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Confidential

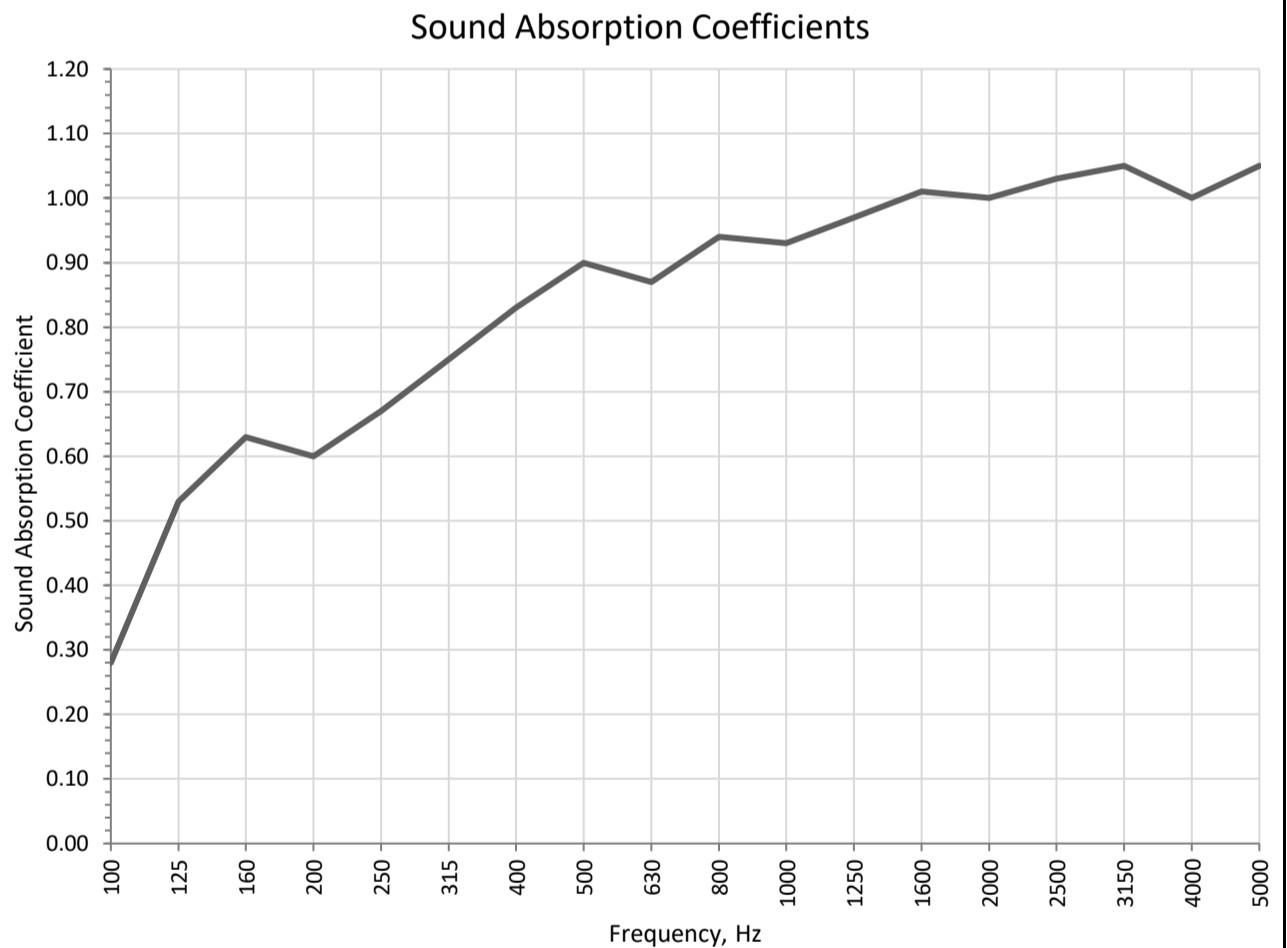
Date: 29 March 2021

See SRL Report 24507-24-SRL-RP-XT-001-PI for full details

Laboratory Measurement of Random Incidence Sound Absorption to BS EN ISO 354:2003

Test Number:	5	Test Room:	Empty	With Sample
Client:	Rockfon	Air Temperature:	15 °C	15 °C
Test Date:	25/03/2021	Air Humidity:	62 % RH	59 % RH
Chamber Volume:	300.1 m ³	Air Pressure:	1010 mbar	1009 mbar
Mounting Method:	E-200	Sample Area:	12.96 m ²	
Sample Description:	Mono Acoustic TE / 1200x1200x40mm / WK10A_F03 / Rendered			

Frequency Hz	T1, empty room reverberation time sec	T2, room reverberation time with sample sec	Sound Absorption Coefficient a_s	Practical Sound Absorption Coefficient a_p
50*	5.00	3.71	0.26	n/a
63*	4.95	3.19	0.42	
80*	7.03	3.86	0.44	
100	7.21	4.68	0.28	0.50
125	6.86	3.49	0.53	
160	6.35	3.09	0.63	
200	6.15	3.11	0.60	0.65
250	6.57	3.02	0.67	
315	6.62	2.85	0.75	
400	6.40	2.65	0.83	0.85
500	5.53	2.38	0.90	
630	4.93	2.30	0.87	
800	4.95	2.21	0.94	0.95
1000	5.53	2.34	0.93	
1250	5.56	2.29	0.97	
1600	5.20	2.17	1.01	1.00
2000	4.83	2.11	1.00	
2500	4.30	1.96	1.03	
3150	3.50	1.76	1.05	1.00
4000	2.84	1.60	1.00	
5000	2.24	1.36	1.05	
6300*	1.60	1.08	1.07	n/a
8000*	1.32	0.95	1.02	
10000*	0.91	0.71	1.03	



α_w 0.90

Class A

Calculated to BS EN ISO 11654:1997

NRC 0.90

Calculated to ASTM C 423-01

* Denotes frequencies outside the range covered by BS EN ISO 354:2003 and not UKAS accredited

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Tester

Allen Smalls
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