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See SRL report C/09/5L/20816/R04 for full details

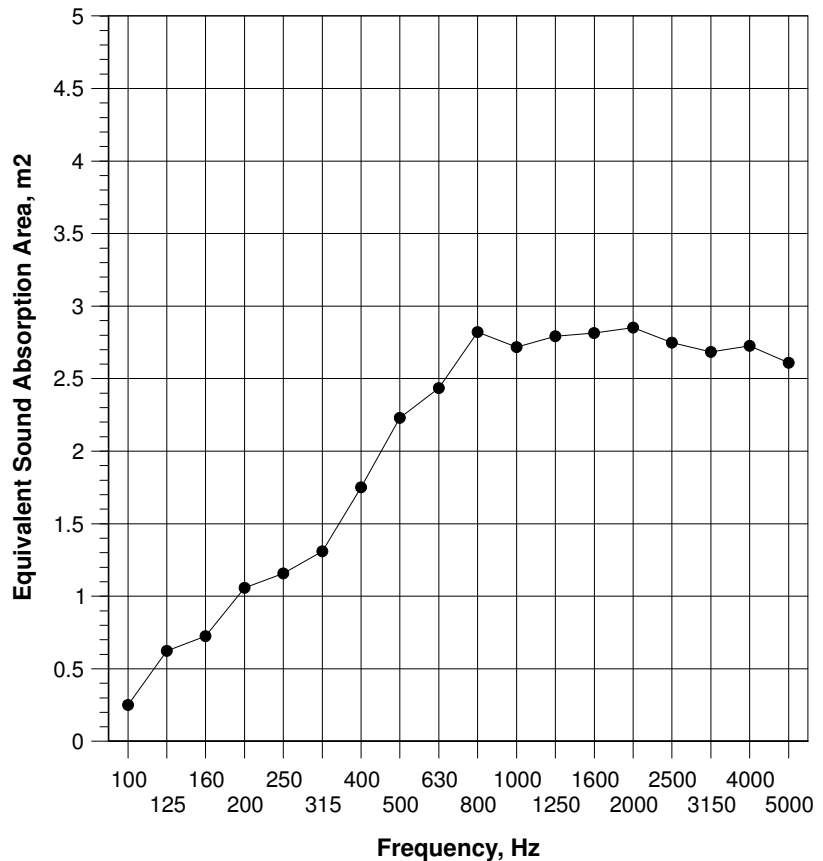
### The Laboratory Measurement of Random Incidence Sound Absorption to BS EN ISO 354:2003

**Client:** Rockfon  
**Test Date:** 16/06/2009  
**Empty Room:** Temperature: 17.4 °C Humidity: 70 %RH Pressure: 1017 mbar  
**Room with Sample:** Temperature: 18.2 °C Humidity: 68 %RH Pressure: 1017 mbar  
**Sample:** Five Eclipse 1200x1200x40mm spaced at least 2000mm apart from each other  
**Description:** B edge  
**Mounting Method:** Discrete objects, with 500mm airspace behind test sample  
**Chamber Volume:** 300 m<sup>3</sup>

Equivalent Sound Absorption Area, m<sup>2</sup> per object

Test 8			
Freq Hz	T1 sec	T2 sec	Equivalent Sound Absorption Area, m <sup>2</sup>
50*	4.37	4.35	0.0
63*	3.84	3.72	0.1
80*	4.38	4.39	-0.0
100	6.31	5.42	0.3
125	7.87	5.22	0.6
160	7.57	4.83	0.7
200	7.87	4.23	1.1
250	8.67	4.26	1.2
315	7.86	3.81	1.3
400	6.96	3.08	1.8
500	5.84	2.49	2.2
630	5.52	2.31	2.4
800	5.91	2.17	2.8
1000	6.50	2.30	2.7
1250	6.26	2.23	2.8
1600	5.89	2.17	2.8
2000	5.31	2.07	2.9
2500	4.74	2.02	2.7
3150	3.97	1.89	2.7
4000	3.22	1.69	2.7
5000	2.57	1.52	2.6
6300*	1.98	1.28	2.7
8000*	1.46	1.04	2.7
10000*	1.11	0.84	2.8

\* Denotes frequencies outside the range covered by BS EN ISO 354:2003  
 T1, empty room reverberation time  
 T2, room reverberation time with sample



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