

Xrozz Floor Screen 1600x1600

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
18-701-M13
Date
2018-08-28

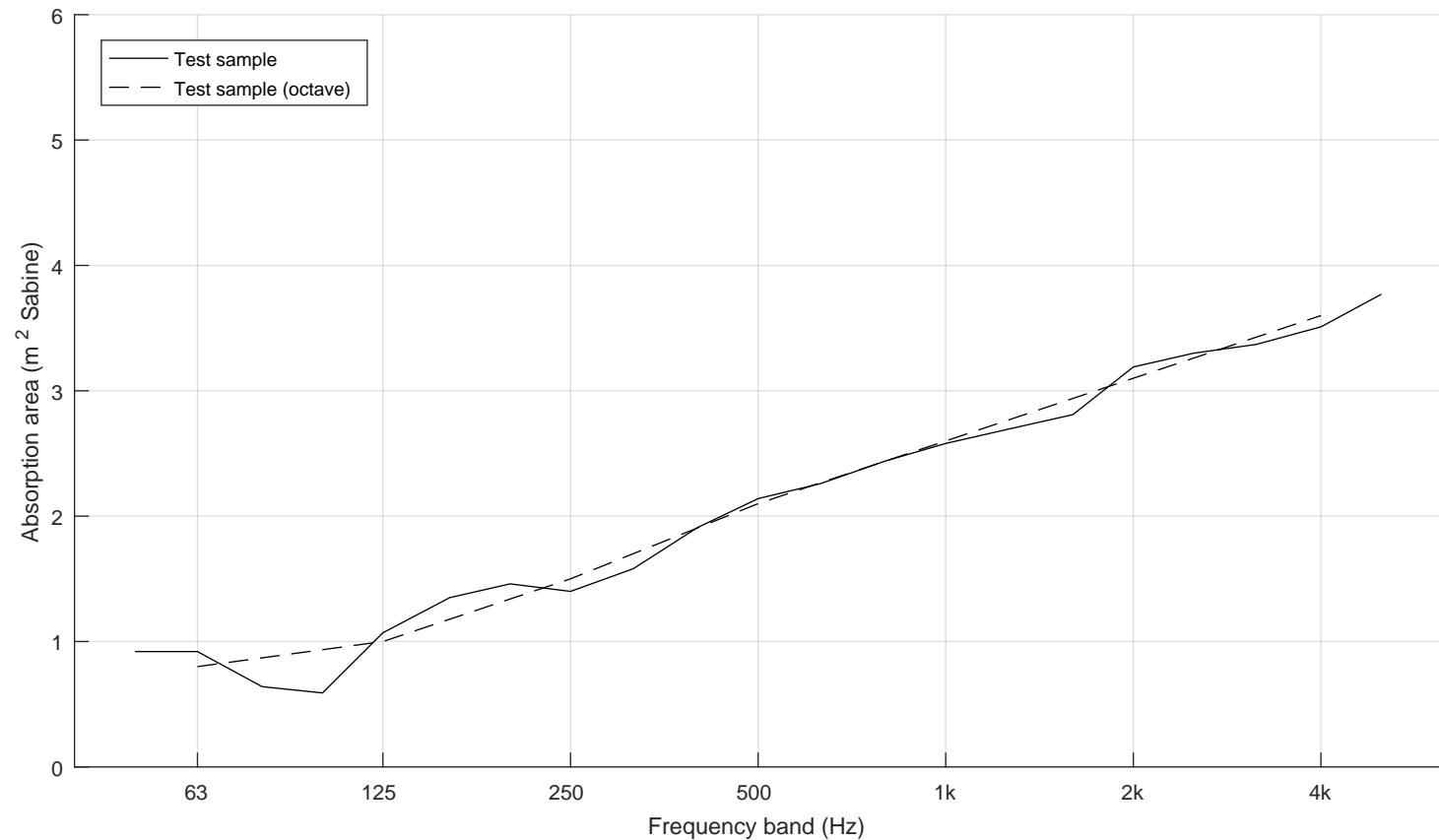
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.92	
63	0.92	0.8
80	0.64	
100	0.59	
125	1.07	1.0
160	1.35	
200	1.46	
250	1.40	1.5
315	1.58	
400	1.91	
500	2.14	2.1
630	2.26	
800	2.44	
1000	2.58	2.6
1250	2.69	
1600	2.81	
2000	3.19	3.1
2500	3.30	
3150	3.37	
4000	3.51	3.6
5000	3.77	

Client: Boom Interior
Manufacturer: Boom Interior
Product identification: Xrozz Floor Screen

Description of test specimen: Floor screen 1600 x 1600 x 40 mm placed directly on floor.

Reverberation room volume: 200 m³
Temperature: 19.5 °C (empty: 19.7 °C)
Air humidity: 62 % (empty: 60 %)
Air pressure: 98.8 kPa (empty: 98.8 kPa)
Number of specimens: 2

Measurement date: 2018-08-23
Measured by: Johan Jernstedt



$$N_{10} = 4.8$$