Phoenix chair with 4 legs

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room

Ackred. nr 10126
Provning
ISO/IEC 17025

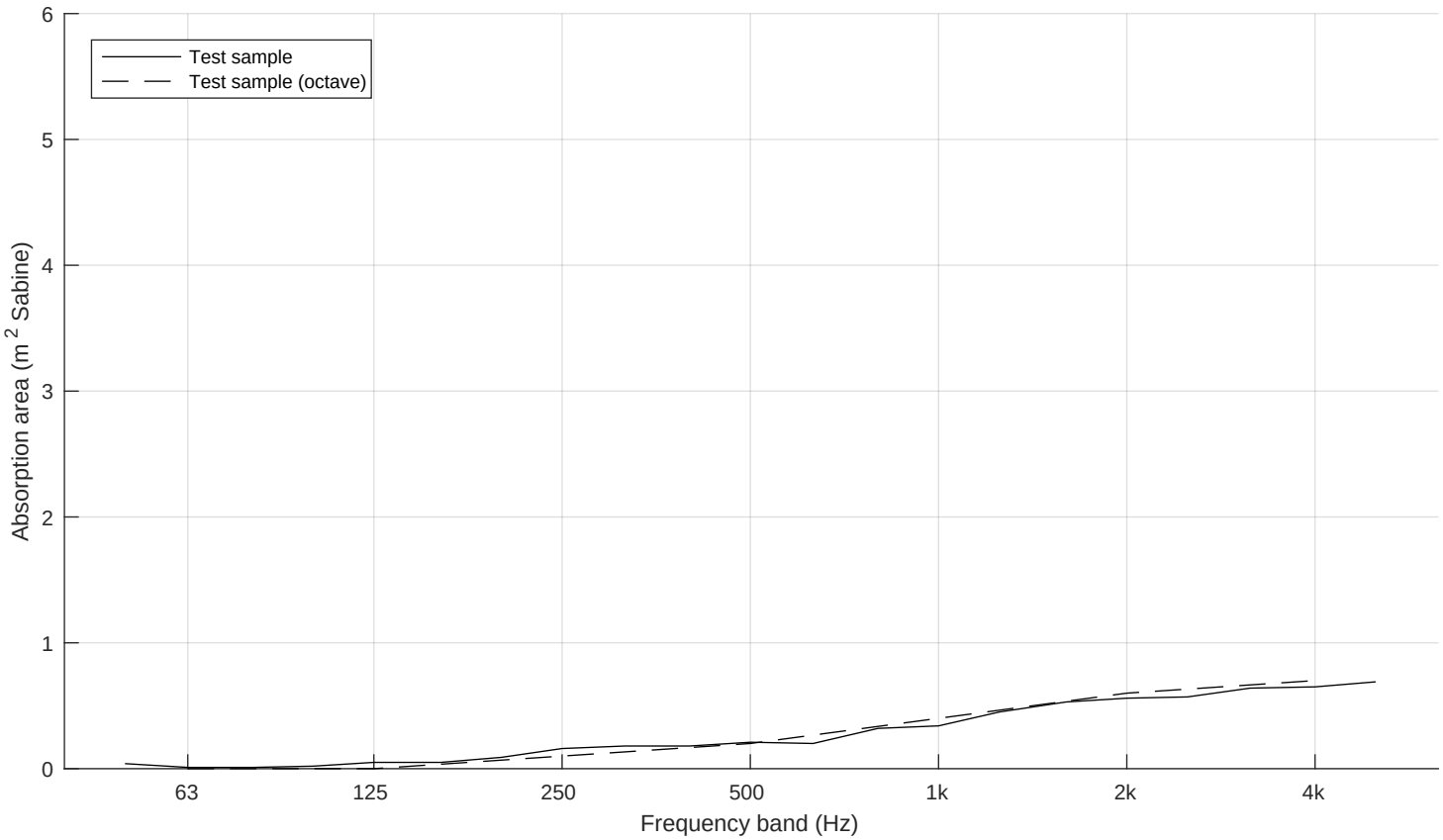
Report number:
17-159-M1
Date
2017-06-07

Frequency f [Hz]	Sound absorption area [m² Sabine]	
50	0.04	
63	0.01	0.0
80	0.01	
100	0.02	
125	0.05	0.0
160	0.05	
200	0.09	
250	0.16	0.1
315	0.18	
400	0.18	
500	0.21	0.2
630	0.20	
800	0.32	
1000	0.34	0.4
1250	0.45	
1600	0.53	
2000	0.56	0.6
2500	0.57	
3150	0.64	
4000	0.65	0.7
5000	0.69	

$N_{10} = 50$

Client:	Offect
Manufacturer:	Offect
Product identification:	Phoenix chair
Description of test specimen:	Frame in laminated wood with cold foam, upholstered in fabric. Height: 750 mm ,width: 585 mm, depth: 555 mm. Mounted standing on floor.

Reverberation room volume:	200 m³		
Temperature:	19.0 °C	(empty:	19.0 °C)
Air humidity:	58 %	(empty:	57 %)
Air pressure:	98.8 kPa	(empty:	98.8 kPa)
Number of specimens:	3		
Measurement date:	2017-05-29		
Measured by:	Carl Nyqvist		



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