

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

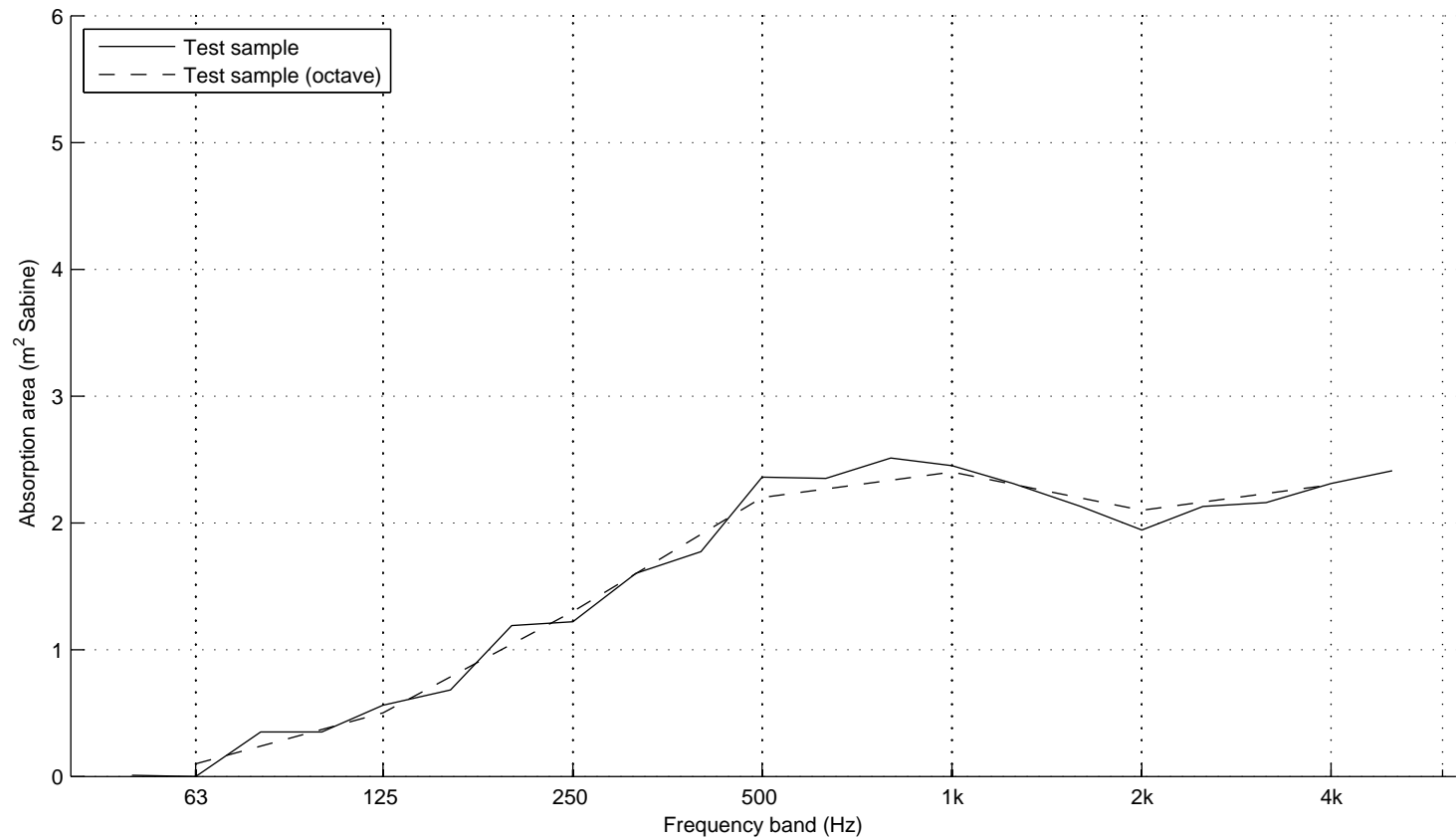
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.01	
63	0.00	0.1
80	0.35	
100	0.35	
125	0.56	0.5
160	0.68	
200	1.19	
250	1.22	1.3
315	1.60	
400	1.77	
500	2.36	2.2
630	2.35	
800	2.51	
1000	2.45	2.4
1250	2.31	
1600	2.13	
2000	1.94	2.1
2500	2.13	
3150	2.16	
4000	2.31	2.3
5000	2.41	

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 m³
 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



$N_{10} = 4.8$