

Xrozz Absorption Reinforced 1600x800

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
18-701-M18
Date
2018-09-04

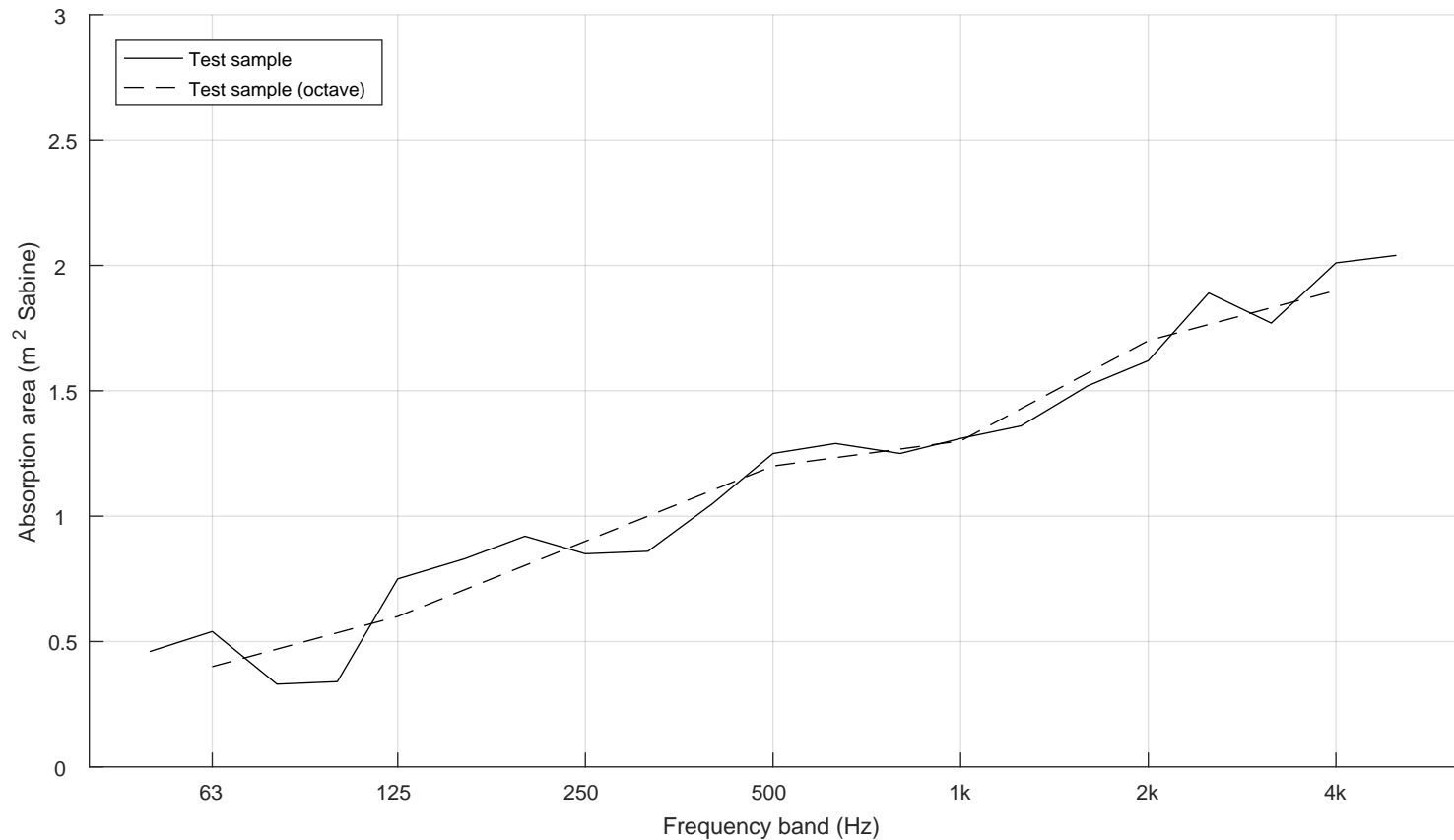
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.46	
63	0.54	0.4
80	0.33	
100	0.34	
125	0.75	0.6
160	0.83	
200	0.92	
250	0.85	0.9
315	0.86	
400	1.05	
500	1.25	1.2
630	1.29	
800	1.25	
1000	1.31	1.3
1250	1.36	
1600	1.52	
2000	1.62	1.7
2500	1.89	
3150	1.77	
4000	2.01	1.9
5000	2.04	

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

Description of test specimen: Table screen 1600 x 800 x 40 mm placed directly on floor.
 The graph scaling deviates from ISO 354 to increase readability.

Reverberation room volume: 200 m³
 Temperature: 19.6 °C (empty: 19.7 °C)
 Air humidity: 61 % (empty: 60 %)
 Air pressure: 98.8 kPa (empty: 98.8 kPa)
 Number of specimens: 2

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



$N_{10} = 8.3$