

Akuframe 2000 x 650 x 30, no fabric

SOUND ABSORPTION AREA ACCORDING TO ISO 354 AND SS 25269

Measurement of sound absorption area in a reverberation room



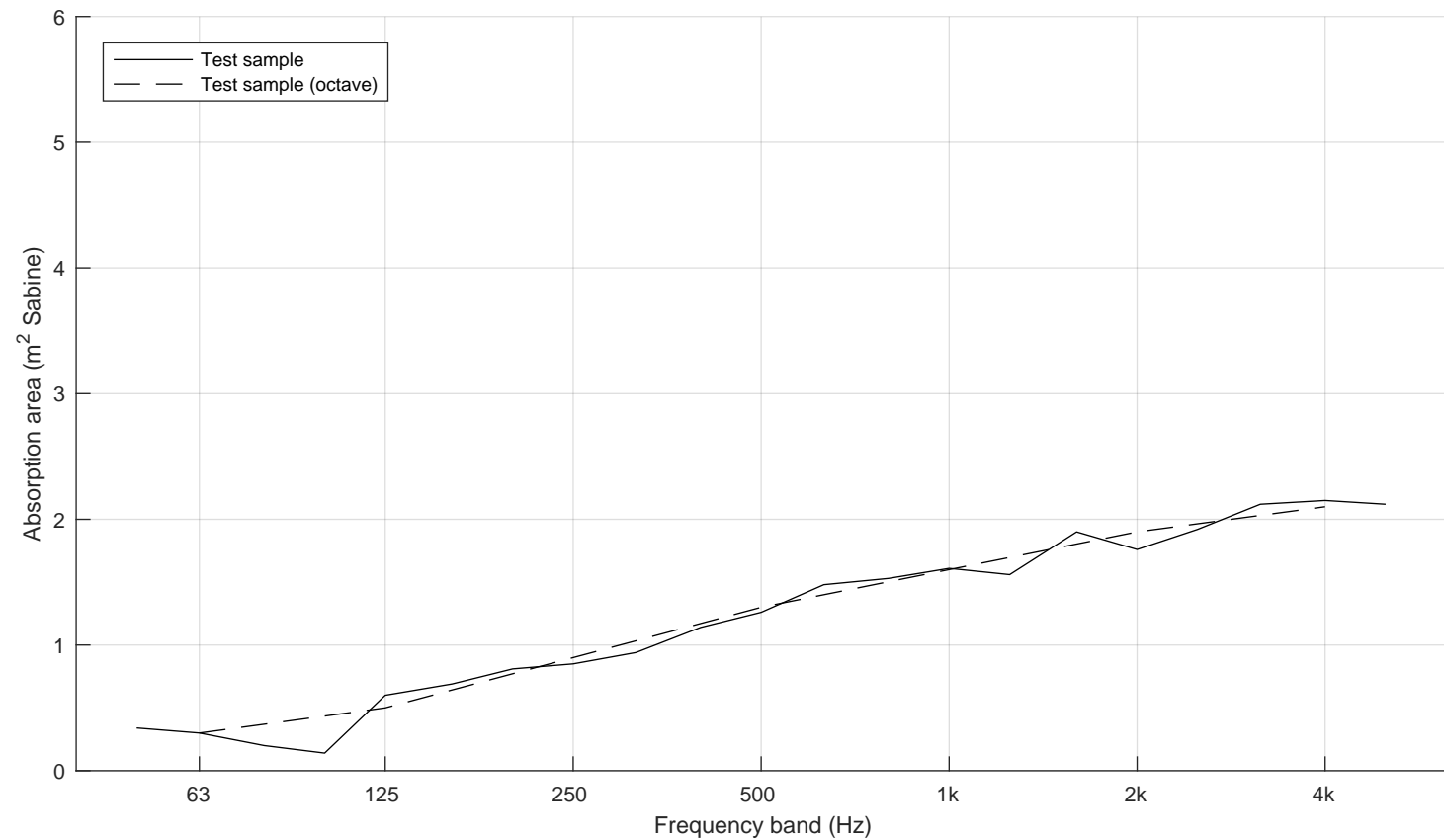
Report number:
18-705-M9
Date
2018-06-20

Frequency f [Hz]	Sound absorption area [m ² Sabine]	
50	0.34	
63	0.30	0.3
80	0.20	
100	0.14	
125	0.60	0.5
160	0.69	
200	0.81	
250	0.85	0.9
315	0.94	
400	1.14	
500	1.26	1.3
630	1.48	
800	1.53	
1000	1.61	1.6
1250	1.56	
1600	1.90	
2000	1.76	1.9
2500	1.92	
3150	2.12	
4000	2.15	2.1
5000	2.12	

Client: Akustil Sweden AB
 Manufacturer: Akustil Sweden AB
 Product identification: Akuframe 2000 x 650, no fabric

Description of test specimen: Sound absorbing desktop screen with metal frame.
 Core of 100% recycled PET fibre with no fabric cover. Size 2000 x 630 x 30 mm.
 Mounted standing on floor.

Reverberation room volume: 200 m³
 Temperature: 18.9 °C (empty: 18.7 °C)
 Air humidity: 54 % (empty: 54 %)
 Air pressure: 99.0 kPa (empty: 99.0 kPa)
 Number of specimens: 2
 Measurement date: 2018-06-20
 Measured by: Carl Nyqvist



$$N_{10} = 7.7$$