

Bloc textile, 600x600 mm

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



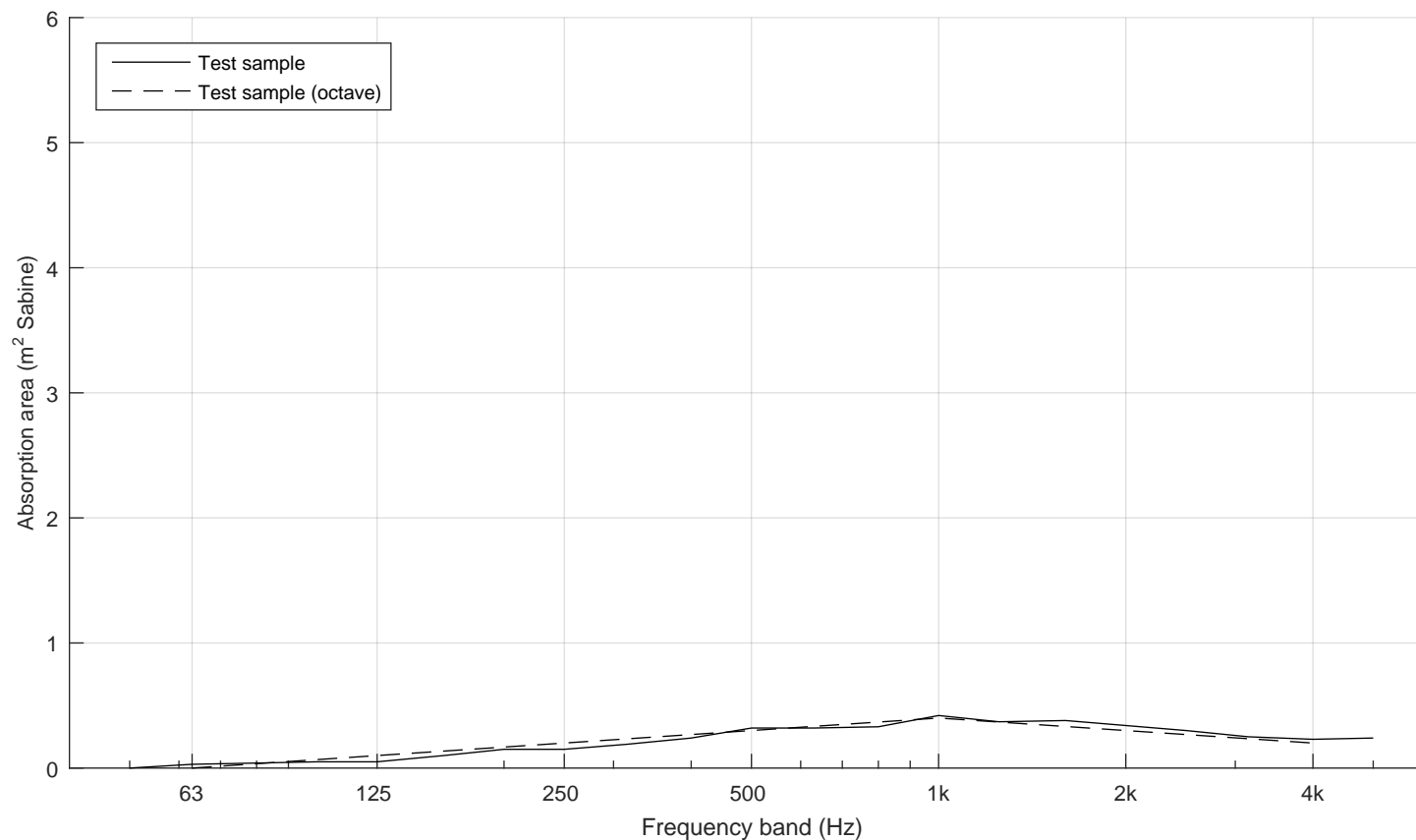
Report number:
17-043-M12
Date
2017-02-20

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.00	
63	0.03	0.0
80	0.04	
100	0.05	
125	0.05	0.1
160	0.10	
200	0.15	
250	0.15	0.2
315	0.19	
400	0.24	
500	0.32	0.3
630	0.32	
800	0.33	
1000	0.42	0.4
1250	0.37	
1600	0.38	
2000	0.34	0.3
2500	0.30	
3150	0.25	
4000	0.23	0.2
5000	0.24	

Client: Lintex
Manufacturer: Lintex
Product identification: Bloc textile
Description of test specimen: Placed on floor. Type A mounting.
Size: 600x600 mm.

Reverberation room volume: 200 m³
Temperature: 15.5 °C (empty: 19.2 °C)
Air humidity: 36 % (empty: 30 %)
Air pressure: 100.1 kPa (empty: 100.4 kPa)
Number of specimens: 9

Measurement date: 2017-02-16
Measured by: Magnus Karlsson



$$N_{10} = 50$$