

# Soundwave Ennis 6 pcs

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



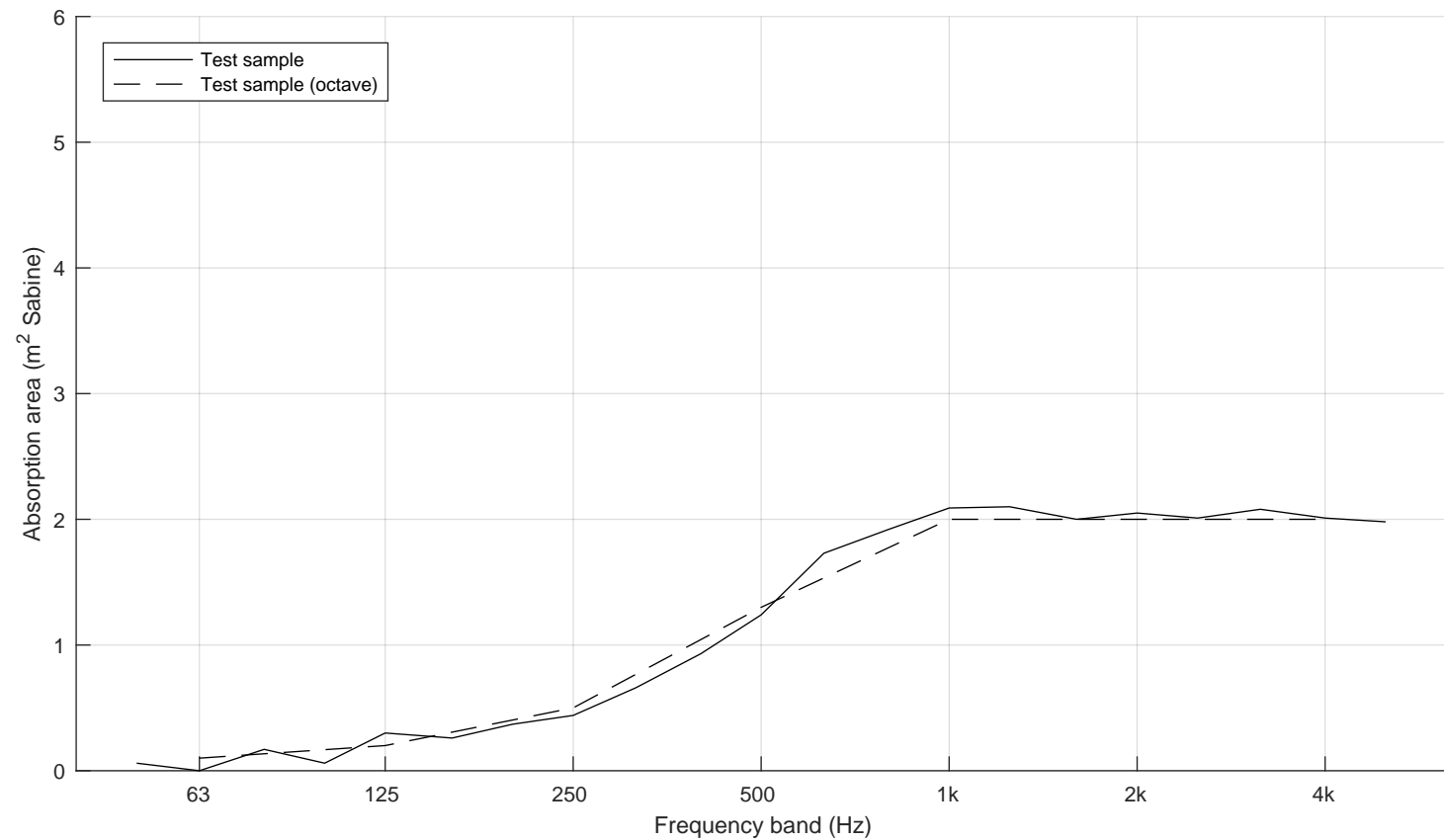
Report number:  
**18-106-M4**  
Date  
**2018-04-12**

Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.06	
63	0.00	0.1
80	0.17	
100	0.06	
125	0.30	0.2
160	0.26	
200	0.37	
250	0.44	0.5
315	0.66	
400	0.93	
500	1.24	1.3
630	1.73	
800	1.92	
1000	2.09	2.0
1250	2.10	
1600	2.00	
2000	2.05	2.0
2500	2.01	
3150	2.08	
4000	2.01	2.0
5000	1.98	

Client: Offecct  
 Manufacturer: Offecct  
 Product identification: Soundwave Ennis, 6 pcs  
 Description of test specimen: Sound absorbing wall panel in polyester needlefelt.  
 Set of 3 x 3 pieces, size: 1755 x 1170 mm.  
 Measured directly on floor.

