

Edge Wall 500 x 500 x 50

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



Report number:
19-719-M1
Date
2019-04-23

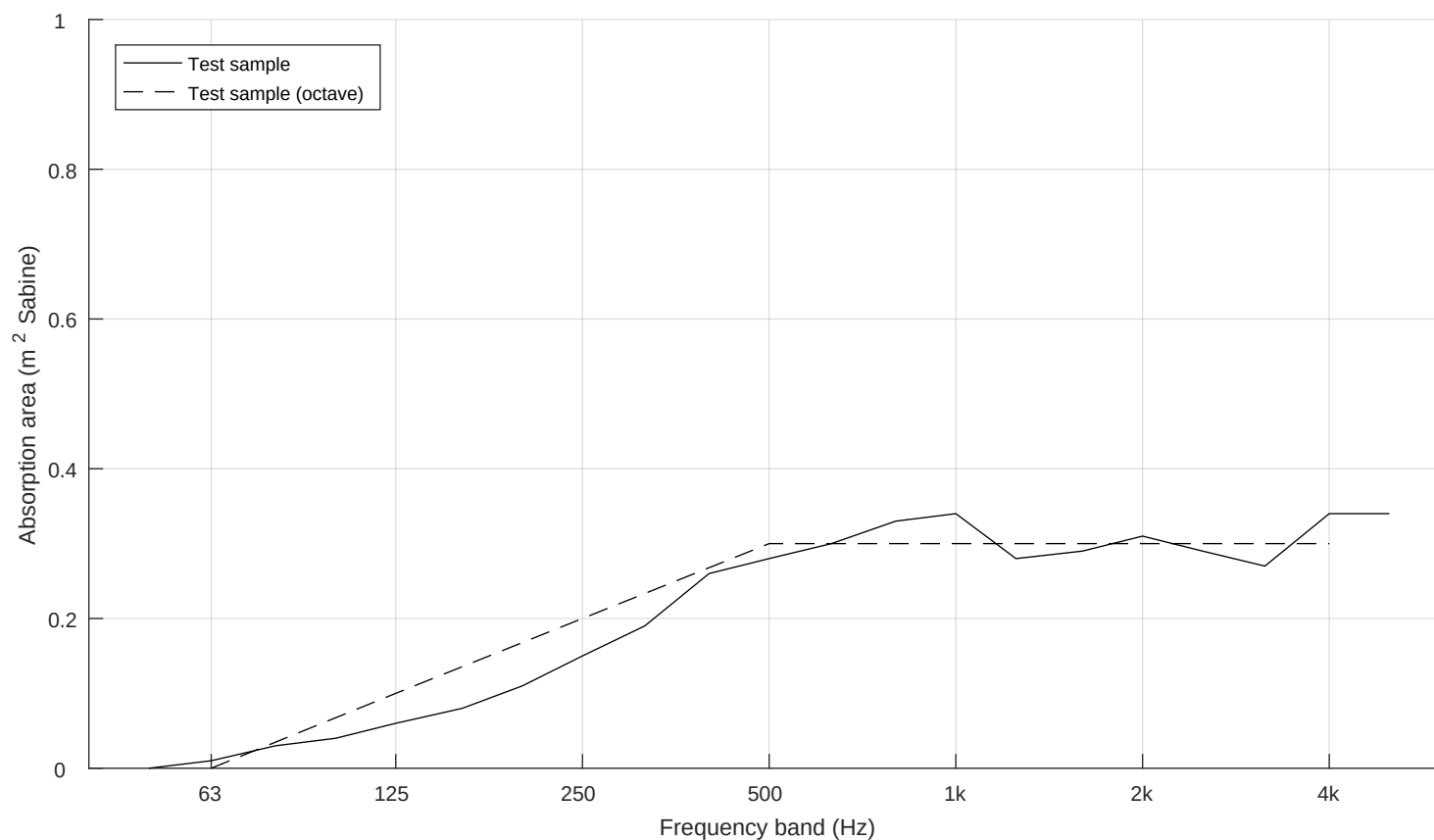
Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.01	0.0
80	0.03	
100	0.04	
125	0.06	0.1
160	0.08	
200	0.11	
250	0.15	0.2
315	0.19	
400	0.26	
500	0.28	0.3
630	0.30	
800	0.33	
1000	0.34	0.3
1250	0.28	
1600	0.29	
2000	0.31	0.3
2500	0.29	
3150	0.27	
4000	0.34	0.3
5000	0.34	

Client: Lintex
Manufacturer: Lintex
Product identification: Edge Wall 500 x 500

Description of test specimen: Wall absorber 500x500x50 measured directly on floor, type A mounting. The graph scaling deviates from ISO 354 to increase readability.

Reverberation room volume: 200 m³
Temperature: 13.0 °C (empty: 13.0 °C)
Air humidity: 31 % (empty: 31 %)
Air pressure: 100.7 kPa (empty: 100.7 kPa)
Number of specimens: 8

Measurement date: 2019-04-11
Measured by: Johan Jernstedt



$N_{10} = 33$