

Xrozz Floor Screen 800 x 1200

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

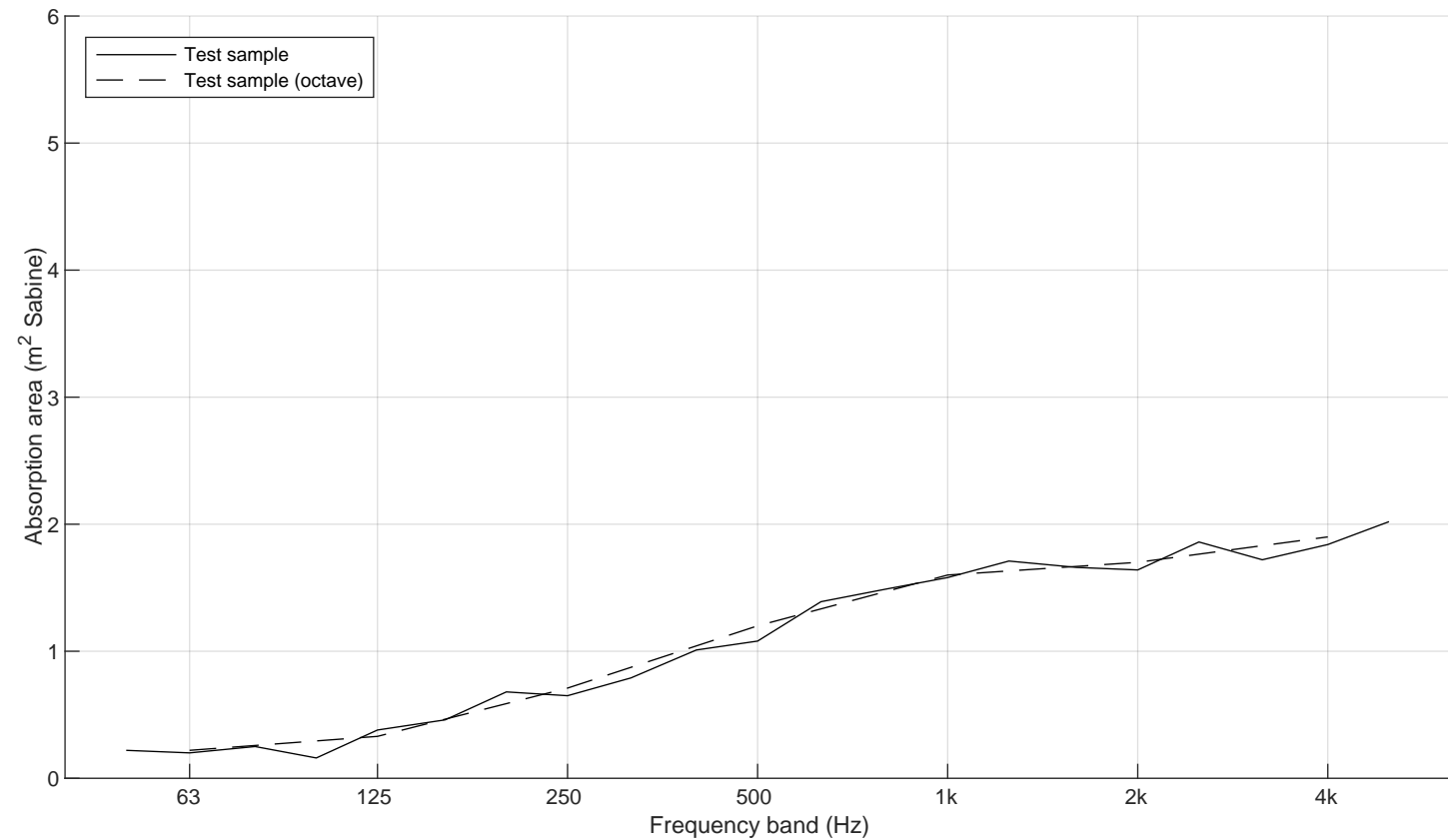


Report number:
21-720-M14
Date
2021-07-12

Frequency f [Hz]	Sound absorption area per object [m ² Sabine]	
50	0.22	
63	0.20	0.22
80	0.25	
100	0.16	
125	0.38	0.33
160	0.46	
200	0.68	
250	0.65	0.71
315	0.79	
400	1.01	
500	1.08	1.2
630	1.39	
800	1.49	
1000	1.58	1.6
1250	1.71	
1600	1.66	
2000	1.64	1.7
2500	1.86	
3150	1.72	
4000	1.84	1.9
5000	2.02	

Client: Boom Interior
 Manufacturer: Boom Interior
 Product identification: Xrozz Floor Screen
 Description of test specimen: Floor screen 800 x 1200 x 50 mm, placed directly on floor.

Reverberation room volume: 200 m³
 Temperature: 21.4 °C (empty: 21.8 °C)
 Air humidity: 58 % (empty: 56 %)
 Air pressure: 99.4 kPa (empty: 99.4 kPa)
 Number of objects: 3
 Measurement date: 2021-06-23
 Measured by: Carl Nyqvist



$N_{10} = 8.3$