

Sound off 600x1000

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
16-239-M16
Date
2017-01-16

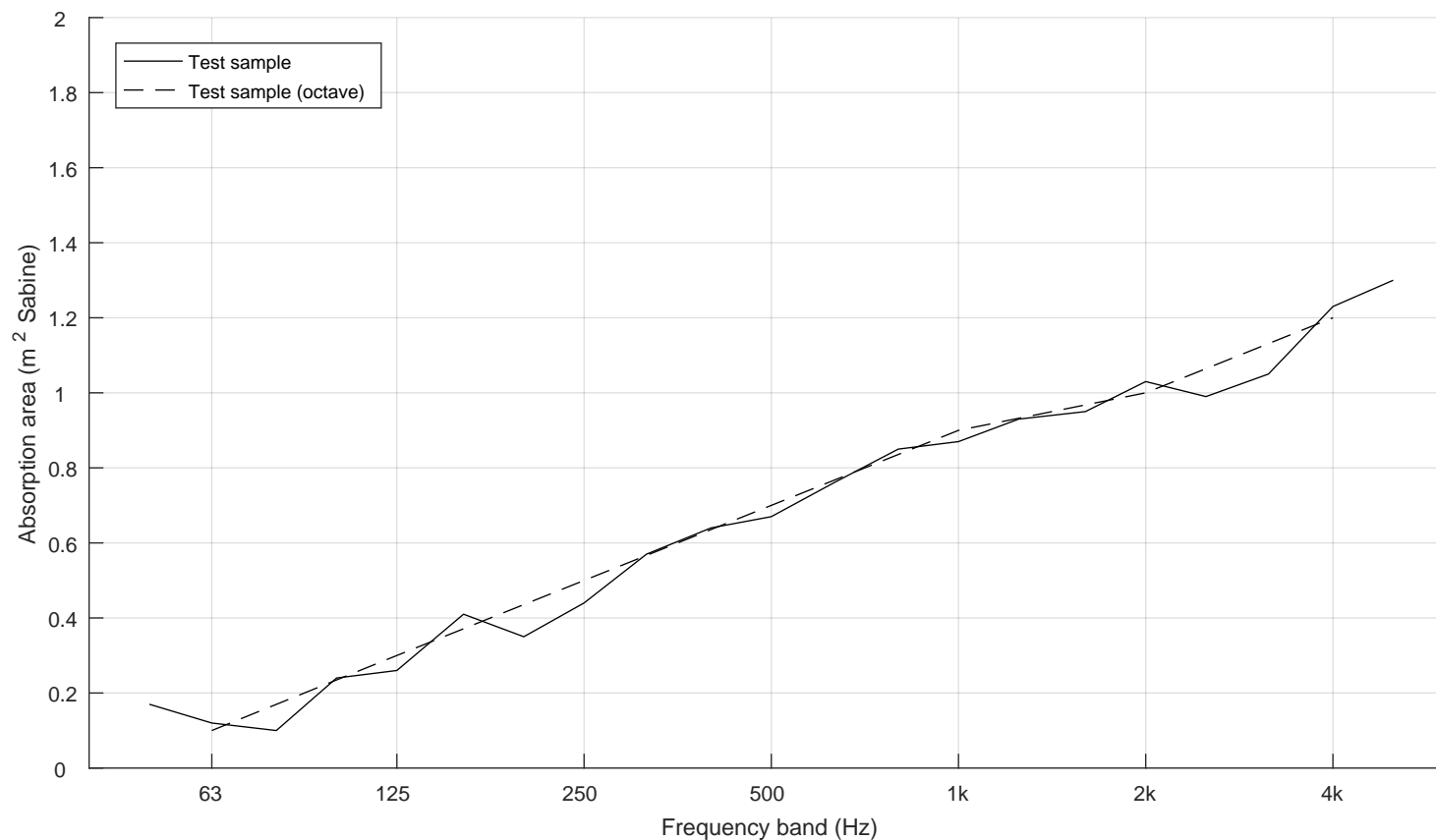
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.17	
63	0.12	0.1
80	0.10	
100	0.24	
125	0.26	0.3
160	0.41	
200	0.35	
250	0.44	0.5
315	0.57	
400	0.64	
500	0.67	0.7
630	0.76	
800	0.85	
1000	0.87	0.9
1250	0.93	
1600	0.95	
2000	1.03	1.0
2500	0.99	
3150	1.05	
4000	1.23	1.2
5000	1.30	

Client: Akustikmiljö
Manufacturer: Akustikmiljö
Product identification: Sound off 600x1000

Description of test specimen: Free hanging absorber 600x1000 mm. The graph scaling deviates from ISO 354 to increase readability.

Reverberation room volume: 200 m³
Temperature: 16.8 °C (empty: 15.4 °C)
Air humidity: 38 % (empty: 42 %)
Air pressure: 101.1 kPa (empty: 100.1 kPa)
Number of specimens: 4

Measurement date: 2016-12-14
Measured by: Johan Jernstedt



$$N_{10} = 14$$