

Xrozz Absorption 1600 x 800

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-M12
Date
2021-07-12

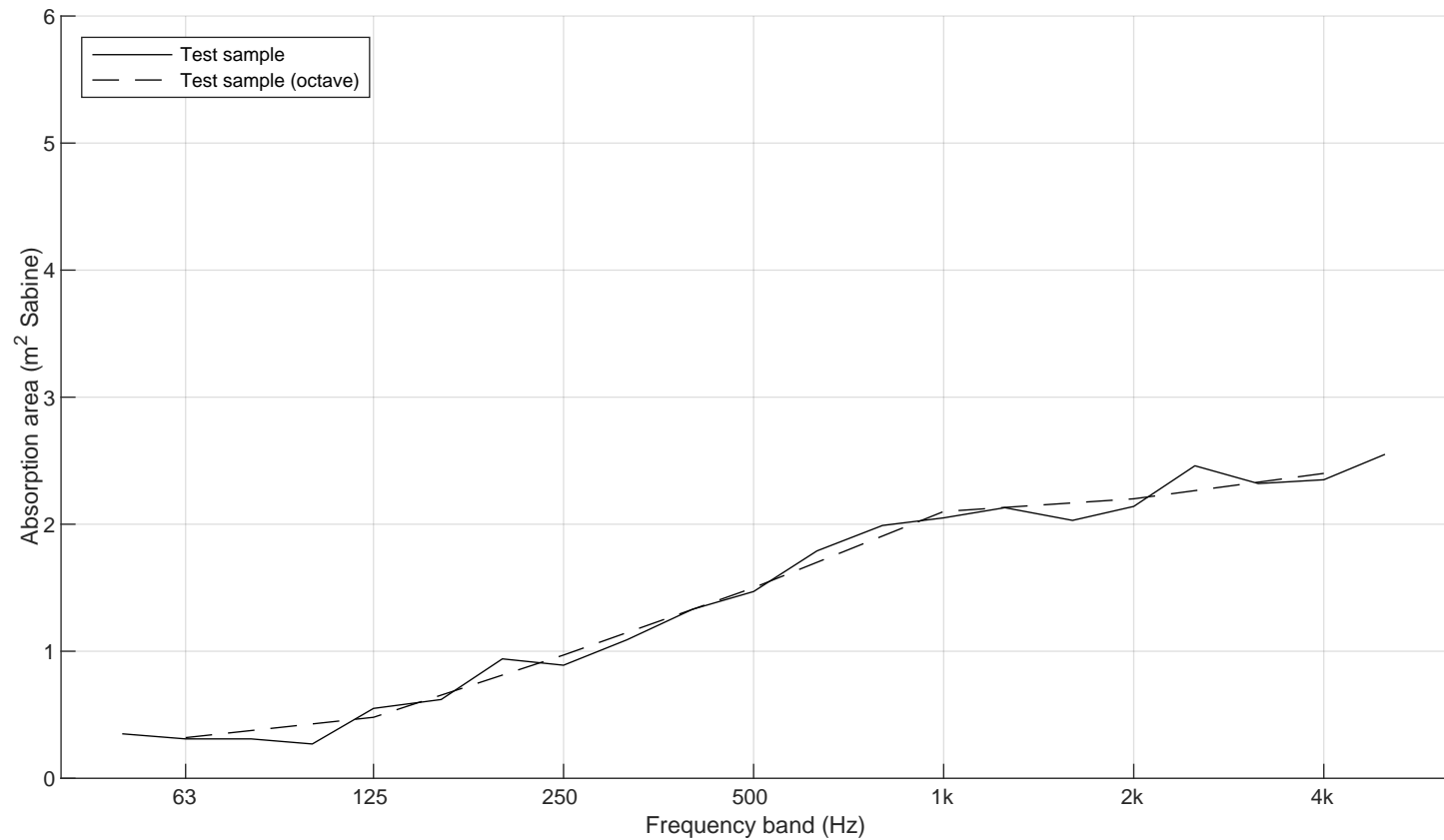
Frequency f [Hz]	Sound absorption area per object [m ² Sabine]	
50	0.35	
63	0.31	0.32
80	0.31	
100	0.27	
125	0.55	0.48
160	0.62	
200	0.94	
250	0.89	0.97
315	1.09	
400	1.33	
500	1.47	1.5
630	1.79	
800	1.99	
1000	2.05	2.1
1250	2.13	
1600	2.03	
2000	2.14	2.2
2500	2.46	
3150	2.32	
4000	2.35	2.4
5000	2.55	

Client: Boom Interior
Manufacturer: Boom Interior
Product identification: Xrozz Absorption

Description of test specimen: Table screen 1600 x 800 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



$N_{10} = 6.7$