



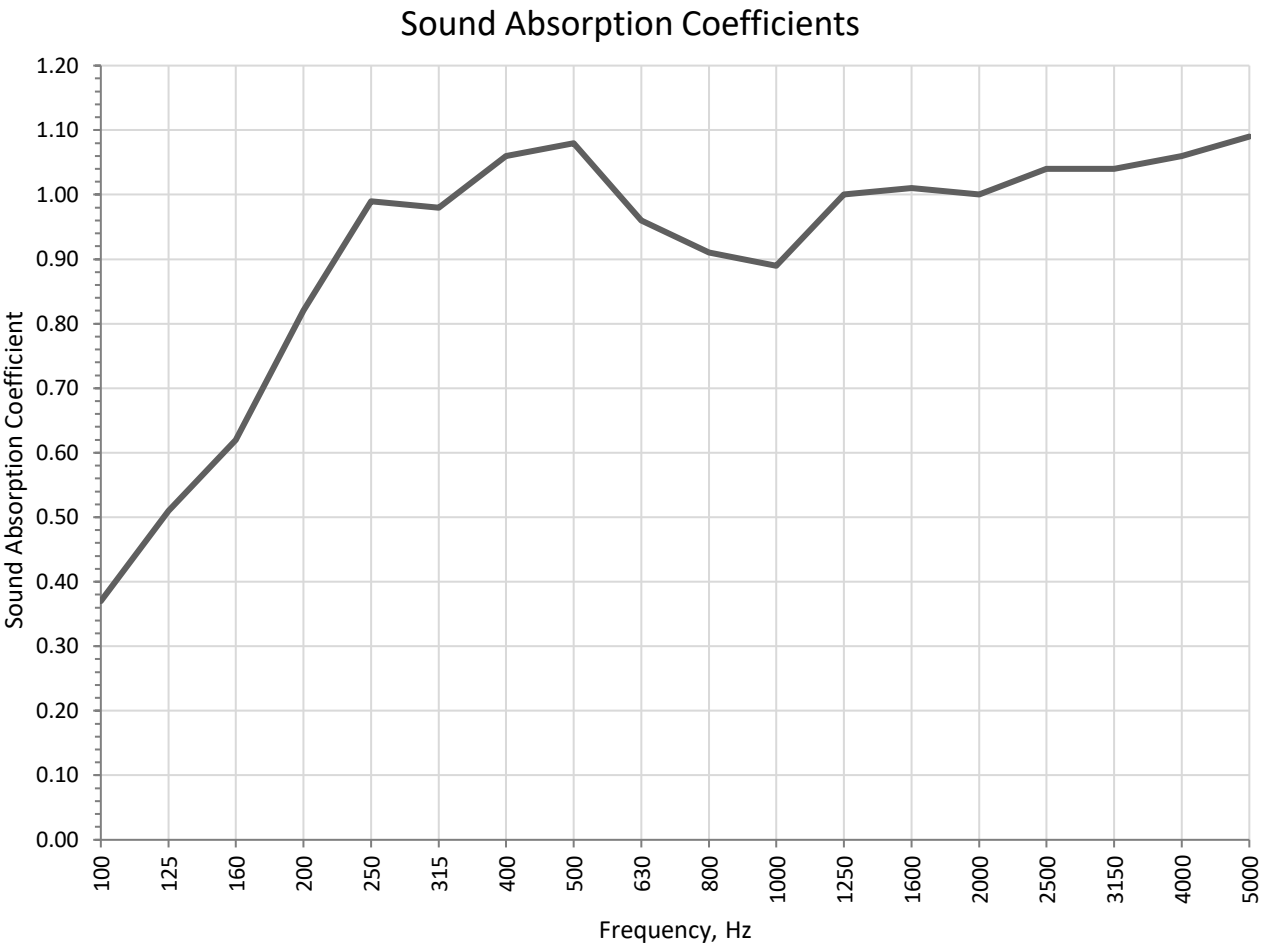
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See SRL Report 82838-SRL-RP-XT-002-PI for full details

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

Test Number:	4	Test Room:	Empty	With Sample
Client:	Rockfon, ROCKWOOL Danmark A/S	Air Temperature:	21.3 °C	21.7 °C
Test Date:	20/06/2025	Air Humidity:	64.8 % RH	68.1 % RH
Chamber Volume:	300.1 m³	Air Pressure:	1018 mbar	1018 mbar
Mounting Method:	E-200	Sample Area:	10.31 m²	
Sample	Rockfon Krios 2026 E24S8 600x600x20mm WK22/5/A			
Description:				

Frequency Hz	T1, empty room reverberation time sec	T2, room reverberation time with sample sec	Sound Absorption Coefficient α_s	Practical Sound Absorption Coefficient α_p
50*	4.66	4.29	0.09	n/a
63*	4.82	3.87	0.24	
80*	5.62	3.91	0.37	
100	6.71	4.38	0.37	0.50
125	6.17	3.68	0.51	
160	5.73	3.26	0.62	
200	6.29	3.00	0.82	0.95
250	6.31	2.71	0.99	
315	6.56	2.76	0.98	
400	6.49	2.63	1.06	1.00
500	5.67	2.46	1.08	
630	4.98	2.46	0.96	
800	4.95	2.52	0.91	0.95
1000	5.52	2.69	0.89	
1250	5.41	2.50	1.00	
1600	4.95	2.39	1.01	1.00
2000	4.61	2.32	1.00	
2500	4.20	2.17	1.04	
3150	3.61	2.01	1.04	1.00
4000	3.06	1.82	1.06	
5000	2.53	1.61	1.09	
6300*	1.96	1.37	1.10	n/a
8000*	1.51	1.13	1.14	
10000*	1.09	0.89	1.13	



α_w 1.00

Class A

Calculated to BS EN ISO 11654:1997

NRC 1.00

Calculated to ASTM C 423-01

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

Version 4

Richard Calvert
Tester

Allen Smalls
Quality Manager