

dB floor screen U-booth 1600 x 800 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-M5
Date
2018-01-24

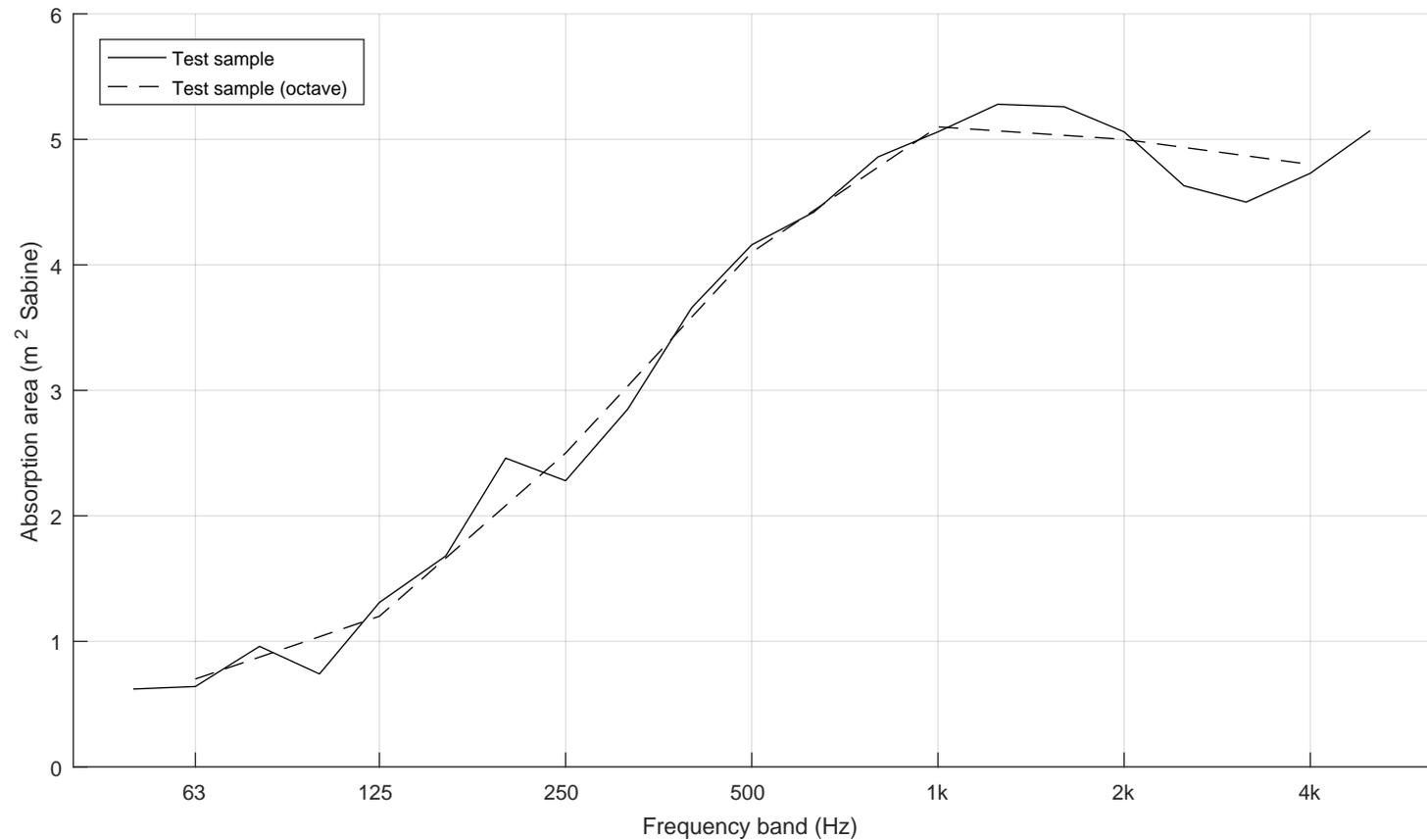
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.62	
63	0.64	0.7
80	0.96	
100	0.74	
125	1.31	1.2
160	1.68	
200	2.46	
250	2.28	2.5
315	2.85	
400	3.66	
500	4.16	4.1
630	4.42	
800	4.86	
1000	5.06	5.1
1250	5.28	
1600	5.26	
2000	5.06	5.0
2500	4.63	
3150	4.50	
4000	4.73	4.8
5000	5.07	

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

Description of test specimen: Two 800 x 1500 x 30 mm floor screens and one 1600 x 1500 x 30 mm floor screen standing on the floor in the shape of a wide 'U'.

Reverberation room volume: 200 m³
 Temperature: 15.0 °C (empty: 14.0 °C)
 Air humidity: 38 % (empty: 41 %)
 Air pressure: 96.0 kPa (empty: 96.0 kPa)
 Number of specimens: 2

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



$N_{10} = 2.4$