

# Offecct On Point with tree

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:  
**16-209-M9**  
 Date  
**2016-09-27**

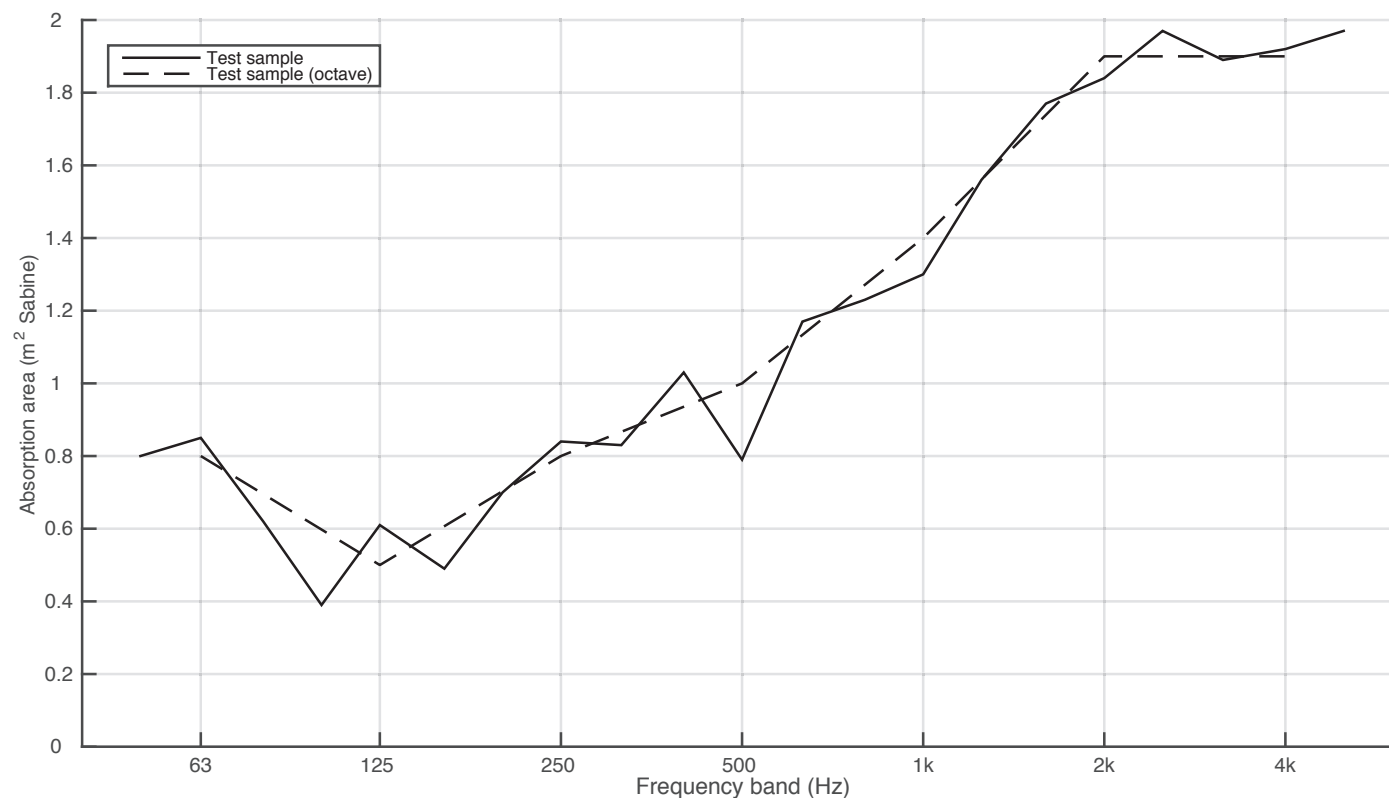
Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.80	
63	0.85	0.8
80	0.62	
100	0.39	
125	0.61	0.5
160	0.49	
200	0.70	
250	0.84	0.8
315	0.83	
400	1.03	
500	0.79	1.0
630	1.17	
800	1.23	
1000	1.30	1.4
1250	1.56	
1600	1.77	
2000	1.84	1.9
2500	1.97	
3150	1.89	
4000	1.92	1.9
5000	1.97	

Client: Offecct  
 Manufacturer: Offecct  
 Product identification: On Point (with tree)

Description of test specimen: Sound absorbing table placed directly on floor around a small tree.  
 The scaling of the graph deviates from ISO 354 to increase readability.

