Lintex Whiteboard

SOUND ABSORPTION AREA

Measurement of sound absorption area in a reverberation room

Report number:
13–120–R4–M1c
Date
2014–06–02

Frequency f [Hz]	Sound absorption area [m² Sabine]	
50	0.06	
63	0.06	0.1
80	0.12	
100	0.24	
125	0.41	0.5
160	0.91	
200	0.62	
250	0.47	0.5
315	0.28	
400	0.22	
500	0.20	0.2
630	0.23	
800	0.06	
1000	0.07	0.1
1250	0.03	
1600	0.13	
2000	0.02	0.1
2500	0.11	
3150	0.13	
4000	0.15	0.1
5000	0.00	

Client: Lintex

Manufacturer: Lintex

Product identification: Whiteboard, prov 1

Description of test specimen: 1225 x 900 mm, thickness 40mm
Type A mounting
0,5mm plåt, 10mm honey, 30mm fyllning

Reverberation room volume: 200 m³

Temperature: 11 °C (empty: 11 °C)

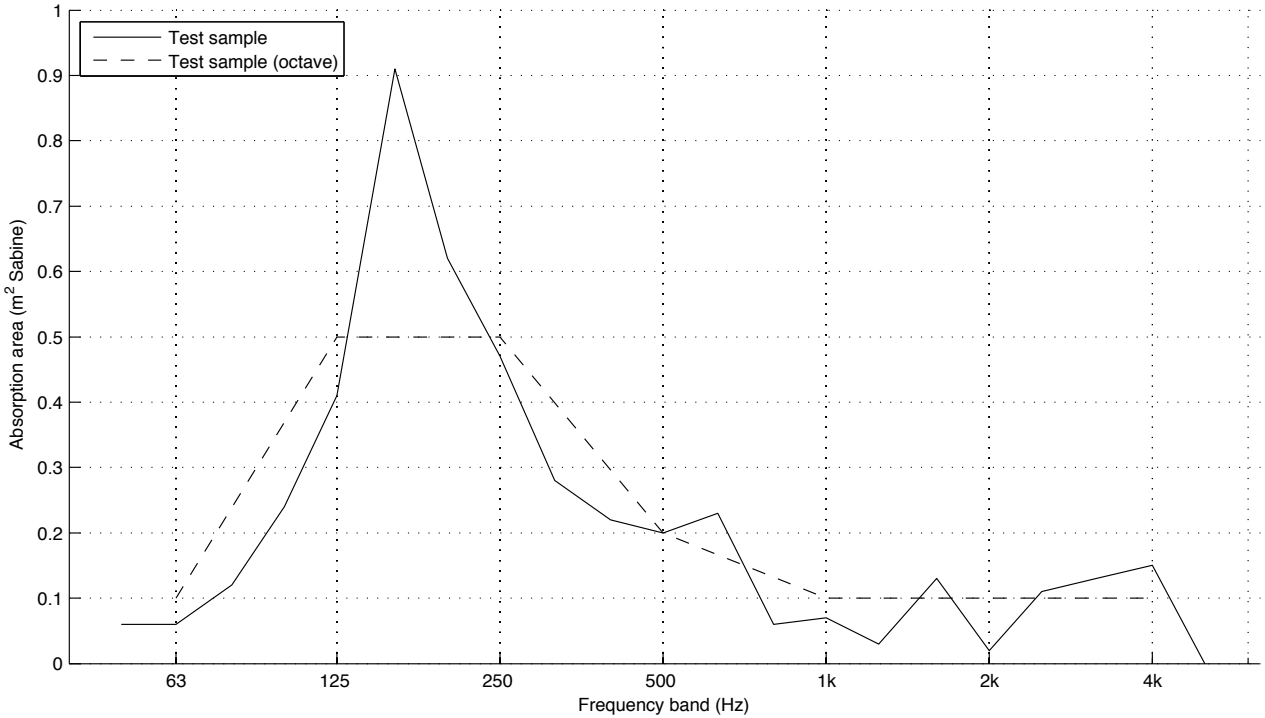
Air humidity: 73 % (empty: 71 %)

Air pressure: 98.7 kPa (empty: 98.6 kPa)

Number of specimens: 1

Measurement date: 2014–05–13

Measured by: Carl Nyqvist



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