

# King sofa

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

14-41-M17

Date

2014-06-05

Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	1.06	
63	0.98	1.1
80	1.33	
100	1.79	
125	1.24	1.6
160	1.62	
200	1.70	
250	1.73	1.7
315	1.68	
400	1.88	
500	2.04	2.0
630	2.02	
800	2.11	
1000	2.06	2.1
1250	2.16	
1600	2.30	
2000	2.53	2.5
2500	2.70	
3150	2.88	
4000	2.80	3.0
5000	3.32	

Client: Effect  
Manufacturer: Effect  
Product identification: King Sofa

Description of test specimen: King Sofa placerad på golvet. Ljudabsorptionsarea uppmätt som medelvärde av tre olika placeringar.

Reverberation room volume: 200 m<sup>3</sup>  
Temperature: 13.7 °C (empty: 13.6 °C)  
Air humidity: 74 % (empty: 75 %)  
Air pressure: 101.3 kPa (empty: 101.3 kPa)  
Number of specimens: 1

Measurement date: 2013-06-17

Measured by: Pontus Thorsson

