

Classic floor screen 1200x1800

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
16-058-M2
Date
2016-03-30

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.30	0.3
80	0.46	
100	0.48	
125	0.40	0.5
160	0.71	
200	1.11	
250	1.68	1.7
315	2.25	
400	3.03	
500	3.57	3.5
630	3.87	
800	3.84	
1000	3.99	3.9
1250	3.91	
1600	3.73	
2000	3.76	3.8
2500	3.76	
3150	3.86	
4000	3.70	3.7
5000	3.56	

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

Description of test specimen: 1200 x 1800 mm.
Mounted standing on floor.

Reverberation room volume: 200 m³
Temperature: 17.7°C (empty: 18.3°C)
Air humidity: 39% (empty: 40%)
Air pressure: 98.0 kPa (empty: 98.0 kPa)
Number of specimens: 3

Measurement date: 2016-03-21
Measured by: Carl Nyqvist

