

Xrozz Floor Screen 1000 x 1400

SOUND ABSORPTION AREA - CALCULATED FROM MEASUREMENTS

Calculated sound absorption area from ISO 354:2003 reverberation room measurements, evaluated according to ISO 20189:2018



Report number:
21-720-M19
Date
2021-07-12

Frequency f [Hz]	Sound absorption area per object [m ² Sabine]	
50	0.36	
63	0.35	0.36
80	0.37	
100	0.27	
125	0.70	0.52
160	0.59	
200	1.05	
250	1.09	1.1
315	1.29	
400	1.49	
500	1.59	1.7
630	2.02	
800	2.25	
1000	2.35	2.3
1250	2.32	
1600	2.35	
2000	2.45	2.5
2500	2.77	
3150	2.60	
4000	2.67	2.7
5000	2.92	

Client: Boom Interior
 Manufacturer: Boom Interior
 Product identification: Xrozz Floor Screen
 Description of test specimen: Floor screen 1000 x 1400 x 50 mm.

Interpolation according to ISO 20189:2018 appendix E, based on measurements:
 21-720-M16 Xrozz Floor Screen 800x1600x50.txt
 and
 21-720-M17 Xrozz Floor Screen 800x1800x50.txt

	Height	Width
Object 1 size	1600	800
Object 2 size	1800	800
Interpolated object size	1400	1000

Area difference 3 %

$N_{10} = 5.9$

