

# Xrozz Floor Screen 1600 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



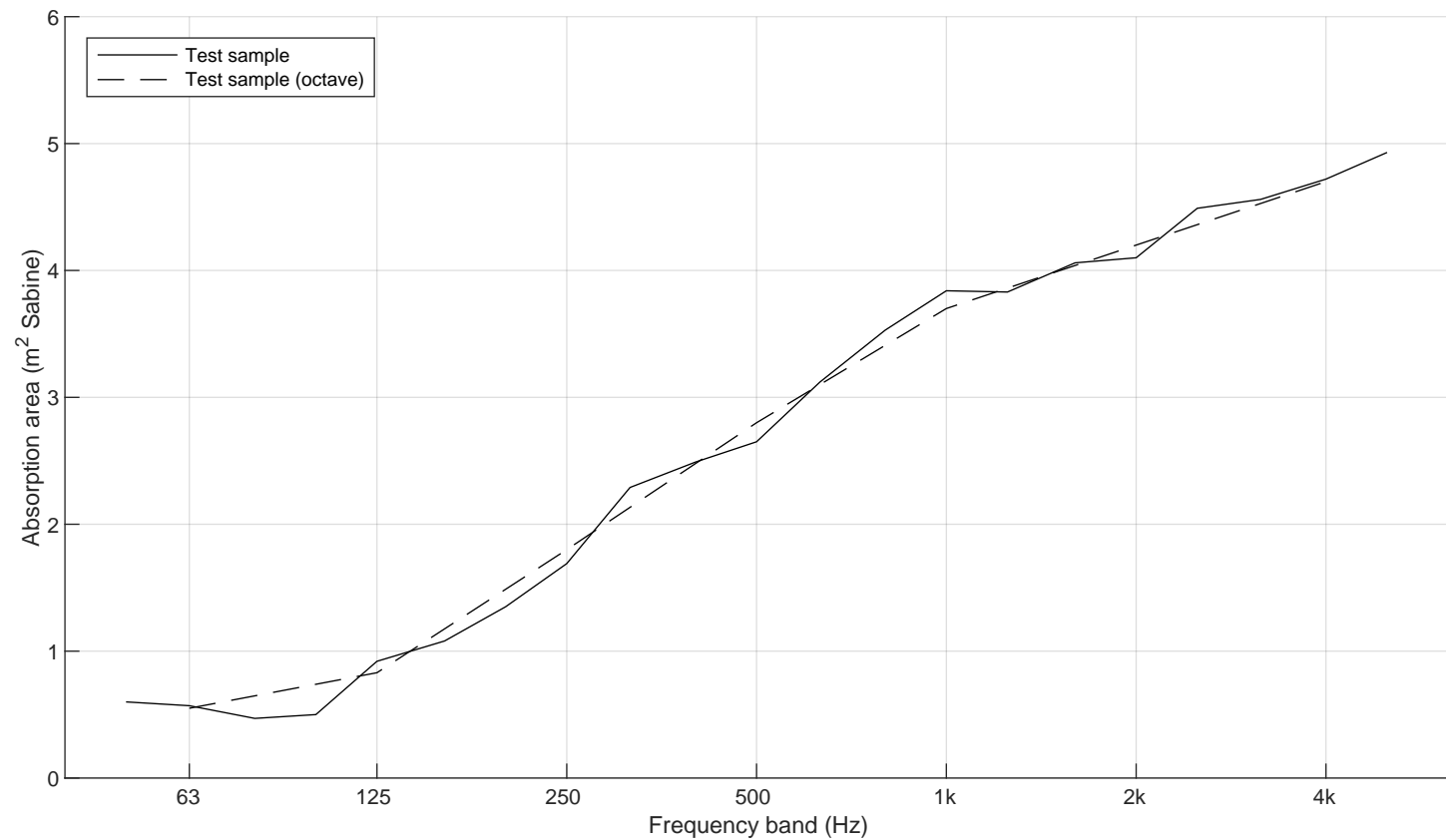
Report number:  
21-720-M23  
Date  
2021-07-07

Frequency f [Hz]	Sound absorption area per object [m <sup>2</sup> Sabine]	
50	0.60	
63	0.57	0.55
80	0.47	
100	0.50	
125	0.92	0.83
160	1.08	
200	1.35	
250	1.69	1.8
315	2.29	
400	2.49	
500	2.65	2.8
630	3.12	
800	3.53	
1000	3.84	3.7
1250	3.83	
1600	4.06	
2000	4.10	4.2
2500	4.49	
3150	4.56	
4000	4.72	4.7
5000	4.93	

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 m<sup>3</sup>  
 Temperature: 21.2 °C (empty: 21.8 °C)  
 Air humidity: 60 % (empty: 56 %)  
 Air pressure: 99.4 kPa (empty: 99.4 kPa)  
 Number of objects: 2

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



$N_{10} = 3.6$