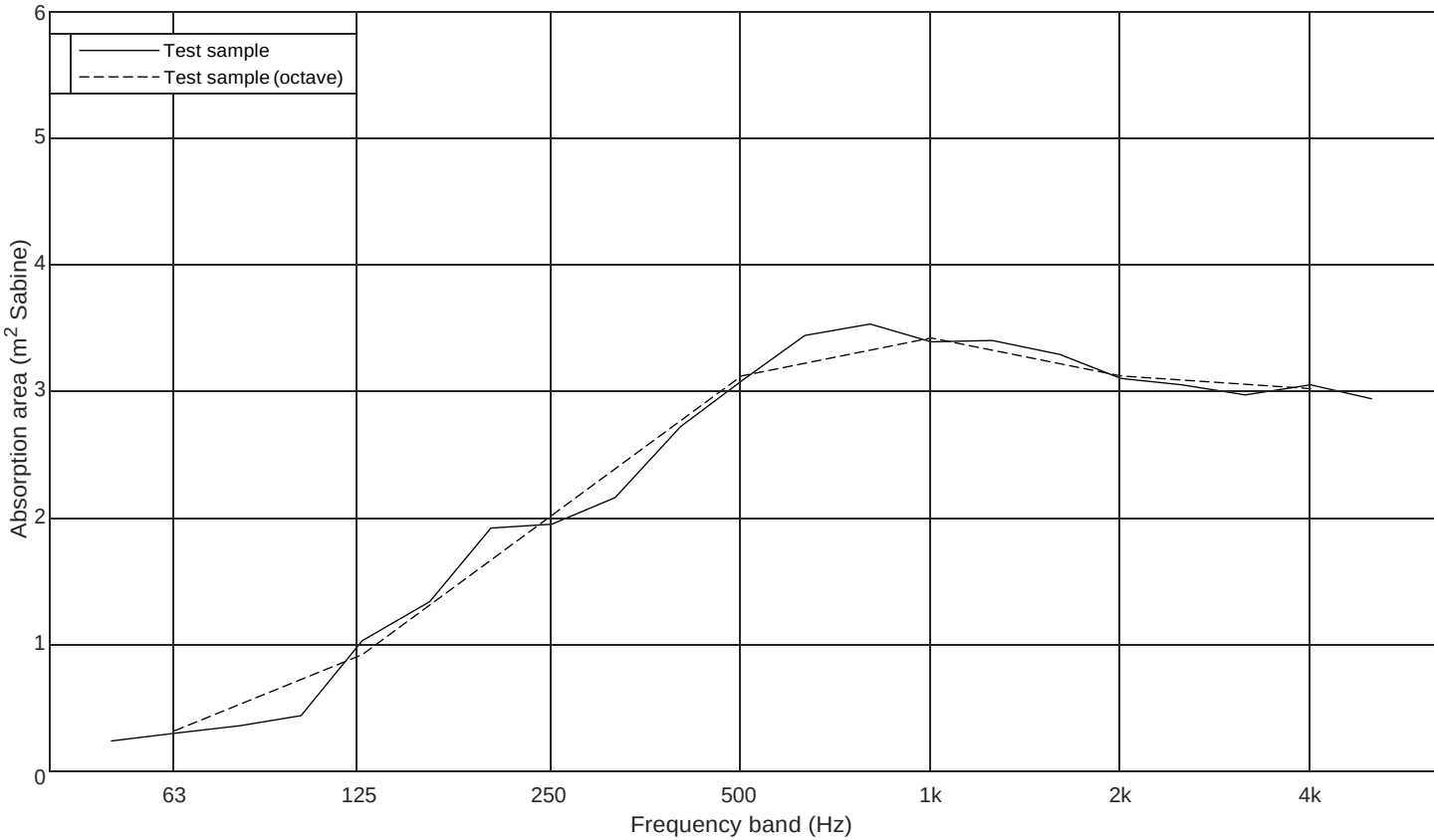
Air humidity: 57 % (empty: 55 %)

Air pressure: 100.0 kPa (empty:100.0 kPa)

Number of specimens: 2

Measurement date: 2019-06-25

Measured by: Staffan Andersson



AKUSTIKVERKSTAN

Platz 2400x1200 (50 mm air gap)

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room

Report number: 19-728-M4

Date 2019-07-10

Frequency f [Hz]	Sound absorption area [m^2 Sabine]	
50	0.16	
63	0.26	0.3
80	0.36	
100	0.56	
125	1.06	1.0
160	1.52	
200	2.06	
250	2.29	2.3
315	2.63	
400	3.19	
500	3.50	3.5
630	3.81	
800	4.06	
1000	3.88	4.0
1250	3.93	
1600	3.63	
2000	3.36	3.4
2500	3.34	
3150	3.25	
4000	3.34	3.3
5000	3.28	

N_{10} = 3

Client: Din Akustik

Manufacturer: Din Akustik

Product identification: Platz

Description of test specimen: 2400x1200x50 mm, 100% Recycled PET covered in fabric with steel frame. Placed on 50 mm thick blocks.

