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

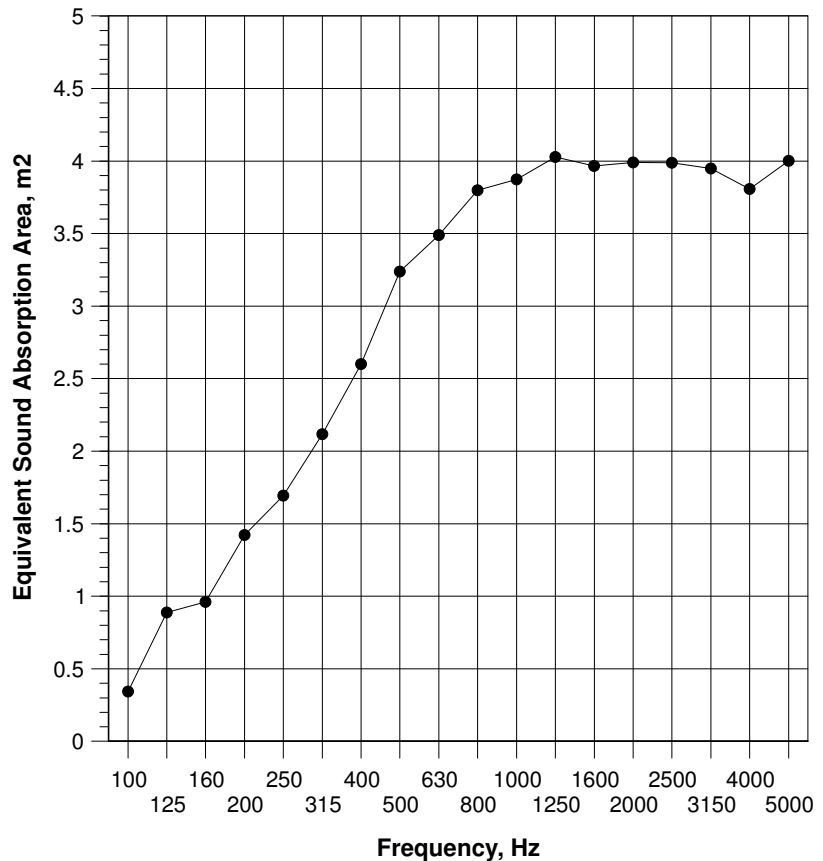
The Laboratory Measurement of Random Incidence Sound Absorption to BS EN ISO 354:2003

Client: Rockfon
Test Date: 16/06/2009
Empty Room: Temperature: 17.4 °C Humidity: 70 %RH Pressure: 1017 mbar
Room with Sample: Temperature: 18.1 °C Humidity: 68 %RH Pressure: 1017 mbar
Sample: Four Eclipse 1800x1200x40mm spaced at least 2000mm apart from each other
Description: B edge
Mounting Method: Discrete objects, with 500mm airspace behind test sample
Chamber Volume: 300 m³

Equivalent Sound Absorption Area, m² per object

Test 6			
Freq Hz	T1 sec	T2 sec	Equivalent Sound Absorption Area, m ²
50*	4.37	4.41	-0.0
63*	3.84	3.56	0.2
80*	4.38	4.62	-0.1
100	6.31	5.35	0.3
125	7.87	4.99	0.9
160	7.57	4.73	1.0
200	7.87	4.09	1.4
250	8.67	3.92	1.7
315	7.86	3.31	2.1
400	6.96	2.79	2.6
500	5.84	2.28	3.2
630	5.52	2.13	3.5
800	5.91	2.07	3.8
1000	6.50	2.11	3.9
1250	6.26	2.03	4.0
1600	5.89	2.01	4.0
2000	5.31	1.93	4.0
2500	4.74	1.85	4.0
3150	3.97	1.73	3.9
4000	3.22	1.60	3.8
5000	2.57	1.39	4.0
6300*	1.98	1.21	3.9
8000*	1.46	1.02	3.6
10000*	1.11	0.83	3.7

* 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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