

Mood Fabric Mobile, 1500x1960 mm

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



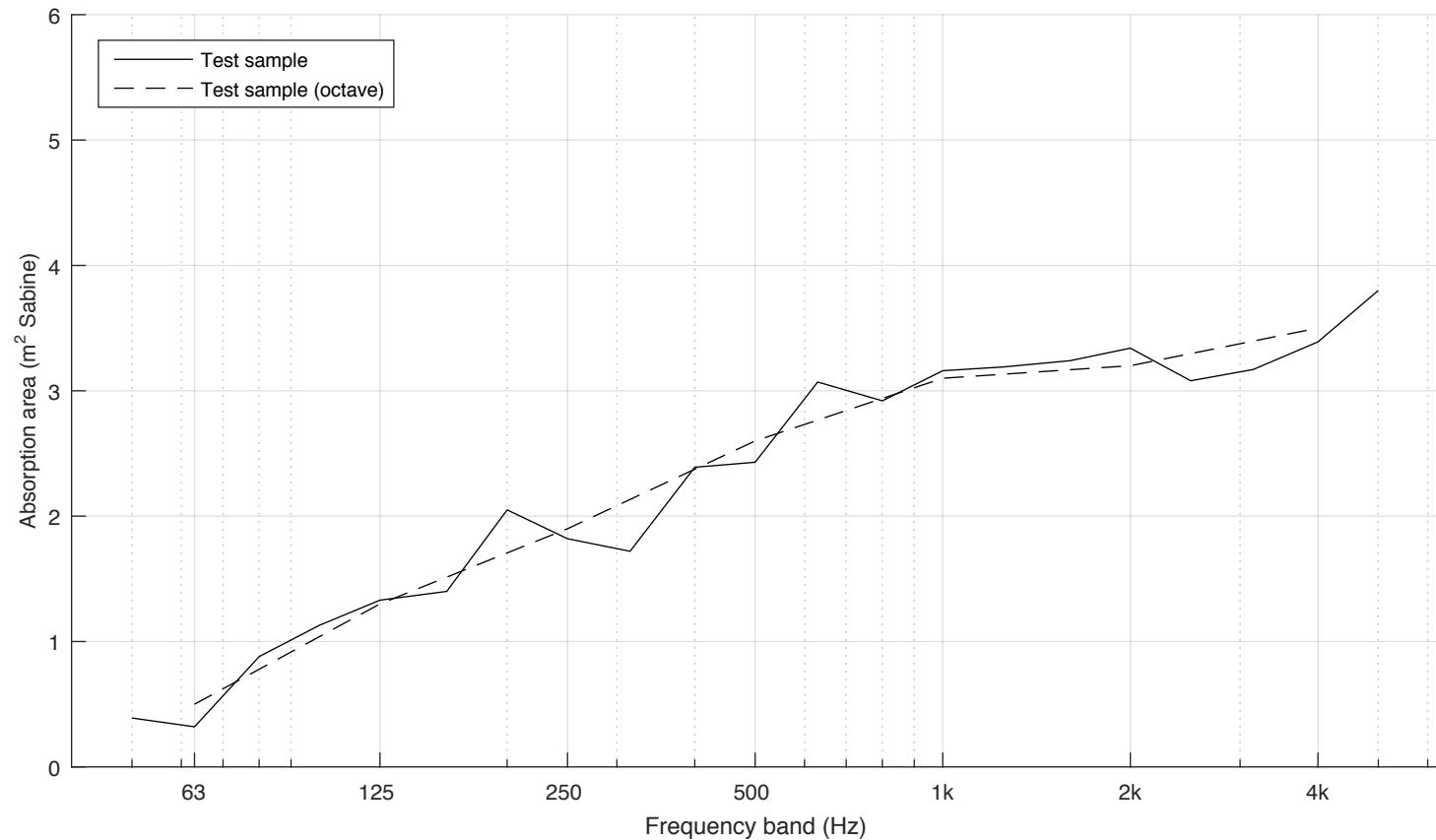
Report number:
16-092-M2
Date
2016-05-30

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.39	
63	0.32	0.5
80	0.88	
100	1.13	
125	1.33	1.3
160	1.40	
200	2.05	
250	1.82	1.9
315	1.72	
400	2.39	
500	2.43	2.6
630	3.07	
800	2.92	
1000	3.16	3.1
1250	3.19	
1600	3.24	
2000	3.34	3.2
2500	3.08	
3150	3.17	
4000	3.39	3.5
5000	3.80	

Client: Lintex
 Manufacturer: Lintex
 Product identification: Mood Fabric Mobile
 Description of test specimen: Size: 1500 x 1960 mm
 Average of 3 measurements with 1 object.

Reverberation room volume: 200 m³
 Temperature: 18.5 °C (empty: 21.5 °C)
 Air humidity: 38 % (empty: 37 %)
 Air pressure: 98.5 kPa (empty: 98.5 kPa)
 Number of specimens: 1

Measurement date: 2016-04-15
 Measured by: Magnus Karlsson



Mood Fabric Mobile, 1000x1960 mm

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
16-092-M1
Date
2016-05-30

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.17	
63	0.13	0.2
80	0.25	
100	0.26	
125	0.40	0.4
160	0.43	
200	0.59	
250	0.62	0.7
315	0.89	
400	1.05	
500	1.23	1.3
630	1.52	
800	1.60	
1000	1.59	1.6
1250	1.56	
1600	1.60	
2000	1.53	1.5
2500	1.50	
3150	1.44	
4000	1.50	1.5
5000	1.69	

Client: Lintex
Manufacturer: Lintex
Product identification: Mood Fabric Mobile
Description of test specimen: Size: 1000 x 1960 mm.
Placed on floor.

Reverberation room volume: 200 m³
Temperature: 20.6 °C (empty: 21.5 °C)
Air humidity: 37 % (empty: 37 %)
Air pressure: 98.5 kPa (empty: 98.5 kPa)
Number of specimens: 3

Measurement date: 2016-04-15
Measured by: Magnus Karlsson

