

Soundsticks 8 pcs in cluster

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
18-732-M2
Date
2019-01-31

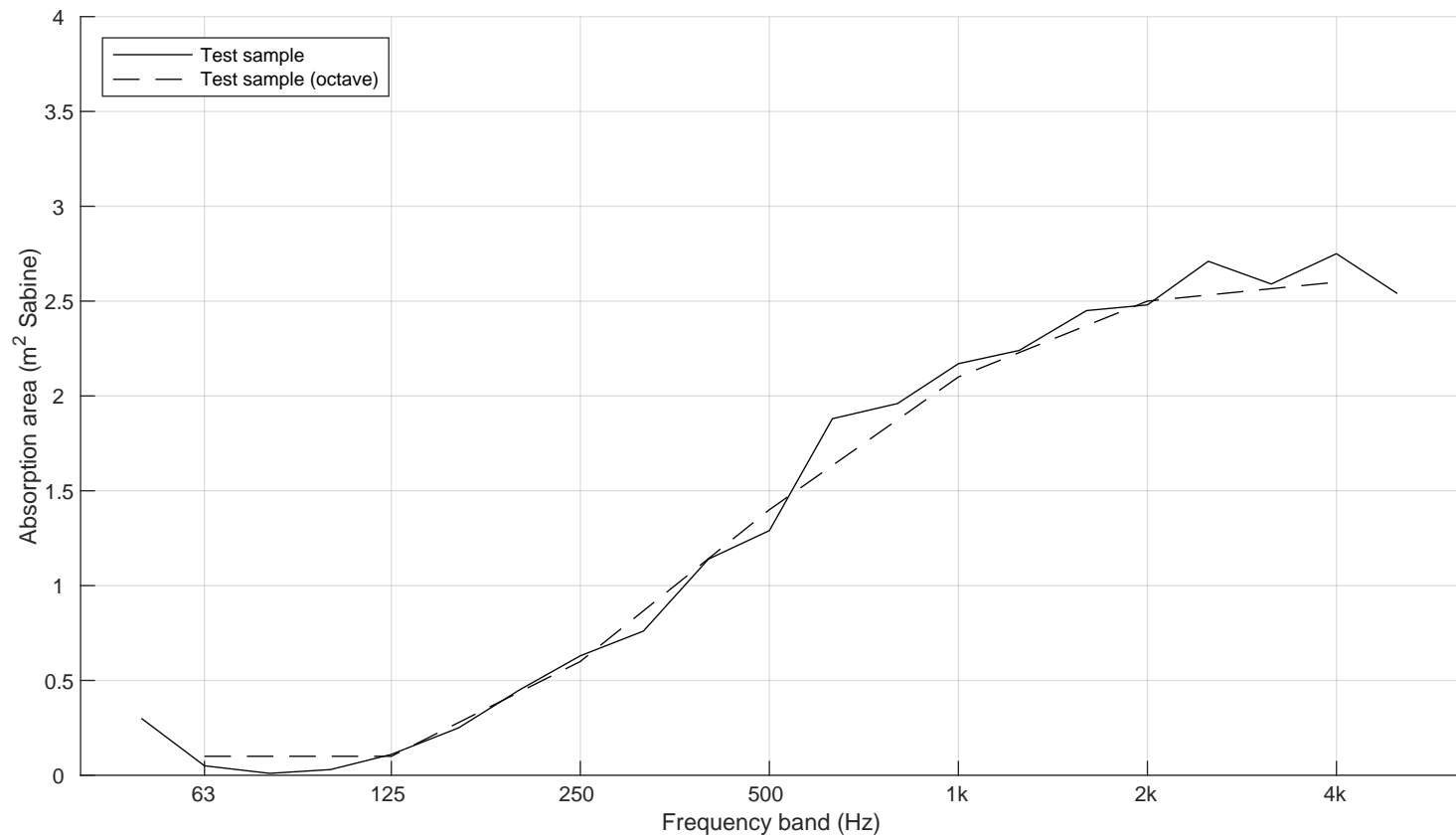
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.30	
63	0.05	0.1
80	0.01	
100	0.03	
125	0.11	0.1
160	0.25	
200	0.45	
250	0.63	0.6
315	0.76	
400	1.14	
500	1.29	1.4
630	1.88	
800	1.96	
1000	2.17	2.1
1250	2.24	
1600	2.45	
2000	2.48	2.5
2500	2.71	
3150	2.59	
4000	2.75	2.6
5000	2.54	

Client: Offecct
 Manufacturer: Offecct
 Product identification: Soundsticks 8 pcs in cluster

Description of test specimen: Sound absorbing tubes (length 1240 mm, diam. 95 mm).
 Suspended in a random cluster with max diameter 700 mm.
 Different suspension heights.
 The scaling of the graph deviates from ISO 354 to increase readability.

Reverberation room volume: 200 m³
 Temperature: 11.4 °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



$$N_{10} = 7.1$$