

Xrozz Floor Screen 800 x 1600

SOUND ABSORPTION AREA ACCORDING TO SS-EN ISO 354:2003, SS 25269:2013 and ISO 20189:2018

Measurement of sound absorption area in a reverberation room



Report number:
21-720-M16
Date
2021-07-12

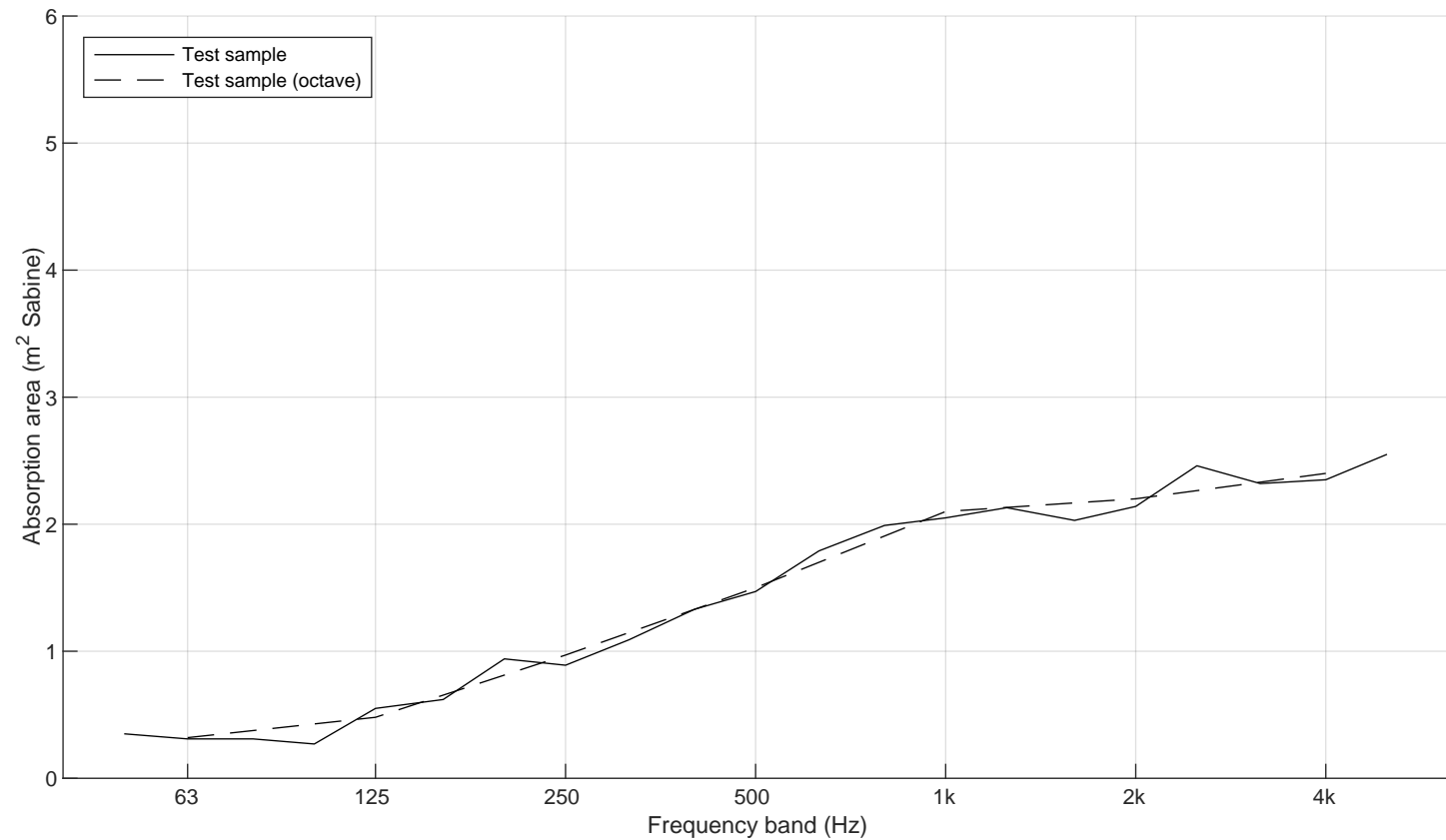
Frequency f [Hz]	Sound absorption area per object [m ² Sabine]	
50	0.35	
63	0.31	0.32
80	0.31	
100	0.27	
125	0.55	0.48
160	0.62	
200	0.94	
250	0.89	0.97
315	1.09	
400	1.33	
500	1.47	1.5
630	1.79	
800	1.99	
1000	2.05	2.1
1250	2.13	
1600	2.03	
2000	2.14	2.2
2500	2.46	
3150	2.32	
4000	2.35	2.4
5000	2.55	

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

Description of test specimen: Floor screen 800 x 1600 x 50 mm, placed directly on floor.

Reverberation room volume: 200 m³
Temperature: 21.4 °C (empty: 21.8 °C)
Air humidity: 59 % (empty: 56 %)
Air pressure: 99.4 kPa (empty: 99.4 kPa)
Number of objects: 3

Measurement date: 2021-06-23
Measured by: Carl Nyqvist



$N_{10} = 6.7$