

# Xrozz Floor Screen 1400x1400

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:  
**18-701-M12**  
Date  
**2018-08-31**

Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.59	
63	0.80	0.6
80	0.50	
100	0.39	
125	0.79	0.7
160	0.94	
200	1.20	
250	1.23	1.2
315	1.20	
400	1.42	
500	1.66	1.6
630	1.78	
800	1.94	
1000	1.98	2.0
1250	2.10	
1600	2.17	
2000	2.39	2.4
2500	2.56	
3150	2.67	
4000	2.82	2.8
5000	2.85	

Client: Boom Interior  
 Manufacturer: Boom Interior  
 Product identification: Xrozz Floor Screen

Description of test specimen: Floor screen 1400 x 1400 x 40 mm placed directly on floor.

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 19.5 °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

$$N_{10} = 6.3$$