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 15.4 °C (empty: 15.3 °C)  
 Air humidity: 73% (empty: 73%)  
 Air pressure: 99.6 kPa (empty: 99.6 kPa)  
 Number of specimens: 1

Measurement date: 2016-09-23  
 Measured by: Johan Jernstedt



$N_{10} = 10$



## Offecct On Point without tree

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:  
**16-209-M10**  
Date  
**2016-09-27**

Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.63	
63	0.72	0.7
80	0.61	
100	0.39	
125	0.63	0.5
160	0.44	
200	0.70	
250	0.74	0.8
315	0.82	
400	0.98	
500	0.75	1.0
630	1.12	
800	1.21	
1000	1.18	1.3
1250	1.49	
1600	1.63	
2000	1.66	1.7
2500	1.77	
3150	1.71	
4000	1.60	1.6
5000	1.62	

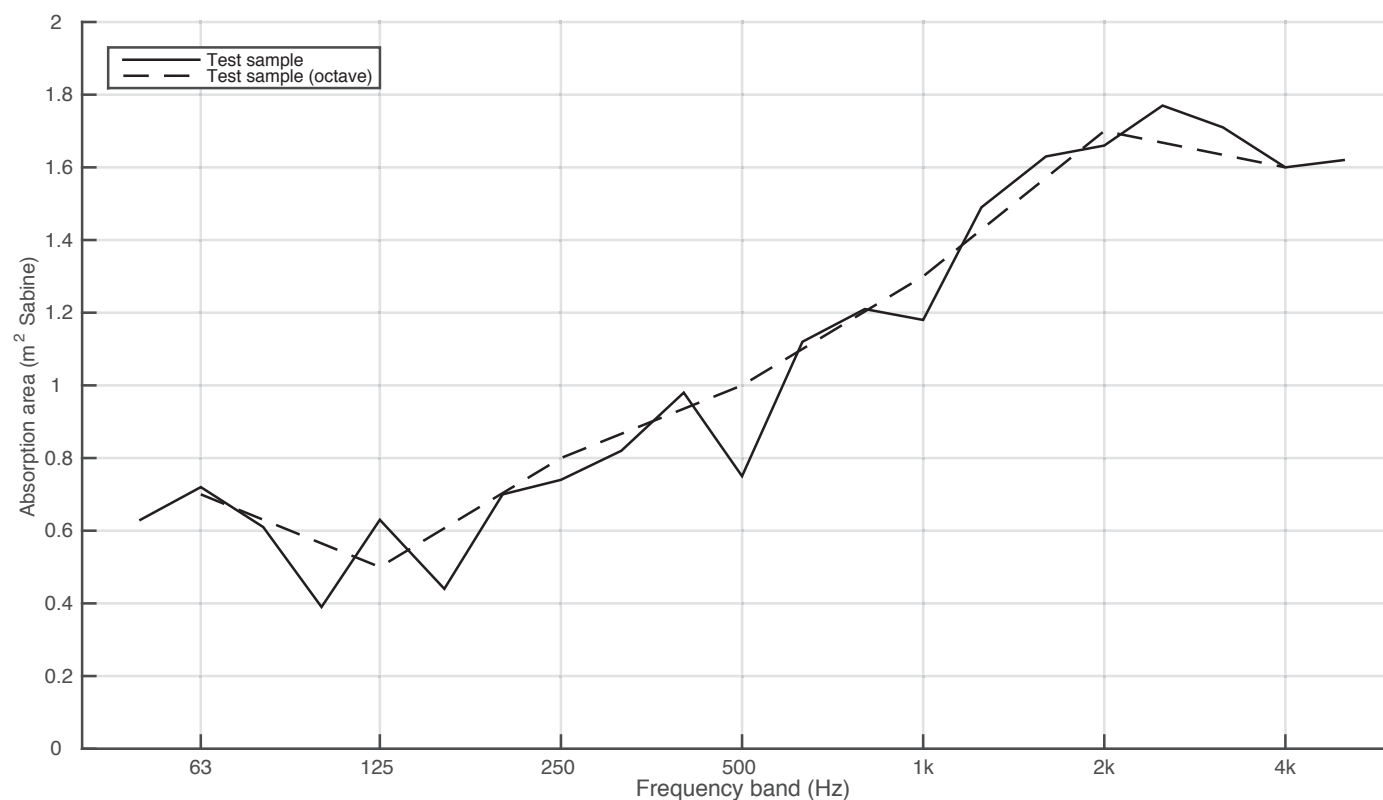
Client: Offecct  
 Manufacturer: Offecct  
 Product identification: On Point (without tree)

Description of test specimen: Sound absorbing table placed directly on floor.  
 The scaling of the graph deviates from ISO 354 to increase readability.

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 15.4 °C (empty: 15.3 °C)  
 Air humidity: 73% (empty: 73%)  
 Air pressure: 99.6 kPa (empty: 99.6 kPa)  
 Number of specimens: 1

Measurement date: 2016-09-23

Measured by: Johan Jernstedt



$N_{10} = 10$