

dB floor screen H-booth 1600 x 1600 x 1500 mm

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
17-360-M3
Date
2018-01-23

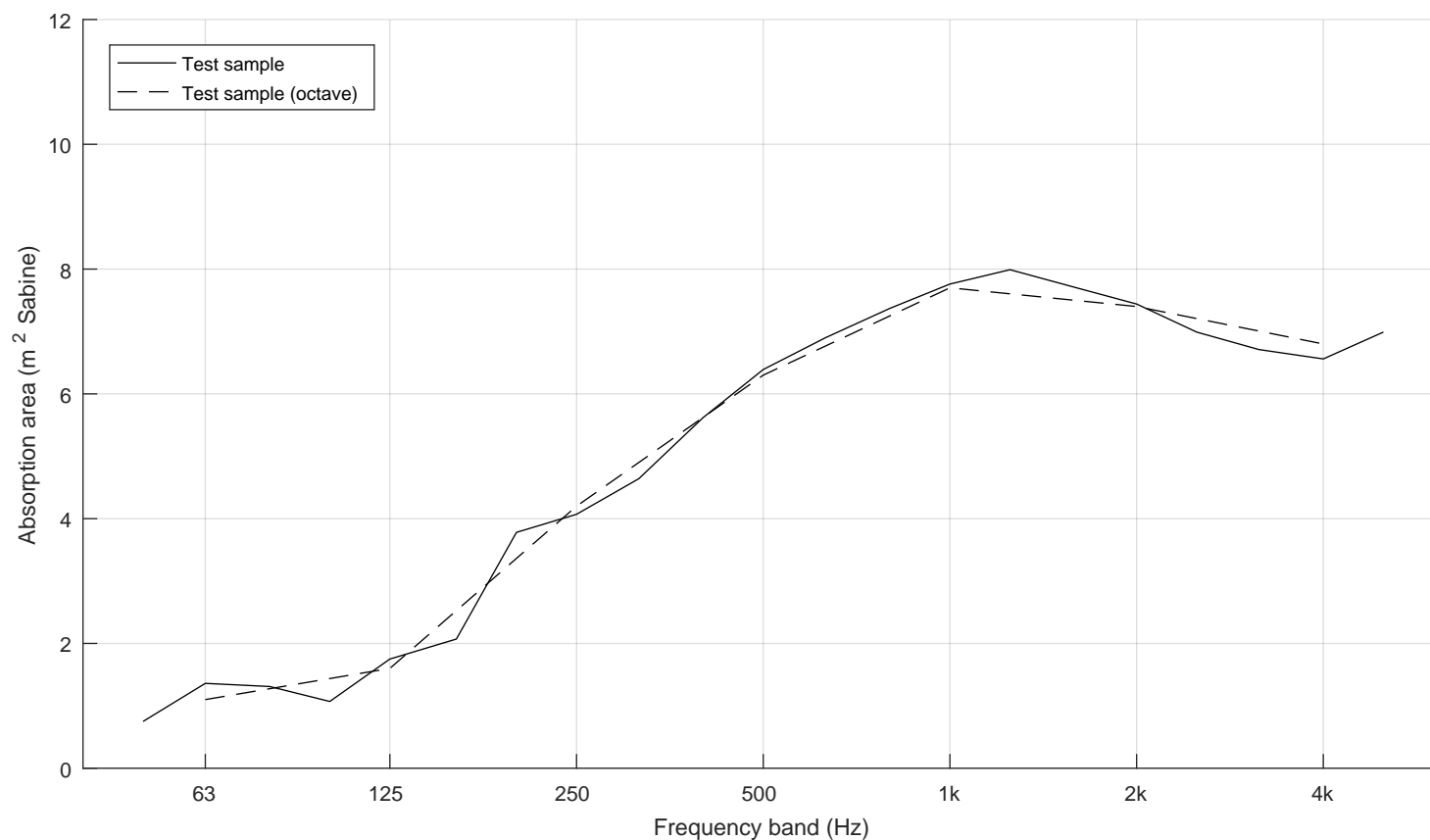
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.75	
63	1.36	1.1
80	1.31	
100	1.07	
125	1.75	1.6
160	2.07	
200	3.78	
250	4.07	4.2
315	4.64	
400	5.62	
500	6.39	6.3
630	6.90	
800	7.37	
1000	7.76	7.7
1250	7.99	
1600	7.70	
2000	7.44	7.4
2500	6.99	
3150	6.71	
4000	6.56	6.8
5000	6.99	

Client: Abstracta
Manufacturer: Abstracta
Product identification: dB floor screen H-booth

Description of test specimen: Three dB floor screens 1600 x 1500 x 30 mm, standing on the floor as an 'H'.

Reverberation room volume: 200 m³
Temperature: 15.5 °C (empty: 14.0 °C)
Air humidity: 37 % (empty: 41 %)
Air pressure: 96.0 kPa (empty: 96.0 kPa)
Number of specimens: 1

Measurement date: 2018-01-16
Measured by: Johan Jernstedt



$$N_{10} = 1.6$$