

# Varilounge Sofa

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room

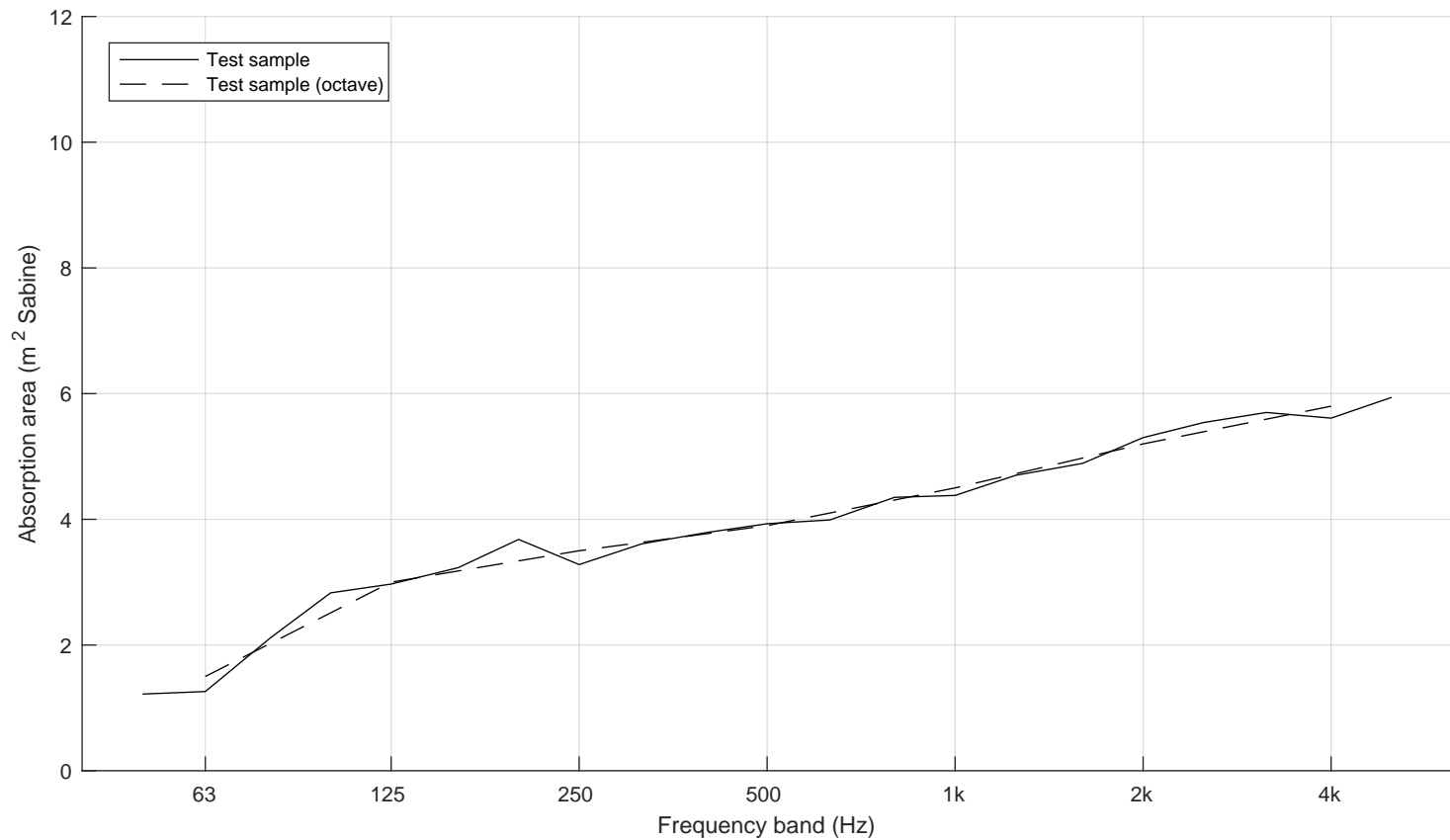


Report number:  
**17-159-M2**  
Date  
**2017-06-15**

Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	1.22	
63	1.26	1.5
80	2.11	
100	2.83	
125	2.97	3.0
160	3.23	
200	3.68	
250	3.28	3.5
315	3.61	
400	3.79	
500	3.93	3.9
630	3.99	
800	4.35	
1000	4.38	4.5
1250	4.70	
1600	4.89	
2000	5.30	5.2
2500	5.54	
3150	5.70	
4000	5.61	5.8
5000	5.94	

Client: Offecct  
 Manufacturer: Offecct  
 Product identification: Varilounge Sofa  
 Description of test specimen: Fully upholstered in fabric.  
 Height: 950 mm, width: 1135 mm, depth: 800 mm.  
 Mounted standing on floor.  
 Average of 3 measurements with 1 object in 3 different positions.

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 18.9 °C (empty: 19.0 °C)  
 Air humidity: 60 % (empty: 57 %)  
 Air pressure: 98.8 kPa (empty: 98.8 kPa)  
 Number of specimens: 1  
 Measurement date: 2017-05-29  
 Measured by: Carl Nyqvist



$$N_{10} = 2.6$$