

Xrozz Absorption 1400 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-M11
Date
2021-07-12

Frequency f [Hz]	Sound absorption area per object [m ² Sabine]	
50	0.30	
63	0.26	0.28
80	0.29	
100	0.23	
125	0.50	0.42
160	0.53	
200	0.81	
250	0.76	0.84
315	0.95	
400	1.13	
500	1.35	1.4
630	1.67	
800	1.79	
1000	1.78	1.8
1250	1.92	
1600	1.80	
2000	1.90	1.9
2500	2.11	
3150	2.07	
4000	2.17	2.2
5000	2.34	

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

Description of test specimen: Table screen 1400 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

$N_{10} = 7.1$

