

fade® Acoustic Plaster - PLUS+ 15 mm

SOUND ABSORPTION COEFFICIENT PER ASTM C423-17

Measurement of sound absorption coefficient by the reverberation room method

Report number:

18-727-M5

Date

2019-02-14

Frequency f [Hz]	Sound absorption coefficient α	Client: Manufacturer: Product identification: Description of test specimen:	fade® Acoustic Ceilings fade® Acoustic Ceilings fade® Acoustic - PLUS 15 mm 15mm fade® Acoustic Plaster - PLUS+ Type A mounting.	Reverberation room volume: Temperature: Air humidity: Air pressure: Size of specimen: Area weight: Measurement date: Measured by:	200 m ³ 18.3 °C (empty: 19.3 °C) 30% (empty: 29%) 99.3 kPa (empty: 99.3 kPa) 10 m ² kg/m ² 2019-02-04 Carl Nyqvist
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50	0.00
63	0.01
80	0.03
100	0.05
125	0.06
160	0.07
200	0.16
250	0.25
315	0.41
400	0.62
500	0.78
630	0.88
800	0.83
1000	0.77
1250	0.69
1600	0.68
2000	0.83
2500	0.74
3150	0.62
4000	0.68
5000	0.63

Sound Absorption Average (SAA): 0.64

Noise Reduction Coefficient (NRC): 0.65

