Fade Acoustic Ceilings PLUS 20 mm

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

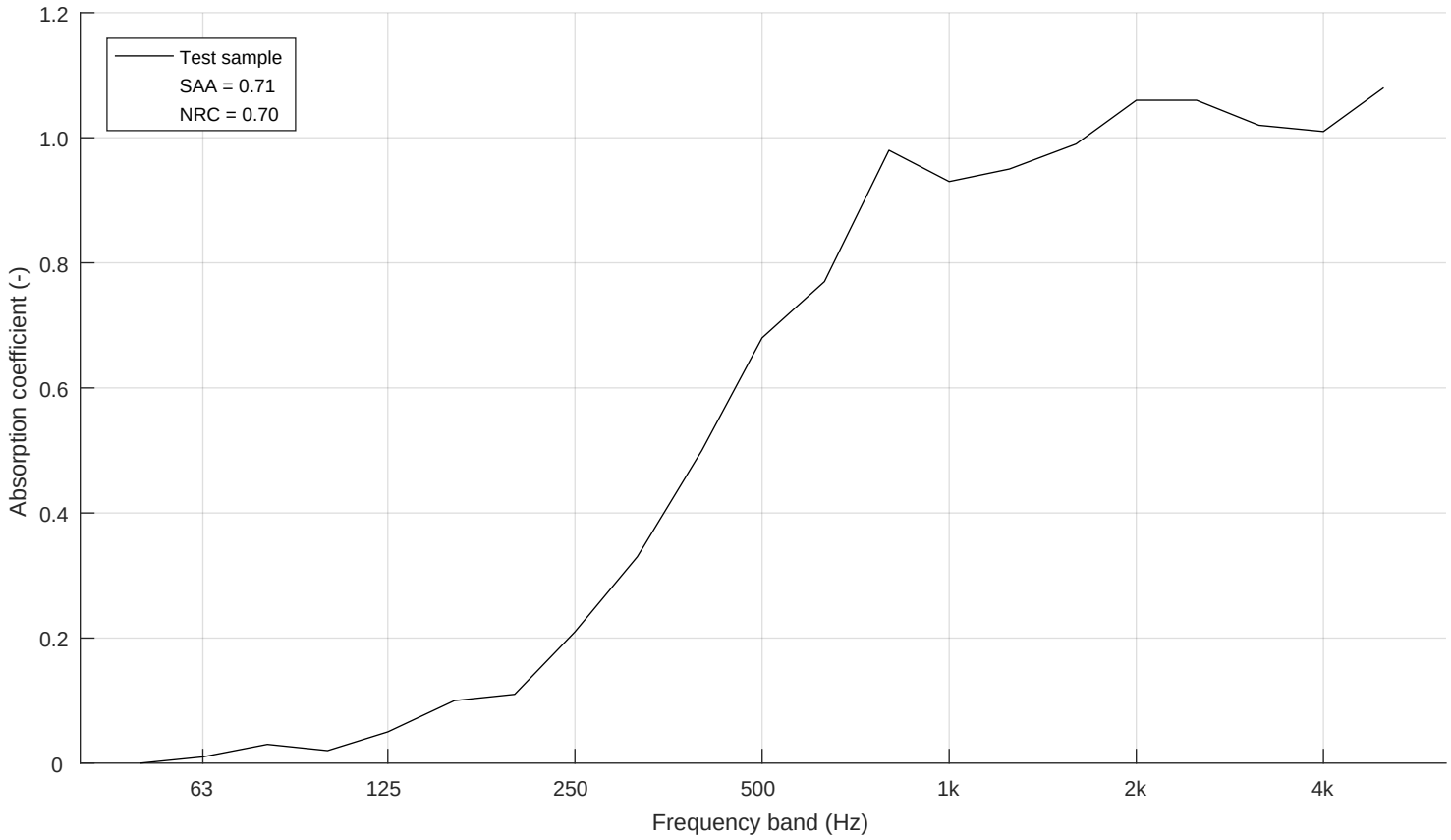
Frequency f [Hz]	Sound absorption coefficient α
50	0.00
63	0.01
80	0.03
100	0.02
125	0.05
160	0.10
200	0.11
250	0.21
315	0.33
400	0.50
500	0.68
630	0.77
800	0.98
1000	0.93
1250	0.95
1600	0.99
2000	1.06
2500	1.06
3150	1.02
4000	1.01
5000	1.08

Sound Absorption Average (SAA): 0.71

Noise Reduction Coefficient (NRC): 0.70

Client:	Fade Acoustic Ceilings
Manufacturer:	Fade Acoustic Ceilings
Product identification:	PLUS 20 mm
Description of test specimen:	20 mm fibreglass board covered by a thin layer of acoustic plaster. Type A mounting.

Reverberation room volume:			200 m^3
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 m^2		
Area weight:	0.7 kg/m^2		
Measurement date:			2018-09-18
Measured by:			Johan Jernstedt



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