

# Offecct Wind B, C and D in a group, 10 mm foam

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:  
**16-209-M8**  
Date  
**2016-09-26**

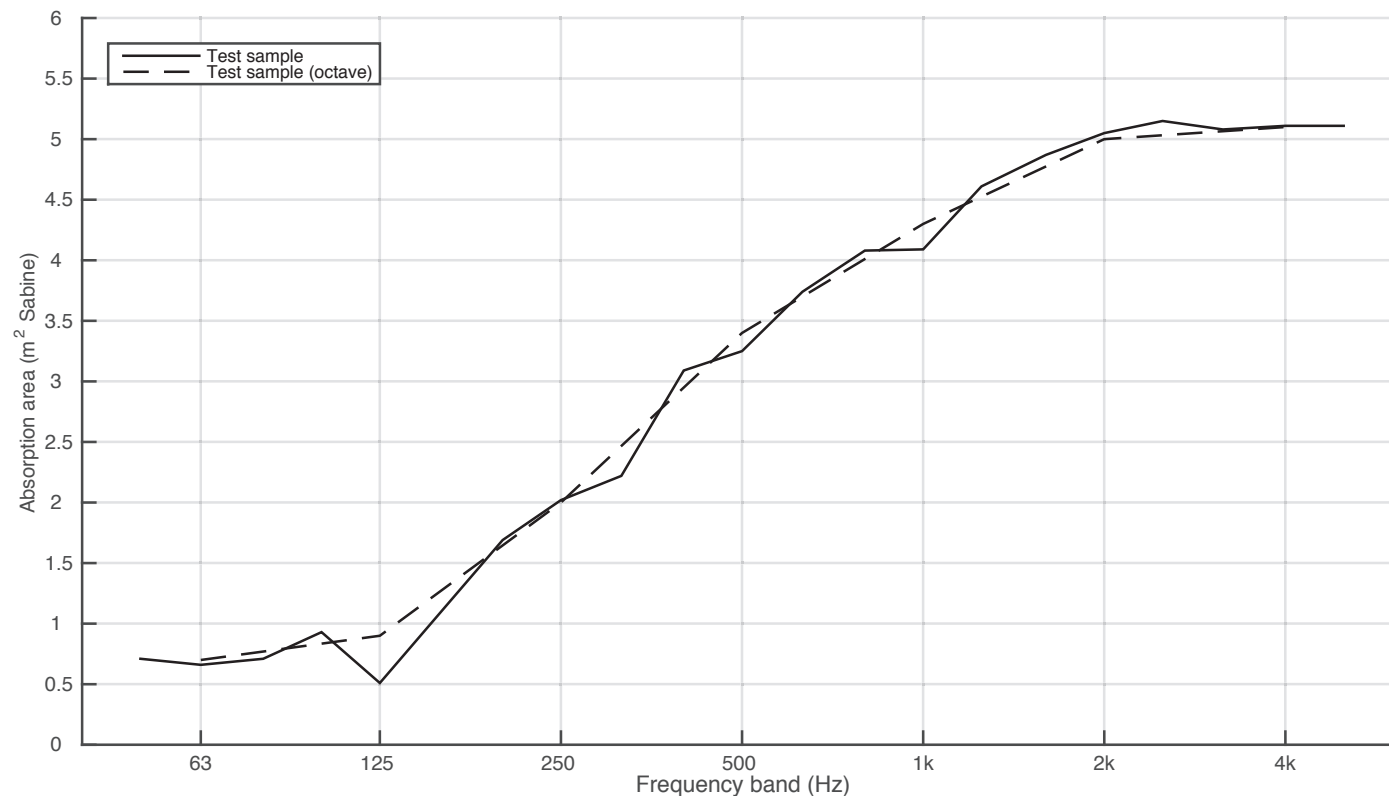
Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.71	
63	0.66	0.7
80	0.71	
100	0.93	
125	0.51	0.9
160	1.13	
200	1.69	
250	2.02	2.0
315	2.22	
400	3.09	
500	3.25	3.4
630	3.74	
800	4.08	
1000	4.09	4.3
1250	4.61	
1600	4.87	
2000	5.05	5.0
2500	5.15	
3150	5.08	
4000	5.11	5.1
5000	5.11	

Client: Offecct  
 Manufacturer: Offecct  
 Product identification: Wind B, C and D - 10 mm foam backing on fabric

Description of test specimen: A group of 3 differently shaped sound absorbing screens placed directly on the floor. The screens consist of a tubular frame with a double foam laminated fabric. Foam thickness 10 mm.

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 15.3 °C (empty: 15.3 °C)  
 Air humidity: 73% (empty: 73%)  
 Air pressure: 99.6 kPa (empty: 99.6 kPa)  
 Number of specimens: 1

Measurement date: 2016-09-23  
 Measured by: Johan Jernstedt



$N_{10} = 2.9$