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 14.7 °C (empty: 16.9 °C)  
 Air humidity: 39% (empty: 35%)  
 Air pressure: 100.3 kPa (empty: 100.3 kPa)  
 Number of specimens: 2

Measurement date: 2018-04-11  
 Measured by: Carl Nyqvist



$$N_{10} = 7.7$$

# Soundwave Ennis with Basfill 6 pcs

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room

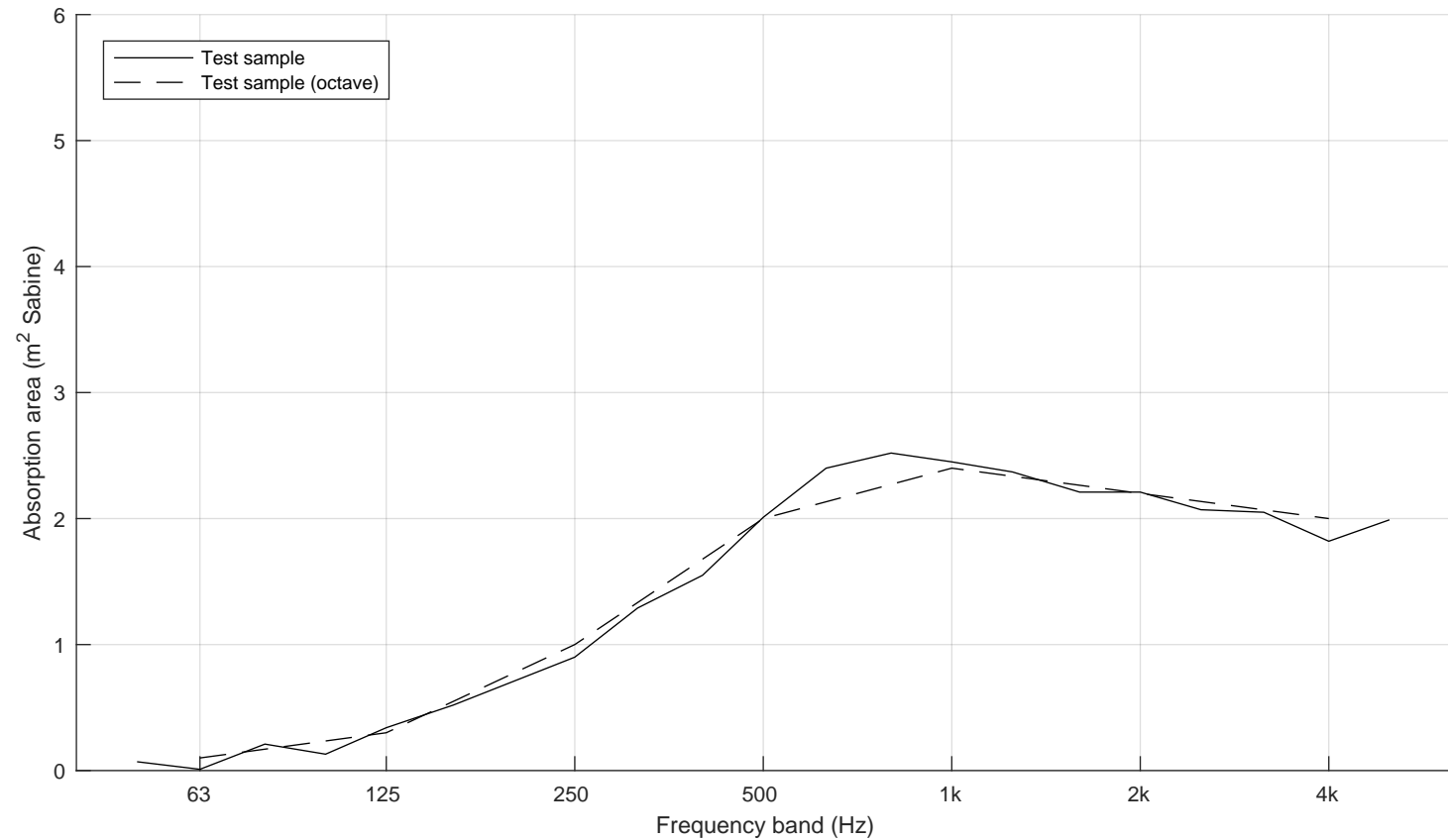


Report number:  
**18-106-M3**  
Date  
**2018-04-12**

Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.07	
63	0.01	0.1
80	0.21	
100	0.13	
125	0.34	0.3
160	0.52	
200	0.71	
250	0.90	1.0
315	1.29	
400	1.55	
500	2.01	2.0
630	2.40	
800	2.52	
1000	2.45	2.4
1250	2.37	
1600	2.21	
2000	2.21	2.2
2500	2.07	
3150	2.05	
4000	1.82	2.0
5000	1.99	

Client: Offecct  
 Manufacturer: Offecct  
 Product identification: Soundwave Ennis with Basfill, 6 pcs.  
 Description of test specimen: Sound absorbing wall panel in polyester needlefelt including wadding insert.  
 Set of 3 x 2 pieces, size: 1755 x 1170 mm.  
 Measured directly on floor.

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 14.8 °C (empty: 16.9 °C)  
 Air humidity: 38 % (empty: 35 %)  
 Air pressure: 100.3 kPa (empty: 100.3 kPa)  
 Number of specimens: 2  
 Measurement date: 2018-04-11  
 Measured by: Carl Nyqvist



$N_{10} = 5$