

Zorla floor screen 1200 x 1100

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



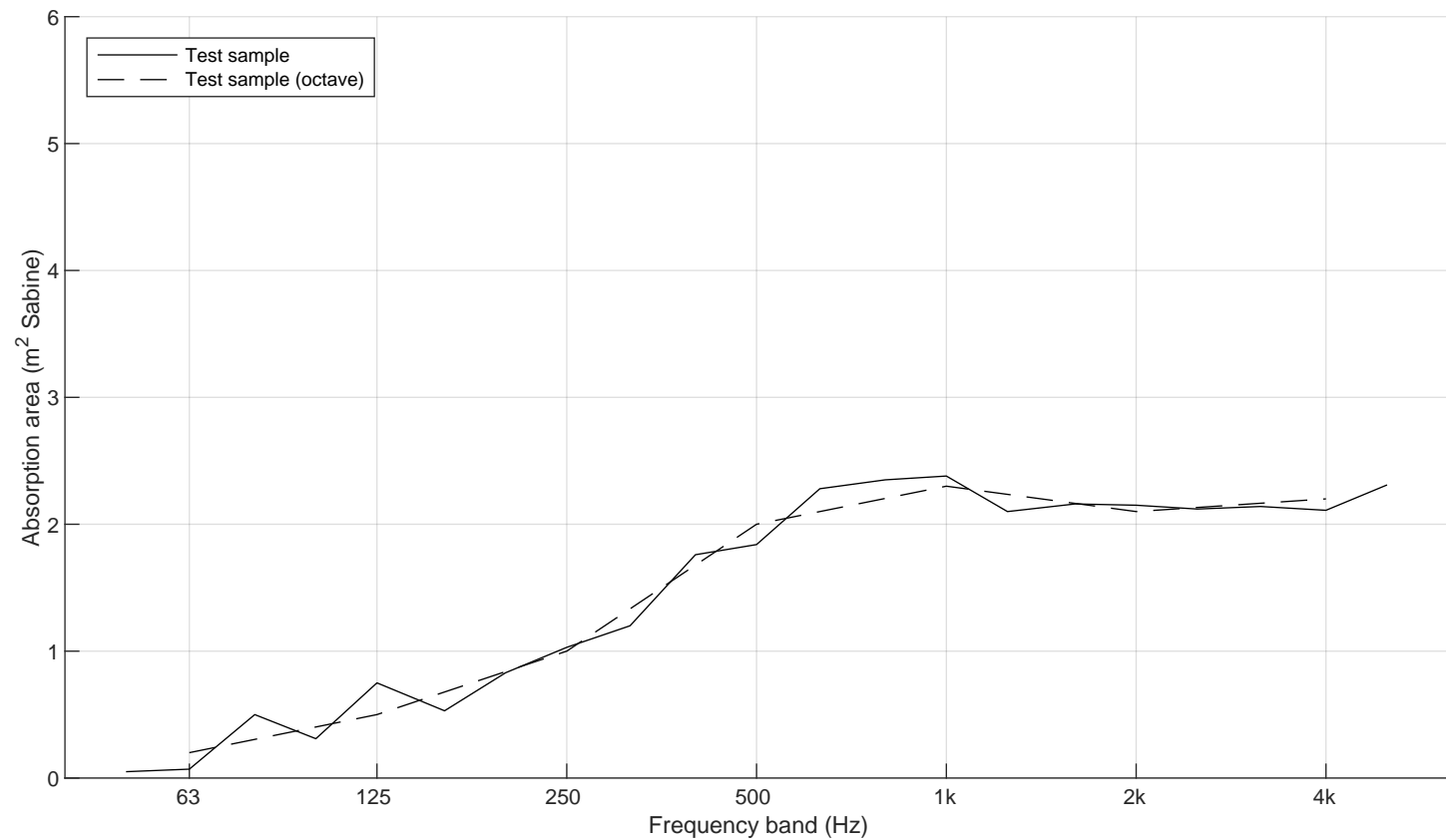
Report number:
19-733-M1
Date
2019-11-19

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.05	
63	0.07	0.2
80	0.50	
100	0.31	
125	0.75	0.5
160	0.53	
200	0.83	
250	1.03	1.0
315	1.20	
400	1.76	
500	1.84	2.0
630	2.28	
800	2.35	
1000	2.38	2.3
1250	2.10	
1600	2.16	
2000	2.15	2.1
2500	2.12	
3150	2.14	
4000	2.11	2.2
5000	2.31	

Client: Zilenzio AB
 Manufacturer: Zilenzio AB
 Product identification: Zorla
 Description of test specimen: Floor screen
 Width: 1200, height: 1100, thickness: 230 (mm).
 Mounted standing on floor.

