

Mezzo floor screen 1600 x 1900

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
16-136-R1-M1
Date
2016-06-09

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.01	
63	0.13	0.1
80	0.11	
100	0.14	
125	0.15	0.2
160	0.36	
200	0.34	
250	0.89	0.8
315	1.04	
400	1.39	
500	1.54	1.4
630	1.41	
800	1.48	
1000	1.50	1.5
1250	1.41	
1600	1.53	
2000	1.43	1.5
2500	1.44	
3150	1.52	
4000	1.59	1.6
5000	1.77	

Client: ZilenZio AB
 Manufacturer: ZilenZio AB
 Product identification: Mezzo floor screen

Description of test specimen: Screen size 1600 x 1000 x 70 mm.
 Total size 1600 x 1900 mm.
 Mounted with metal stand, standing on floor.
 Average of 3 different positions.

Reverberation room volume: 200 m³
 Temperature: 16.3 °C (empty: 16.0 °C)
 Air humidity: 64 % (empty: 60 %)
 Air pressure: 98.7 kPa (empty: 98.7 kPa)
 Number of specimens: 1

Measurement date: 2016-05-23
 Measured by: Carl Nyqvist

$$N_{10} = 7$$

