

fade® Acoustic Plaster - Albus 25 mm

SOUND ABSORPTION COEFFICIENT PER ASTM C423-17

Measurement of sound absorption coefficient by the reverberation room method

Report number:

18-727-M6

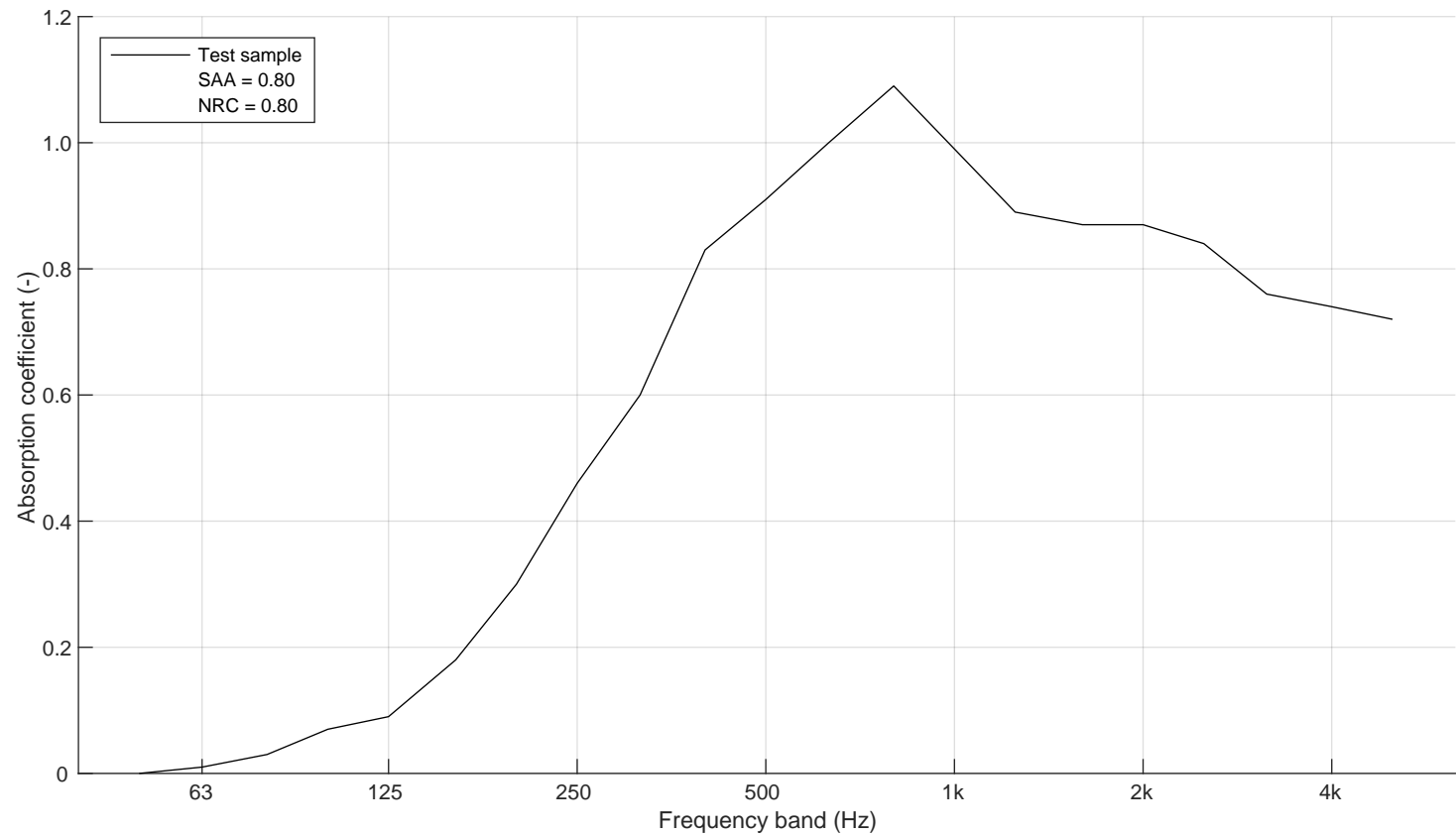
Date

2019-02-14

Frequency f [Hz]	Sound absorption coefficient α
50	0.00
63	0.01
80	0.03
100	0.07
125	0.09
160	0.18
200	0.30
250	0.46
315	0.60
400	0.83
500	0.91
630	1.00
800	1.09
1000	0.99
1250	0.89
1600	0.87
2000	0.87
2500	0.84
3150	0.76
4000	0.74
5000	0.72

Client: Fade Acoustic Ceilings
Manufacturer: Fade Acoustic Ceilings
Product identification: fade® Acoustic - Albus 25 mm.
Description of test specimen: 25mm fade® Acoustic Plaster - Albus Type A mounting.

Reverberation room volume: 200 m³
Temperature: 18.4 °C (empty: 19.3 °C)
Air humidity: 30 % (empty: 29 %)
Air pressure: 99.3 kPa (empty: 99.3 kPa)
Size of specimen: 10 m²
Area weight: kg/m²
Measurement date: 2019-02-04
Measured by: Carl Nyqvist



Sound Absorption Average (SAA): 0.80

Noise Reduction Coefficient (NRC): 0.80