

Soundwave Ceramic Acoustic panel, set of 3x2 panels

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
17-159-M7
Date
2017-06-07

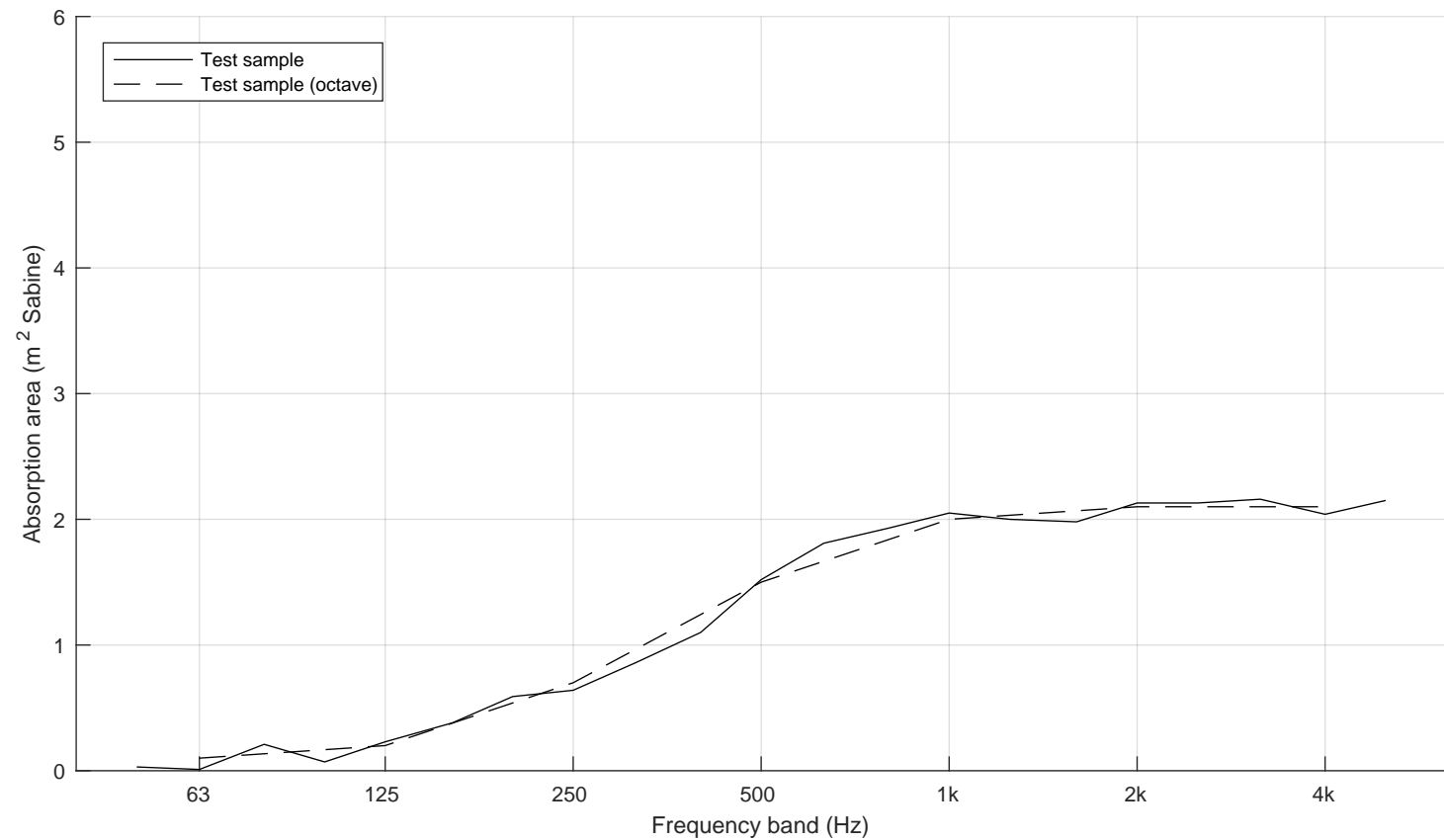
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.03	
63	0.01	0.1
80	0.21	
100	0.07	
125	0.23	0.2
160	0.38	
200	0.59	
250	0.64	0.7
315	0.86	
400	1.10	
500	1.52	1.5
630	1.81	
800	1.93	
1000	2.05	2.0
1250	2.00	
1600	1.98	
2000	2.13	2.1
2500	2.13	
3150	2.16	
4000	2.04	2.1
5000	2.15	

Client: Offecct
Manufacturer: Offecct
Product identification: Soundwave Ceramic

Description of test specimen: Absorber of moulded polyester fibre.
Set of 3x2 panels, total object size: 1755 x 1170 x 60 mm.
Placed directly on floor, type A mounting.

Reverberation room volume: 200 m³
Temperature: 18.7 °C (empty: 19.0 °C)
Air humidity: 64 % (empty: 57 %)
Air pressure: 98.9 kPa (empty: 98.8 kPa)
Number of specimens: 2

Measurement date: 2017-05-29
Measured by: Carl Nyqvist



$$N_{10} = 6.7$$