

# OFFECCT Soundwave Geo 6 pcs.

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:  
13-99-R1-M1  
Date  
2013-10-29

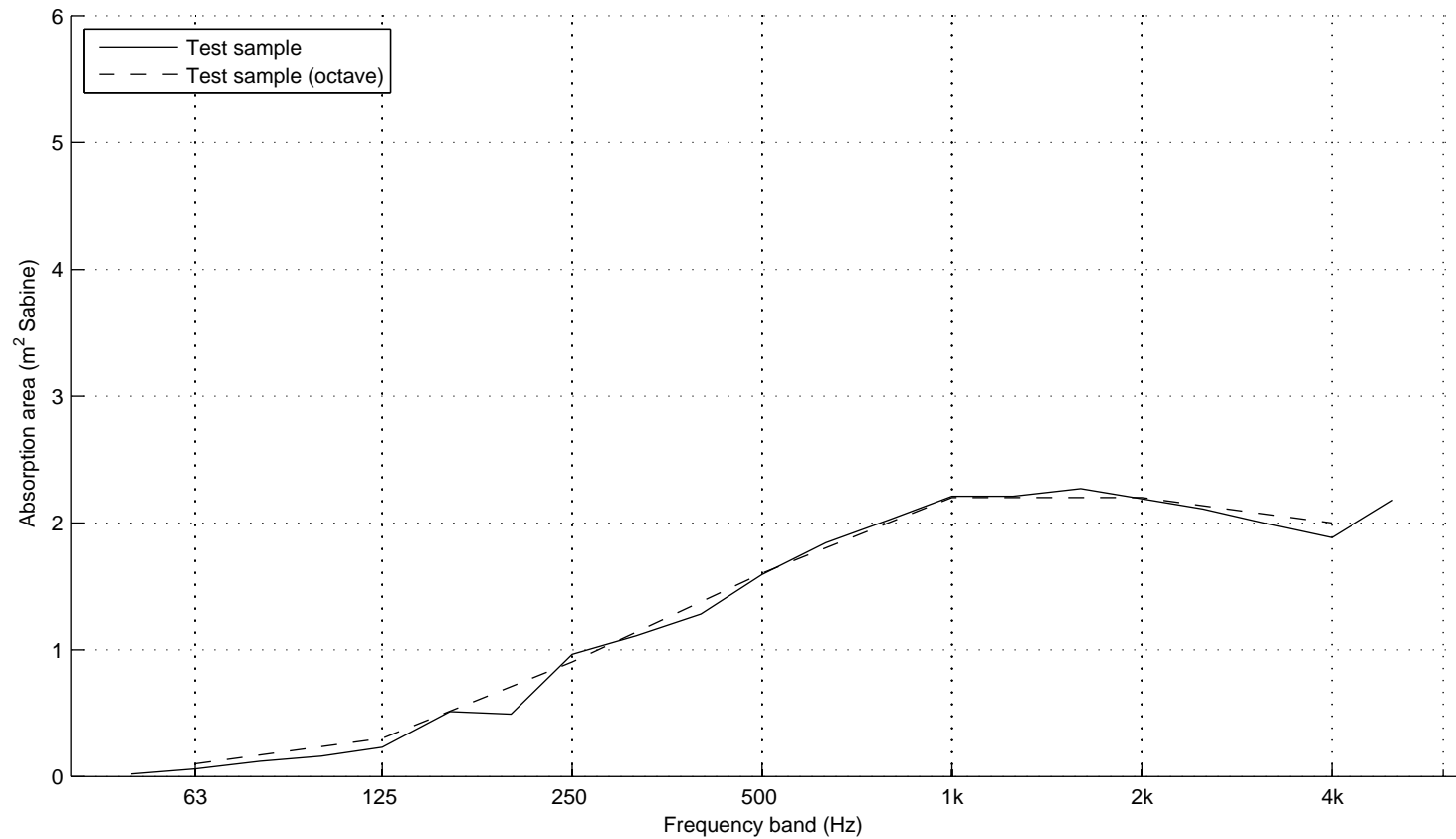
Frequency f [Hz]	Sound absorption coefficient [m <sup>2</sup> Sabine]	
50	0.02	
63	0.06	0.1
80	0.12	
100	0.16	
125	0.23	0.3
160	0.51	
200	0.49	
250	0.96	0.9
315	1.11	
400	1.28	
500	1.59	1.6
630	1.84	
800	2.03	
1000	2.21	2.2
1250	2.21	
1600	2.27	
2000	2.19	2.2
2500	2.11	
3150	1.99	
4000	1.88	2.0
5000	2.18	

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

Description of test specimen: 1 group consisting of 3 x 2 panels (each panel is 585 x 585 x 63 mm), (2 groups were measured, total area tested 4.10 m<sup>2</sup>). Type A mounting.

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 14 °C (empty: 14 °C)  
 Air humidity: 77 % (empty: 75 %)  
 Air pressure: 100.3 kPa (empty: 100.3 kPa)  
 Number of specimens: 2

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



# OFFECCT Soundwave Geo BF 6 pcs.

SOUND ABSORPTION AREA ACCORDING TO ISO 354

Measurement of sound absorption area in a reverberation room



Report number:

13-99-R1-M2

Date

2013-10-29

Frequency f [Hz]	Sound absorption coefficient [m <sup>2</sup> Sabine]	
50	0.03	
63	0.05	0.1
80	0.13	
100	0.19	
125	0.32	0.4
160	0.71	
200	0.75	
250	1.40	1.3
315	1.71	
400	1.94	
500	2.11	2.1
630	2.31	
800	2.33	
1000	2.41	2.4
1250	2.34	
1600	2.37	
2000	2.23	2.3
2500	2.18	
3150	2.09	
4000	2.03	2.1
5000	2.26	

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

Description of test specimen: 1 group consisting of 3 x 2 panels (each panel is 585 x 585 x 63 mm), (2 groups were measured, total area tested 4.10 m<sup>2</sup>). Type A mounting. With Basfill.

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 14 °C (empty: 14 °C)  
 Air humidity: 77 % (empty: 75 %)  
 Air pressure: 100.3 kPa (empty: 100.3 kPa)  
 Number of specimens: 2

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

