

fade® Acoustic Plaster - PLUS+ 20 mm (3/4")

SOUND ABSORPTION COEFFICIENT PER ASTM C423-17

Measurement of sound absorption coefficient by the reverberation room method

Report number:

18-714-M3

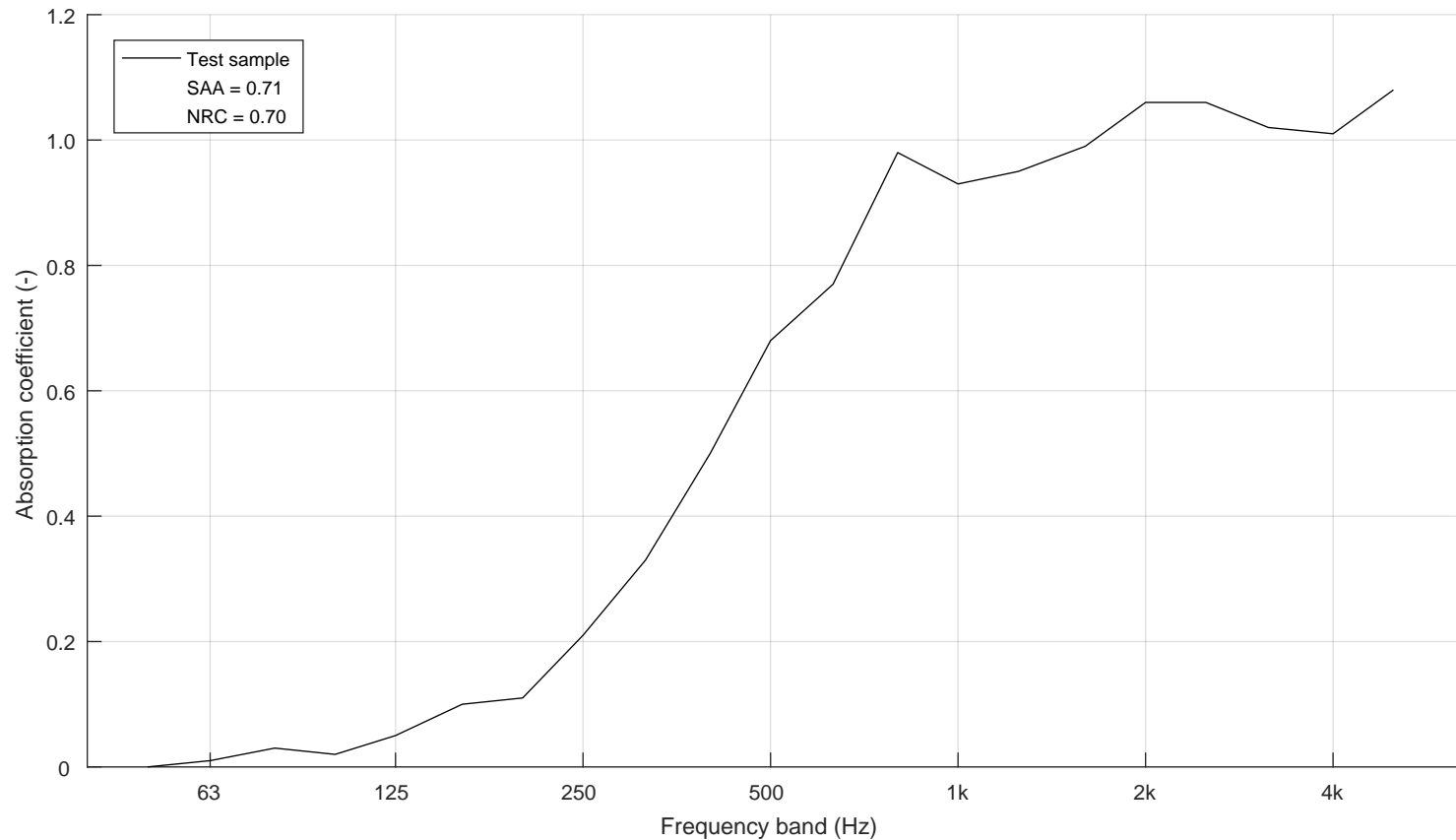
Date

2018-10-18

Frequency f [Hz]	Sound absorption coefficient α
50	0.00
63	0.01
80	0.03
100	0.02
125	0.05
160	0.10
200	0.11
250	0.21
315	0.33
400	0.50
500	0.68
630	0.77
800	0.98
1000	0.93
1250	0.95
1600	0.99
2000	1.06
2500	1.06
3150	1.02
4000	1.01
5000	1.08

Client: fade® Acoustic Ceilings
Manufacturer: fade® Acoustic Ceilings
Product identification: fade® Acoustic - PLUS 20 mm
Description of test specimen: 20mm fade® Acoustic Plaster - PLUS+ Type A mounting.

Reverberation room volume: 200 m³
Temperature: 16.0 °C (empty: 16.0 °C)
Air humidity: 70 % (empty: 70 %)
Air pressure: 98.6 kPa (empty: 98.6 kPa)
Size of specimen: 10 m²
Area weight: 0.7 kg/m²
Measurement date: 2018-09-18
Measured by: Johan Jernstedt



Sound Absorption Average (SAA): 0.71

Noise Reduction Coefficient (NRC): 0.70