



Holbrook House, Little Waldingfield,
Sudbury, Suffolk CO10 0TF
Tel: (01787) 247595
e-mail: srl@srtsl.com



Test Certificate No. 6801a

Contract: C/21751

Page: 1 of 1

Date: 21 May 2015

Confidential

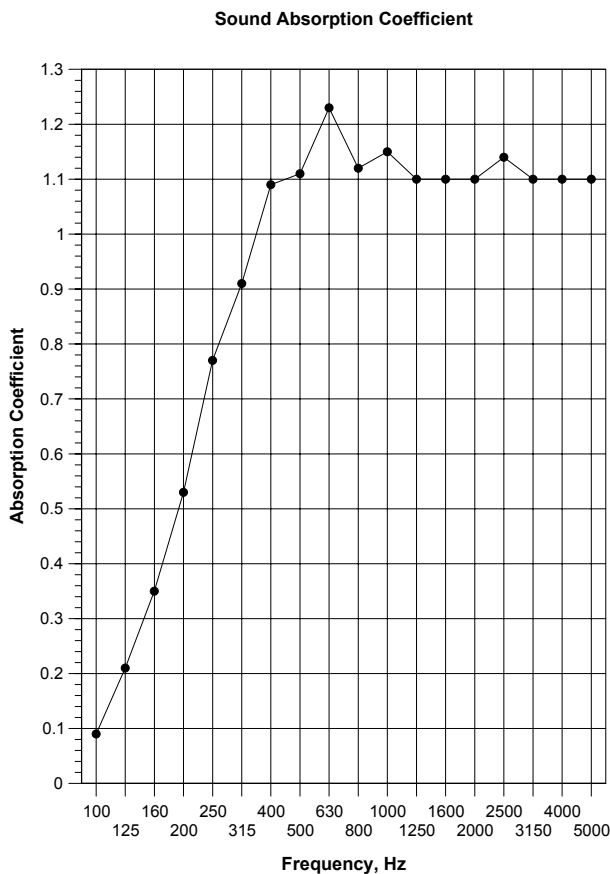
See SRL report C/21751/T01 for full details

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

Client: Rockwool Asia
Test Date: 21/09/2011
Empty Room: Temperature: 17.8 °C Humidity: 68 %RH Pressure: 1010 mbar
Room with Sample: Temperature: 17.8 °C Humidity: 69 %RH Pressure: 1010 mbar
Sample Description: Safe 'n' Silent Pro370, 1200x600x50mm 80kg/m³
Mounting Method: A
Sample Area: 10.8 m²
Chamber Volume: 300 m³

Test 19

Freq Hz	T1 sec	T2 sec	Absorp Coeff	Practical Absorp Coeff #
50*	4.45	4.29	0.04	
63*	4.73	4.47	0.06	n/a
80*	5.76	5.17	0.09	
100	7.97	6.92	0.09	
125	8.21	5.94	0.21	0.20
160	7.93	4.92	0.35	
200	7.61	4.02	0.53	
250	7.95	3.37	0.77	0.75
315	7.72	3.01	0.91	
400	6.86	2.57	1.09	
500	5.66	2.36	1.11	1.00
630	5.22	2.15	1.23	
800	5.69	2.35	1.12	
1000	6.33	2.41	1.15	1.00
1250	6.14	2.45	1.10	
1600	5.60	2.36	1.10	
2000	5.18	2.28	1.10	1.00
2500	4.63	2.13	1.14	
3150	3.93	2.01	1.10	
4000	3.30	1.83	1.10	1.00
5000	2.64	1.61	1.10	
6300*	2.01	1.38	1.04	
8000*	1.71	1.20	1.15	n/a
10000*	1.18	0.90	1.23	



α_w 1.00
Class A
 Calculated to EN ISO 11654:1997
NRC 1.05
 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

v3.2

Laboratory Engineer

Quality Manager