Reverberation room volume: 200 m³
 Temperature: 15.5 °C (empty: 16.2 °C)
 Air humidity: 43% (empty: 41%)
 Air pressure: 97.9 kPa (empty: 97.9 kPa)
 Number of specimens: 1

Measurement date: 2019-11-13
 Measured by: Carl Nyqvist



$N_{10} = 5$

Zorla floor screen 1200 x 1500

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Measurement of sound absorption area in a reverberation room



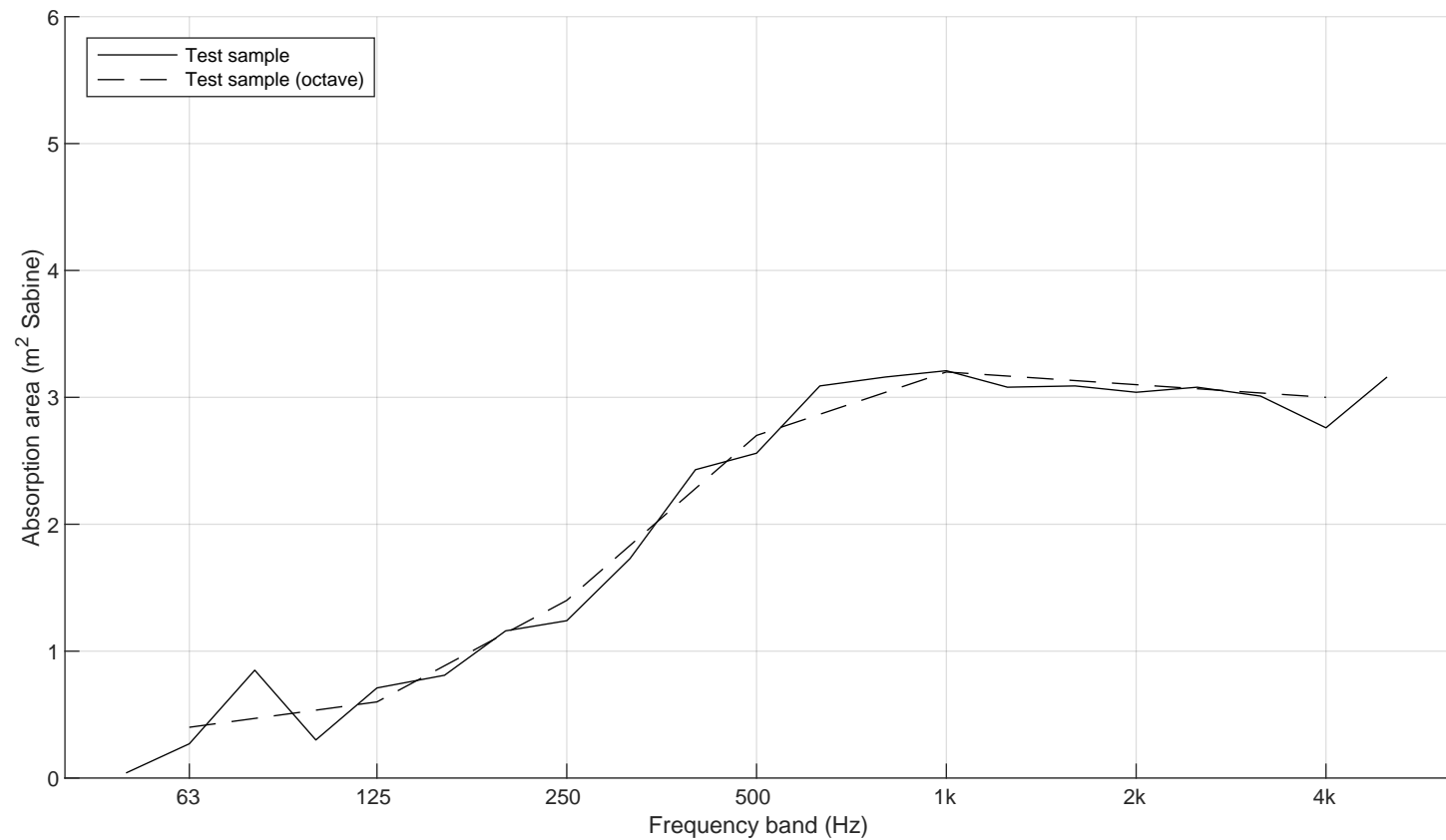
Report number:
19-733-M2
Date
2019-11-19

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.04	
63	0.27	0.4
80	0.85	
100	0.30	
125	0.71	0.6
160	0.81	
200	1.16	
250	1.24	1.4
315	1.73	
400	2.43	
500	2.56	2.7
630	3.09	
800	3.16	
1000	3.21	3.2
1250	3.08	
1600	3.09	
2000	3.04	3.1
2500	3.08	
3150	3.01	
4000	2.76	3.0
5000	3.16	

Client: Zilenzio AB
 Manufacturer: Zilenzio AB
 Product identification: Zorla
 Description of test specimen: Floor screen
 Width: 1200, height: 1500, thickness: 230 (mm).
 Mounted standing on floor.

Reverberation room volume: 200 m³
 Temperature: 15.1 °C (empty: 16.2 °C)
 Air humidity: 43 % (empty: 41 %)
 Air pressure: 97.9 kPa (empty: 97.9 kPa)
 Number of specimens: 1

Measurement date: 2019-11-13
 Measured by: Carl Nyqvist



$$N_{10} = 3.7$$