

OFFECCT Smallroom Sofa 1500

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

13-99-R1-M15

Date

2013-10-29

Frequency f [Hz]	Sound absorption coefficient [m ² Sabine]	
50	0.75	
63	0.80	1.0
80	1.57	
100	1.94	
125	1.75	2.0
160	2.22	
200	2.07	
250	1.94	2.0
315	1.88	
400	2.02	
500	2.32	2.3
630	2.51	
800	2.58	
1000	2.52	2.6
1250	2.68	
1600	2.97	
2000	3.37	3.3
2500	3.60	
3150	3.89	
4000	4.00	4.2
5000	4.57	

Client: OFFECCT AB
 Manufacturer: OFFECCT AB
 Product identification: Smallroom Sofa 1500

Description of test specimen: 1 object was measured in 3 positions.
 Placed on floor

Reverberation room volume: 200 m³
 Temperature: 14 °C (empty: 14 °C)
 Air humidity: 74 % (empty: 75 %)
 Air pressure: 100.3 kPa (empty: 100.3 kPa)
 Number of specimens: 1

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

