



Holbrook House, Little Waldingfield,
Sudbury, Suffolk CO10 0TF

0444

Page: 1 of 1

Tel: +44 (0) 1787 247595

e-mail: srl@srltstl.com

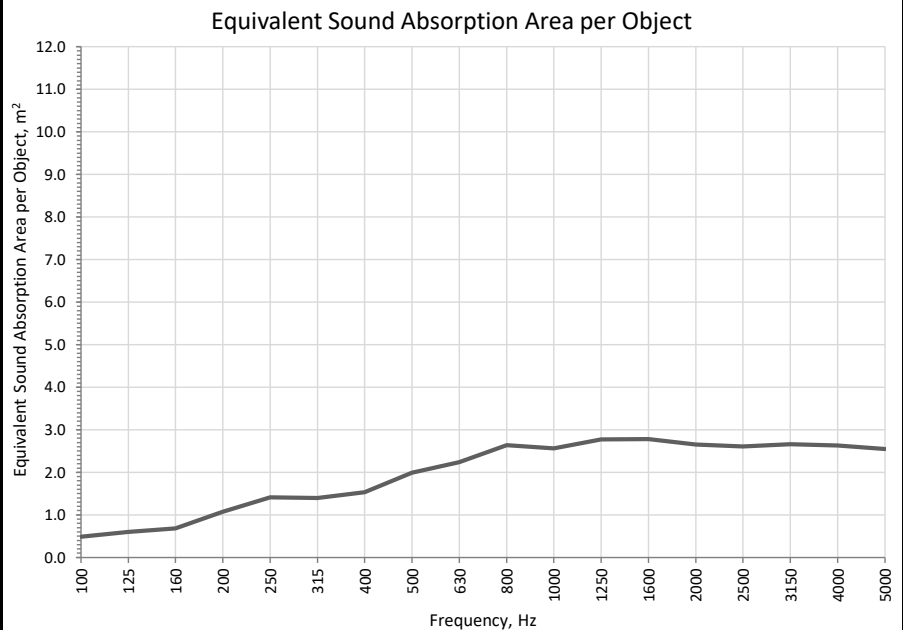
Confidential

Date: 26 April 2021

See SRL Report 24507-25-SRL-RP-XT-003-PI for full details
Laboratory Measurement of Random Incidence Sound Absorption to BS EN ISO 354:2003

Test Number:	Test 15	Test Room:	Empty	With Sample
Client:	Rockfon	Air Temperature:	16.4 °C	16.5 °C
Test Date:	31/03/2021	Air Humidity:	56 % RH	54 % RH
Chamber Volume:	300.1 m ³	Air Pressure:	1013 mbar	1013 mbar
Mounting Method:	Discrete Objects	Number of Objects:	4.00	
Sample Description:	Rockfon Eclipse Customised 1160x1160x40mm (T paint) 4 Discrete Objects 500mm from floor			

Frequency Hz	T1, empty room reverberation time sec	T2, room reverberation time with sample sec	Equivalent Sound Absorption Area per Object, m ²
50*	4.87	5.13	-0.1
63*	5.65	5.27	0.2
80*	7.87	7.33	0.1
100	7.45	5.72	0.5
125	7.09	5.26	0.6
160	6.19	4.60	0.7
200	6.31	4.06	1.1
250	6.52	3.72	1.4
315	6.49	3.72	1.4
400	6.13	3.47	1.5
500	5.46	2.88	2.0
630	4.97	2.60	2.2
800	5.00	2.40	2.6
1000	5.48	2.54	2.6
1250	5.43	2.43	2.8
1600	5.17	2.37	2.8
2000	4.78	2.33	2.7
2500	4.20	2.20	2.6
3150	3.45	1.95	2.7
4000	2.81	1.73	2.6
5000	2.19	1.48	2.6
6300*	1.55	1.15	2.6
8000*	1.29	1.00	2.5
10000*	0.89	0.74	2.3



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

v1

Kieron Farrow
Kieron Farrow
Tester

Allen Smalls
Allen Smalls
Quality Manager