

Palma meeting

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:
14-41-M18
Date
2014-06-04

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.01	
63	0.01	0.0
80	0.01	
100	0.05	
125	0.05	0.1
160	0.09	
200	0.08	
250	0.14	0.1
315	0.14	
400	0.11	
500	0.20	0.2
630	0.27	
800	0.34	
1000	0.40	0.4
1250	0.45	
1600	0.50	
2000	0.60	0.6
2500	0.66	
3150	0.74	
4000	0.77	0.8
5000	0.88	

Client: Effect
Manufacturer: Effect
Product identification: Palma meeting
Description of test specimen: Palma meeting placerade på golvet. Ljudabsorptionsarea per objekt.

Reverberation room volume: 200 m³
Temperature: 13.6 °C (empty: 13.6 °C)
Air humidity: 74.2% (empty: 74.6%)
Air pressure: 101.3 kPa (empty: 101.3 kPa)
Number of specimens: 6

Measurement date: 2013-06-17
Measured by: Pontus Thorsson

