

# Basic Wall 6 pieces

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:  
**16-193-M6**  
 Date  
**2016-11-07**

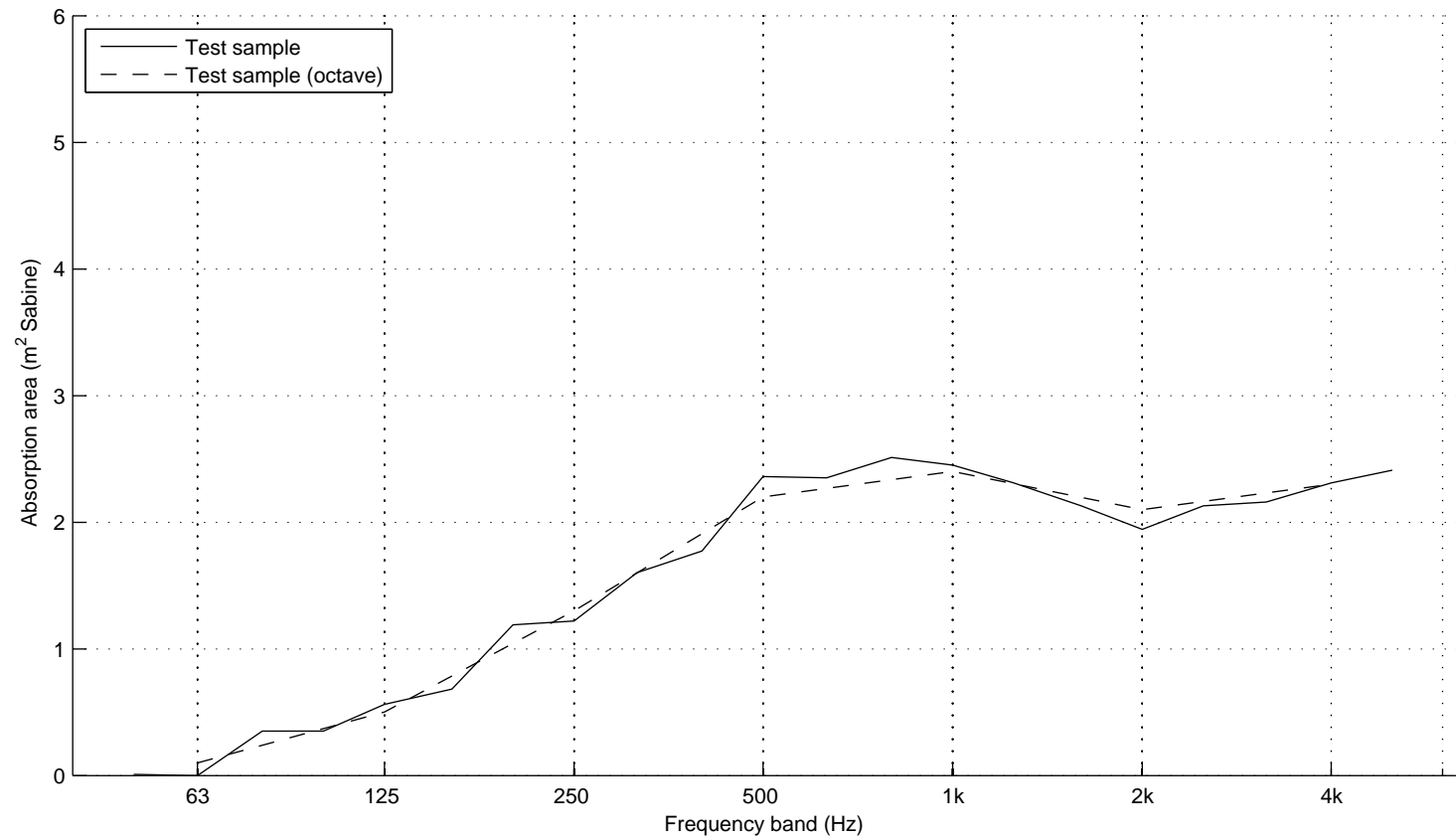
Frequency f [Hz]	Sound absorption area [m <sup>2</sup> Sabine]	
50	0.01	
63	0.00	0.1
80	0.35	
100	0.35	
125	0.56	0.5
160	0.68	
200	1.19	
250	1.22	1.3
315	1.60	
400	1.77	
500	2.36	2.2
630	2.35	
800	2.51	
1000	2.45	2.4
1250	2.31	
1600	2.13	
2000	1.94	2.1
2500	2.13	
3150	2.16	
4000	2.31	2.3
5000	2.41	

Client: Rom & Tonik AS  
 Manufacturer: Rom & Tonik AS  
 Product identification: Basic Wall 6 pieces (2x3)

Description of test specimen: Type A mounting.  
 1160 x 1740 x 50 mm.  
 Average of 3 measurements with 1 object in 3 different positions.

Reverberation room volume: 200 m<sup>3</sup>  
 Temperature: 21.5 °C (empty: 24.8 °C)  
 Air humidity: 37 % (empty: 32 %)  
 Air pressure: 100.0 kPa (empty: 100.0 kPa)  
 Number of specimens: 1

Measurement date: 2016-10-24  
 Measured by: Carl Nyqvist



$N_{10} = 4.8$