

Avignon Sofa

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
17-159-M3
Date
2017-06-07

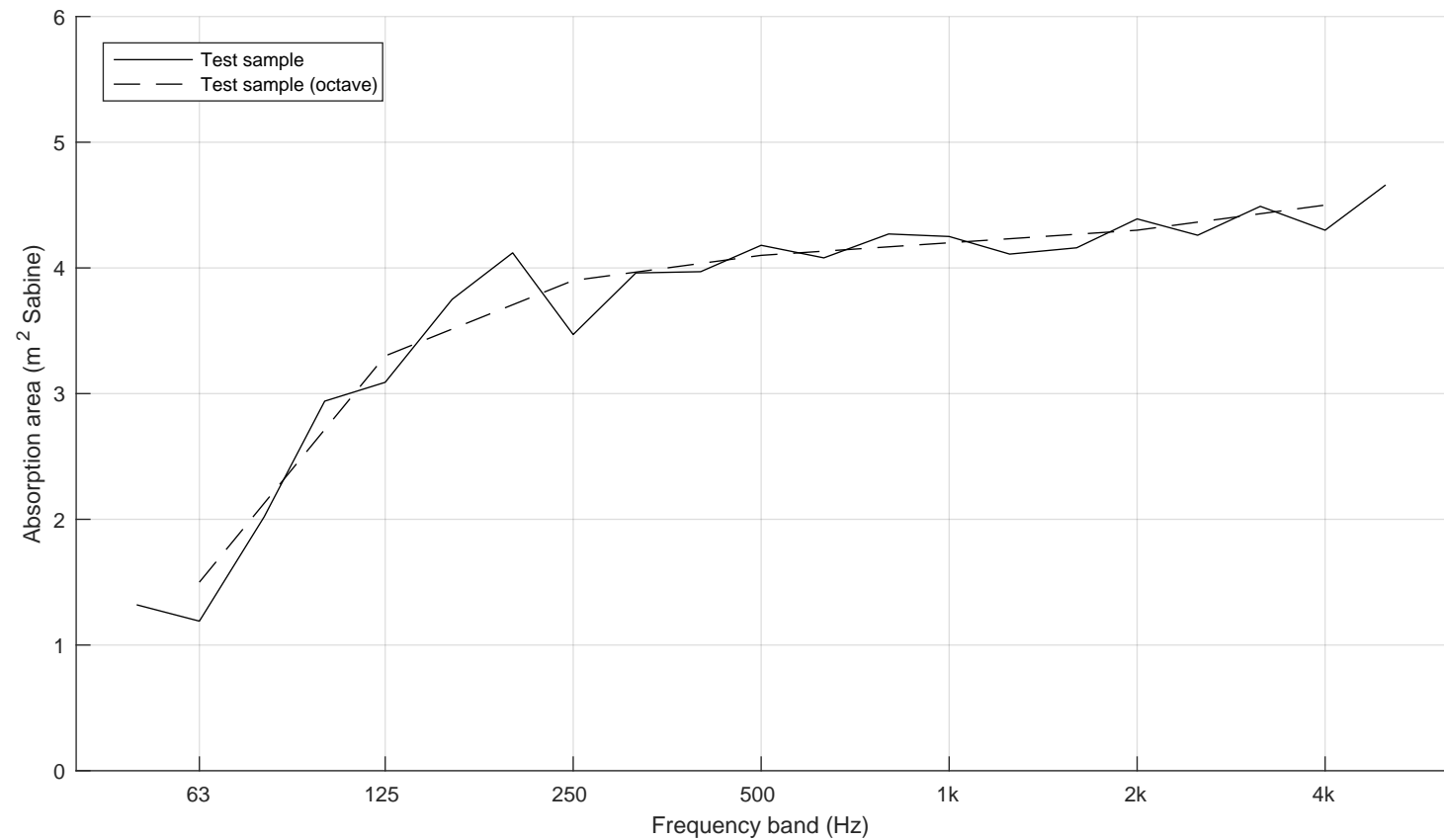
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	1.32	
63	1.19	1.5
80	2.02	
100	2.94	
125	3.09	3.3
160	3.75	
200	4.12	
250	3.47	3.9
315	3.96	
400	3.97	
500	4.18	4.1
630	4.08	
800	4.27	
1000	4.25	4.2
1250	4.11	
1600	4.16	
2000	4.39	4.3
2500	4.26	
3150	4.49	
4000	4.30	4.5
5000	4.66	

Client: Offecct
 Manufacturer: Offecct
 Product identification: Avignon Sofa, normal fabric

Description of test specimen: Fully upholstered in fabric, chromed legs.
 Height: 660 mm, width: 2390 mm, depth: 900 mm.
 Mounted standing on floor.
 Average of 3 measurements with 1 object in 3 different positions.

Reverberation room volume: 200 m³
 Temperature: 18.7 °C (empty: 19.0 °C)
 Air humidity: 62 % (empty: 57 %)
 Air pressure: 98.8 kPa (empty: 98.8 kPa)
 Number of specimens: 1

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



$$N_{10} = 2.4$$