Reverberation room volume: 200 m^3

Temperature: 19.0 °C (empty: 19.0 °C)

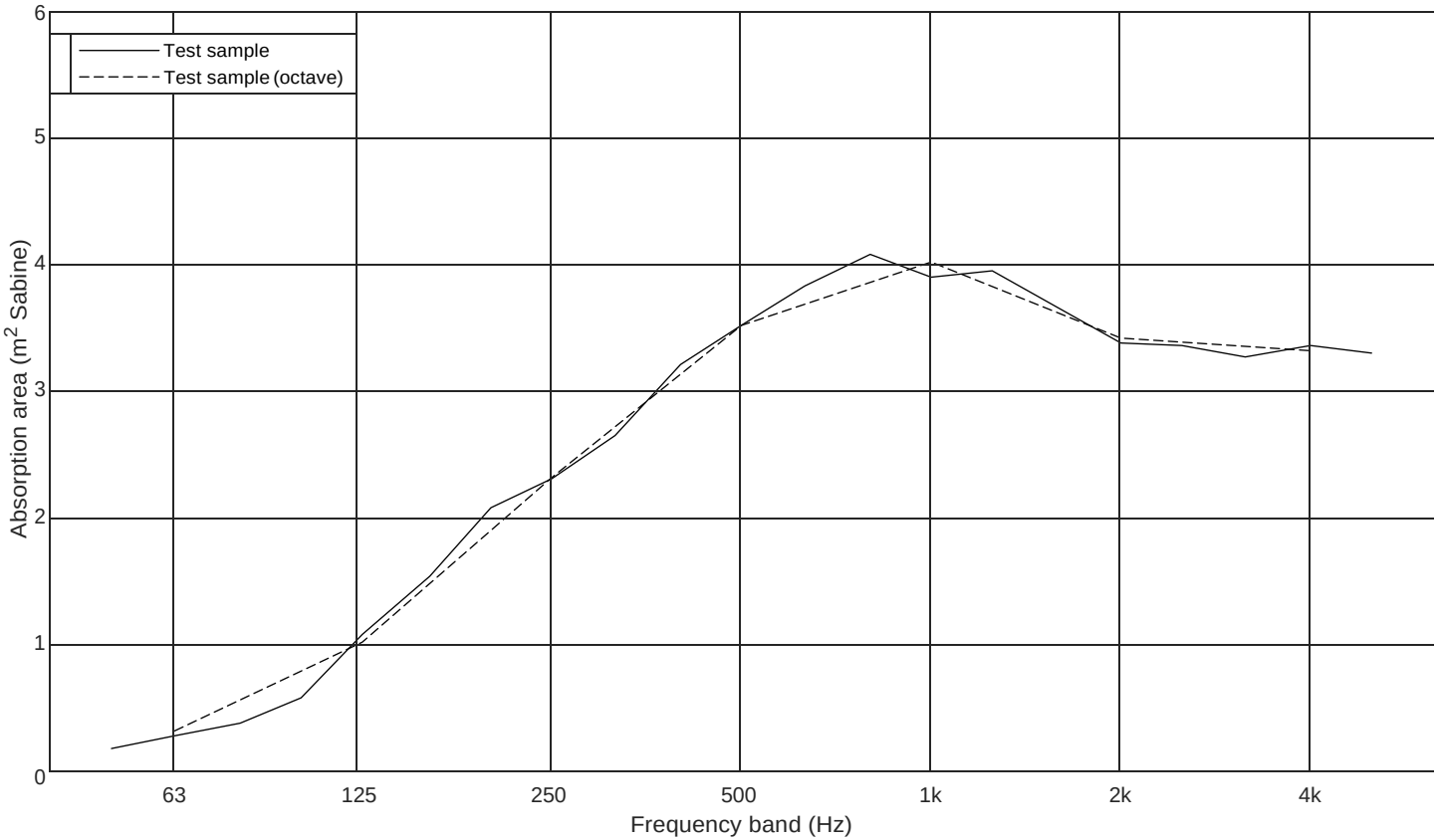
Air humidity: 57 % (empty: 55 %)

Air pressure: 100.0 kPa (empty:100.0 kPa)

Number of specimens: 2

Measurement date: 2019-06-25

Measured by: Staffan Andersson



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