

Ando, group of 3 objects

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
15-226-M4
Date
2015-11-11

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.03	0.0
80	0.00	
100	0.05	
125	0.16	0.2
160	0.30	
200	0.43	
250	0.64	0.7
315	1.02	
400	1.25	
500	1.67	1.5
630	1.55	
800	1.75	
1000	1.70	1.7
1250	1.73	
1600	1.70	
2000	1.64	1.7
2500	1.71	
3150	1.53	
4000	1.42	1.4
5000	1.27	

Client: Effect
 Manufacturer: Effect
 Product identification: Ando

Description of test specimen: Wall absorber of pressed felt (1170x585x55 mm) measured directly on floor in 2 groups of 3 objects. The scaling of the graph deviates from ISO 354 to increase readability.

Reverberation room volume: 200 m³
 Temperature: 14.5 °C (empty: 14.7 °C)
 Air humidity: 62.9% (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

