

Bella (2x3)

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

14-41-M21

Date

2014-06-04

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.06	0.0
80	0.04	
100	0.09	
125	0.16	0.2
160	0.36	
200	0.44	
250	0.80	0.8
315	1.04	
400	1.08	
500	1.34	1.3
630	1.57	
800	1.58	
1000	1.62	1.6
1250	1.71	
1600	1.80	
2000	1.86	1.8
2500	1.87	
3150	1.84	
4000	1.82	1.9
5000	1.92	

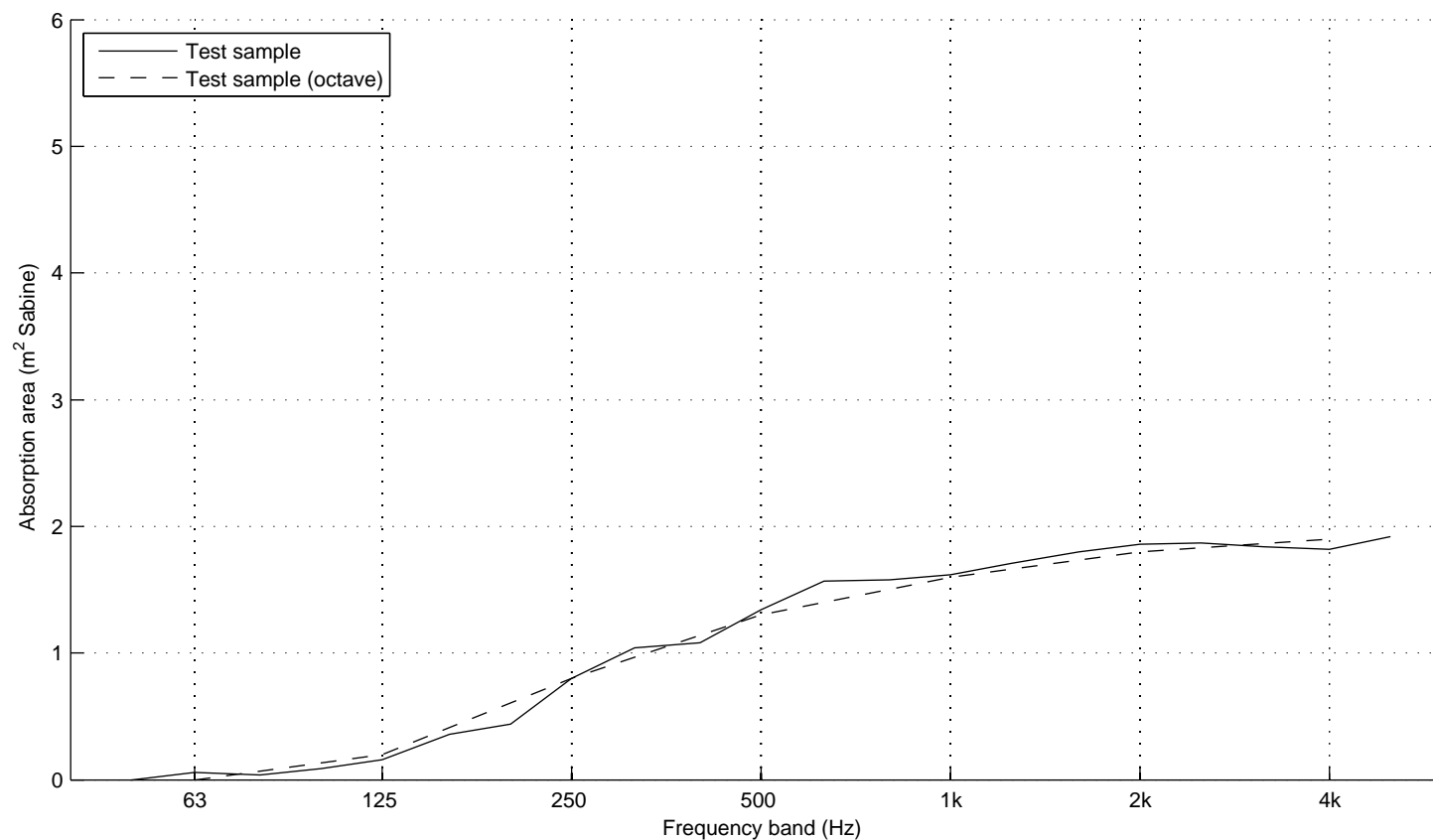
Client: Offect
Manufacturer: Offect
Product identification: Soundwave Bella

Description of test specimen: Soundwave Bella placerad på golvet. Ljudabsorptionsarea för grupp av objekt (2x3).

Reverberation room volume: 200 m³
Temperature: 15.8 °C (empty: 15.2 °C)
Air humidity: 81.5% (empty: 77%)
Air pressure: 101.3 kPa (empty: 101.3 kPa)
Number of specimens: 2

Measurement date: 2013-06-20

Measured by: Pontus Thorsson



Bella med fyllning (2x3)

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

14-41-M20

Date

2014-06-04

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.06	0.0
80	0.03	
100	0.11	
125	0.20	0.3
160	0.55	
200	0.75	
250	1.18	1.2
315	1.62	
400	1.80	
500	2.07	2.0
630	2.27	
800	2.12	
1000	2.09	2.1
1250	2.04	
1600	2.08	
2000	2.06	2.0
2500	1.99	
3150	1.95	
4000	1.98	2.0
5000	2.08	

Client: Offect
Manufacturer: Offect
Product identification: Soundwave Bella med fyllning

Description of test specimen: Soundwave Bella med fyllning placerad på golvet.
Ljudabsorptionsarea för grupp av objekt (2x3).

Reverberation room volume: 200 m³
Temperature: 15.7 °C (empty: 15.2 °C)
Air humidity: 80 % (empty: 77 %)
Air pressure: 101.3 kPa (empty: 101.3 kPa)
Number of specimens: 2

Measurement date: 2013-06-20

Measured by: Pontus Thorsson

