

Confidential

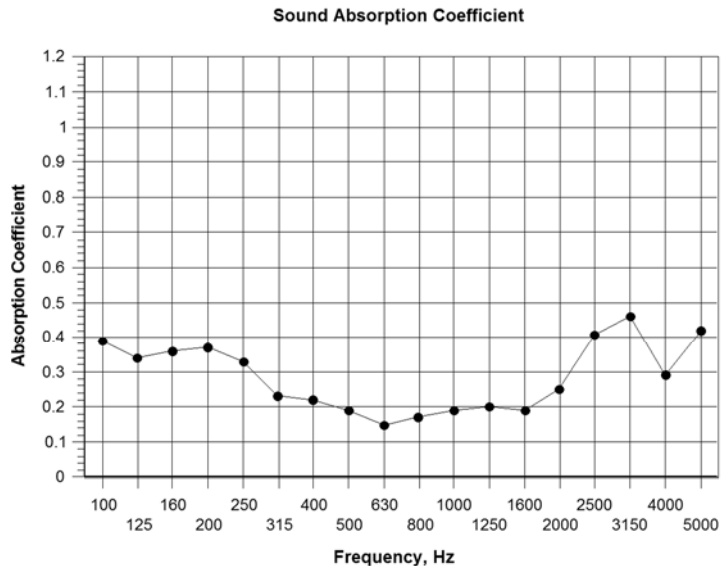
See SRL report C/23394/T13 for full details

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

Client: Rockfon
Test Date: 07/06/2016
Empty Room: Temperature: 17.6 °C Humidity: 61 %RH Pressure: 1015 mbar
Room with Sample: Temperature: 18.0 °C Humidity: 64 %RH Pressure: 1016 mbar
Sample Description: Blanka BAS A15/24 1200x600x20mm

Mounting Method: E-200
Sample Area: 10.51 m²
Chamber Volume: 300 m³

Test 20				
Freq Hz	T1 sec	T2 sec	Absorp Coeff	Practical Absorp Coeff #
50*	4.91	4.14	0.17	
63*	4.54	3.24	0.41	n/a
80*	4.80	3.32	0.43	
100	7.24	4.51	0.39	
125	7.12	4.67	0.34	0.35
160	7.00	4.52	0.36	
200	7.49	4.66	0.37	
250	7.86	5.06	0.33	0.30
315	7.45	5.42	0.23	
400	7.00	5.26	0.22	
500	6.07	4.86	0.19	0.20
630	5.57	4.68	0.15	
800	5.96	4.89	0.17	
1000	6.44	5.08	0.19	0.20
1250	6.16	4.83	0.20	
1600	5.47	4.47	0.19	
2000	5.09	3.99	0.25	0.30
2500	4.49	3.24	0.41	
3150	3.75	2.77	0.46	
4000	3.08	2.63	0.29	0.40
5000	2.47	2.07	0.42	
6300*	1.75	1.61	0.32	
8000*	1.42	1.33	0.37	n/a
10000*	0.98	0.96	0.32	



a_w 0.25(LH)
Class E
 Calculated to EN ISO 11654:1997
NRC 0.25
 Calculated to ASTM C 423-01
 * Denotes frequencies outside the range covered by BS EN ISO 354:2003
 T1, empty room reverberation time
 T2, room reverberation time with sample

Practical absorption coefficient, BS EN ISO 11654:1997

v4.3



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