

OFFECCT Soundwave Swell 6 pcs.

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

13-99-R1-M5

Date

2013-10-29

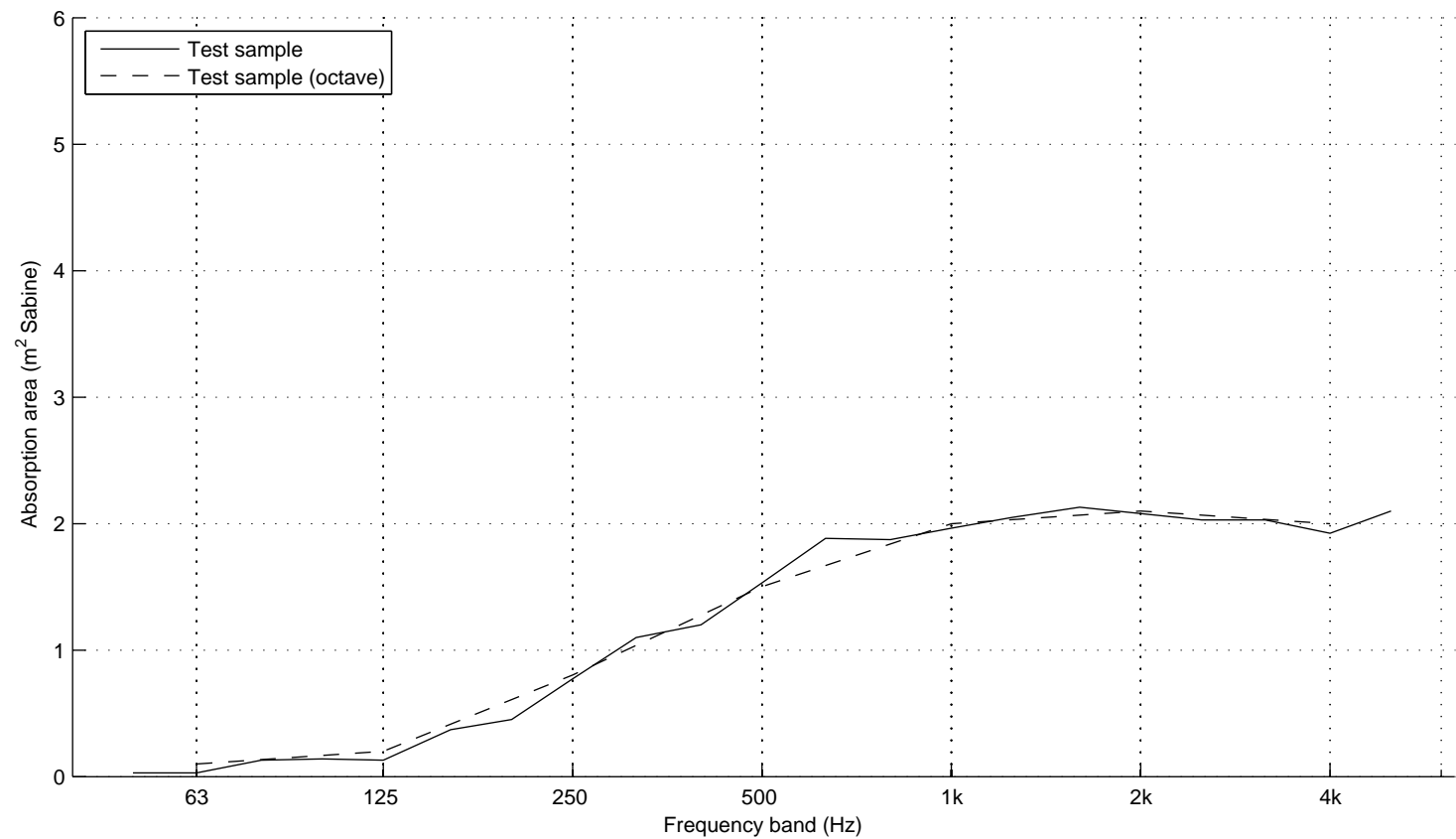
Frequency f [Hz]	Sound absorption coefficient [m ² Sabine]	
50	0.03	
63	0.03	0.1
80	0.13	
100	0.14	
125	0.13	0.2
160	0.37	
200	0.45	
250	0.77	0.8
315	1.10	
400	1.20	
500	1.53	1.5
630	1.88	
800	1.87	
1000	1.96	2.0
1250	2.05	
1600	2.13	
2000	2.08	2.1
2500	2.03	
3150	2.03	
4000	1.92	2.0
5000	2.10	

Client: OFFECCT AB
 Manufacturer: OFFECCT AB
 Product identification: Soundwave Swell

Description of test specimen: 1 group consisting of 3 x 2 panels (each panel is 585 x 585 x 76 mm), (2 groups were measured, total area tested 4.10 m²). Type A mounting.

Reverberation room volume: 200 m³
 Temperature: 15 °C (empty: 15 °C)
 Air humidity: 78 % (empty: 77 %)
 Air pressure: 100.3 kPa (empty: 100.3 kPa)
 Number of specimens: 2

Measurement date: 2013-06-20
 Measured by: Pontus Thorsson



OFFECCT Soundwave Swell BF 6 pcs.

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

13-99-R1-M6

Date

2013-10-29

Frequency f [Hz]	Sound absorption coefficient [m ² Sabine]	
50	0.04	
63	0.08	0.1
80	0.15	
100	0.18	
125	0.27	0.4
160	0.63	
200	0.87	
250	1.35	1.3
315	1.71	
400	1.89	
500	2.19	2.2
630	2.48	
800	2.31	
1000	2.27	2.3
1250	2.30	
1600	2.29	
2000	2.16	2.2
2500	2.07	
3150	2.03	
4000	2.04	2.1
5000	2.18	

Client: OFFECCT AB
 Manufacturer: OFFECCT AB
 Product identification: Soundwave Swell BF

Description of test specimen: 1 group consisting of 3 x 2 panels (each panel is 585 x 585 x 76 mm), (2 groups were measured, total area tested 4.10 m²). Type A mounting. With Basfill.

Reverberation room volume: 200 m³
 Temperature: 15 °C (empty: 15 °C)
 Air humidity: 77 % (empty: 77 %)
 Air pressure: 100.3 kPa (empty: 100.3 kPa)
 Number of specimens: 2

Measurement date: 2013-06-20
 Measured by: Pontus Thorsson

