

Wall, 1170 x 2340 mm group of objects

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
15-226-M11
Date
2015-11-13

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.03	0.0
80	0.00	
100	0.00	
125	0.09	0.1
160	0.12	
200	0.18	
250	0.18	0.2
315	0.26	
400	0.45	
500	0.66	0.7
630	1.02	
800	1.42	
1000	1.70	1.7
1250	2.03	
1600	2.41	
2000	2.60	2.6
2500	2.69	
3150	2.74	
4000	2.27	2.4
5000	2.11	

Client: Effect
Manufacturer: Effect
Product identification: Wall
Description of test specimen: Two groups of two corrugated felt absorbers (2340x585x50) measured directly on floor.

Reverberation room volume: 200 m³
Temperature: 14.6 °C (empty: 14.7 °C)
Air humidity: 61.9% (empty: 62.9%)
Air pressure: 97.6 kPa (empty: 97.6 kPa)
Number of specimens: 2

Measurement date: 2015-11-10
Measured by: Carl Nyqvist

