

# Soundsticks 8 pcs in line

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room

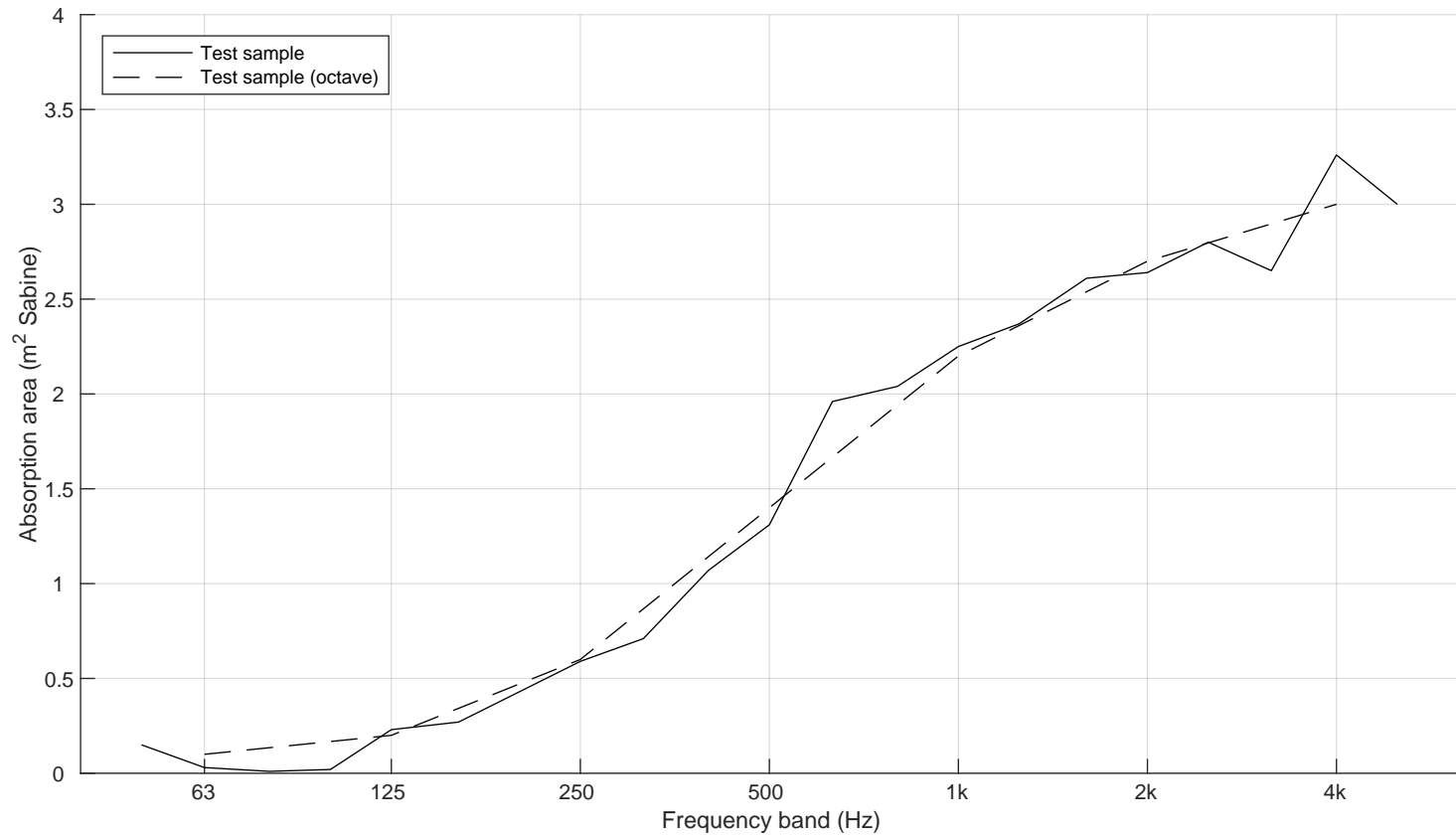


Report number:  
18-732-M1  
Date  
2019-01-31

Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.15	
63	0.03	0.1
80	0.01	
100	0.02	
125	0.23	0.2
160	0.27	
200	0.43	
250	0.59	0.6
315	0.71	
400	1.07	
500	1.31	1.4
630	1.96	
800	2.04	
1000	2.25	2.2
1250	2.37	
1600	2.61	
2000	2.64	2.7
2500	2.80	
3150	2.65	
4000	3.26	3.0
5000	3.00	

Client: Offecct  
 Manufacturer: Offecct  
 Product identification: Soundsticks 8 pcs in line  
 Description of test specimen: Sound absorbing tubes (length 1240 mm, diam. 95 mm).  
 Suspended from a 1500 mm rail. In line with c/c 185 mm.  
 Equal suspension height.  
 The scaling of the graph deviates from ISO 354 to increase readability.

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 11.7 °C (empty: 12.8 °C)  
 Air humidity: 42 % (empty: 38 %)  
 Air pressure: 98.5 kPa (empty: 98.5 kPa)  
 Number of specimens: 1  
 Measurement date: 2019-01-23  
 Measured by: Carl Nyqvist



$$N_{10} = 7.1$$