

OFFECCT Carry On

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

13-99-R1-M12

Date

2013-10-29

Frequency f [Hz]	Sound absorption coefficient [m ² Sabine]	
50	0.07	
63	0.07	0.1
80	0.10	
100	0.13	
125	0.16	0.2
160	0.31	
200	0.40	
250	0.44	0.4
315	0.50	
400	0.63	
500	0.78	0.8
630	0.87	
800	0.84	
1000	0.82	0.8
1250	0.81	
1600	0.80	
2000	0.81	0.8
2500	0.81	
3150	0.77	
4000	0.77	0.8
5000	0.82	

Client: OFFECCT AB

Manufacturer: OFFECCT AB

Product identification: Carry On Stool

Description of test specimen: 6 objects were measured, placed on floor

Reverberation room volume: 200 m³

Temperature: 14 °C (empty: 14 °C)

Air humidity: 75 % (empty: 75 %)

Air pressure: 100.3 kPa (empty: 100.3 kPa)

Number of specimens: 6

Measurement date: 2013-06-17

Measured by: Pontus Thorsson

