

# dB floor screen 800 x 1500 x 30 mm

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:  
17-360-M1  
Date  
2018-01-23

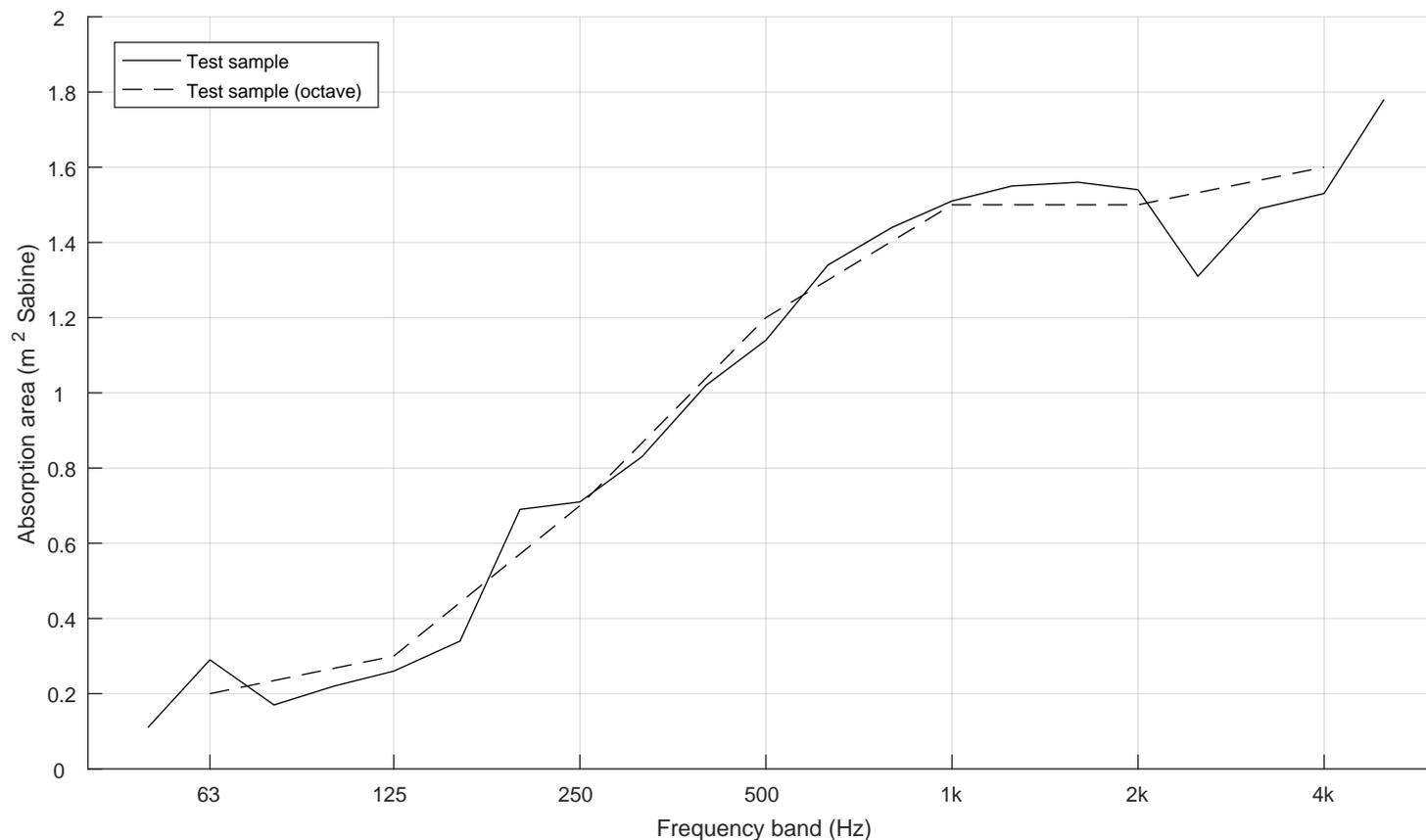
Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.11	
63	0.29	0.2
80	0.17	
100	0.22	
125	0.26	0.3
160	0.34	
200	0.69	
250	0.71	0.7
315	0.83	
400	1.02	
500	1.14	1.2
630	1.34	
800	1.44	
1000	1.51	1.5
1250	1.55	
1600	1.56	
2000	1.54	1.5
2500	1.31	
3150	1.49	
4000	1.53	1.6
5000	1.78	

Client: Abstracta  
 Manufacturer: Abstracta  
 Product identification: dB floor screen

Description of test specimen: Floor screen 800 x 1500 x 30 mm standing on floor. The graph scaling deviates from ISO 354 to increase readability.

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 17.0 °C (empty: 14.0 °C)  
 Air humidity: 36 % (empty: 41 %)  
 Air pressure: 96.0 kPa (empty: 96.0 kPa)  
 Number of specimens: 3

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



$N_{10} = 8.3$