

Pixel 5.5 sqm

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

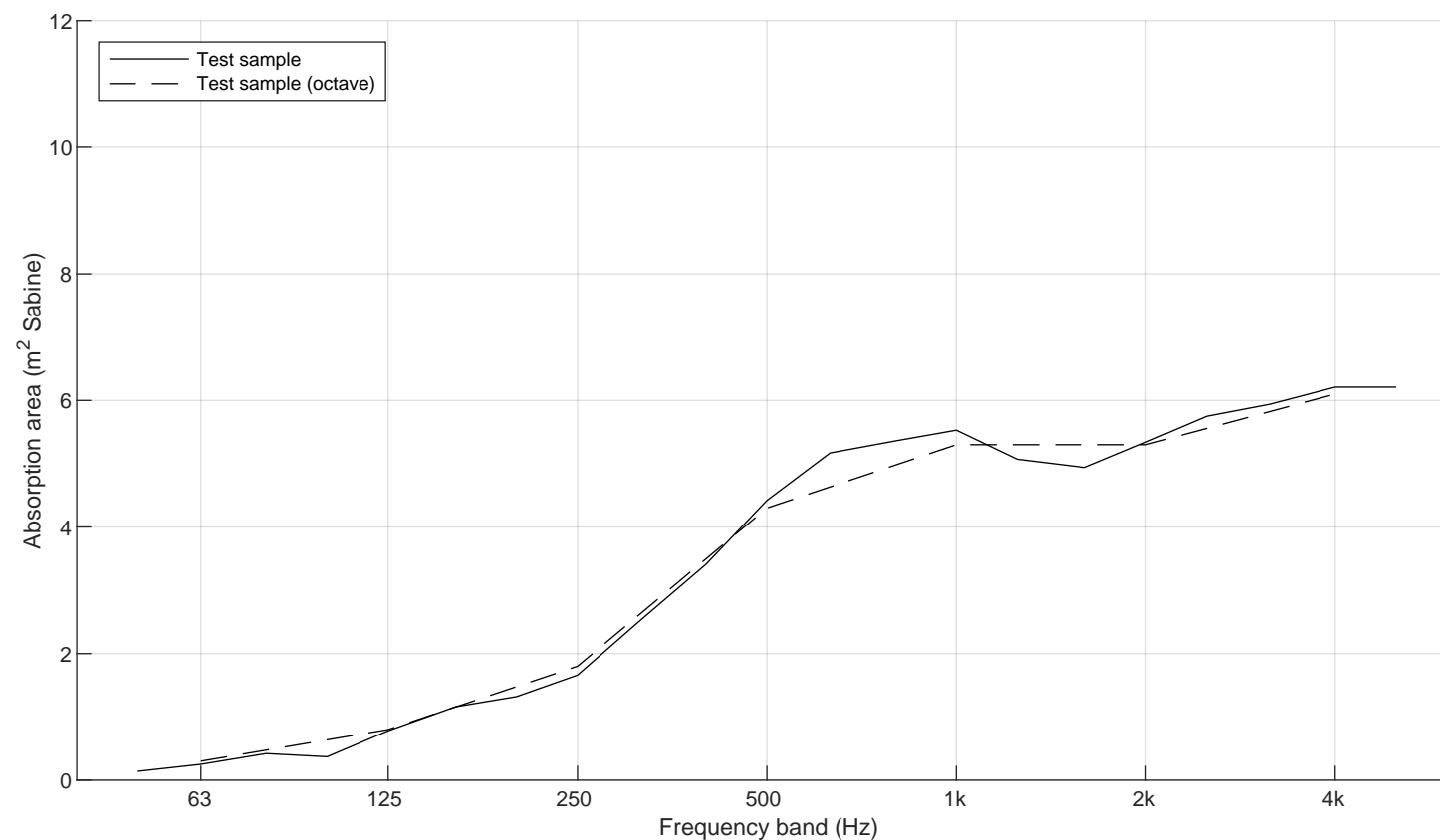
Measurement of sound absorption area in a reverberation room

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.14	
63	0.25	0.3
80	0.42	
100	0.37	
125	0.78	0.8
160	1.16	
200	1.32	
250	1.66	1.8
315	2.53	
400	3.41	
500	4.42	4.3
630	5.17	
800	5.36	
1000	5.53	5.3
1250	5.07	
1600	4.94	
2000	5.34	5.3
2500	5.75	
3150	5.94	
4000	6.21	6.1
5000	6.21	

Client: Nordgröna AB
Manufacturer: Nordgröna AB
Product identification: Pixel 5.5 sqm
Description of test specimen: Sound absorber made of small squares, Pixels, made of reindeer moss. Measurement of one Pixel is 50x50 mm and height 60 mm. 5.5 sqm placed directly on the floor covering approximately 100% of the surface. Compare results with 19-725-M8.

Reverberation room volume: 200 m³
Temperature: 15.9 °C (empty: 15.7 °C)
Air humidity: 46 % (empty: 44 %)
Air pressure: 97.9 kPa (empty: 97.9 kPa)
Number of specimens: 1

Measurement date: 2019-12-11
Measured by: Joachim Schubert



$$N_{10} = 2.3$$