

- 1.5. Test Reference:** 4775-4325
Sample Reference: Turbo Traps
Sample Description: Bass Traps – Non-Standard Mounting

Eight bass traps were installed, by the client, on their sides around the edges of reverberation chamber. The cylindrical traps were 916 mm long with a 410 mm diameter.



BS EN ISO 354:2003 Acoustics - Measurement of absorption in a reverberation room

Client: **GIK Acoustics Europe**
Unit F, Perseverance Mills, Giles Street, Wibsey
BD6 3HS

Sample Reference: **Turbo Traps**

Description of Sample: Bass Traps - Non-Standard Mounting
Frequencies 50, 63 and 80 Hz are not accredited.

Room Volume: 221 m³ Location: Acoustic Transmission Suite
No. of Samples: 8 Test Room Large reverberation Room
Condition: Clean

Sample Out		Sample In	
Temperature	20.0 °C	Temperature	20.0 °C
Relative Humidity	50.9 %	Relative Humidity	50.9 %
Static Pressure	100.5 kPa	Static Pressure	100.5 kPa

Random Incidence Equivalent Absorption Area

Frequency [Hz]	T_1 [s]	T_2 [s]	A_{obj}
50	6.55	2.40	0.2
63	6.84	2.12	0.3
80	6.60	2.33	0.8
100	8.26	2.22	1.5
125	6.87	2.02	1.6
160	6.55	2.40	1.2
200	6.84	2.12	1.5
250	6.60	2.33	1.2
315	6.89	2.28	1.3
400	6.85	2.54	1.1
500	6.93	2.59	1.1
630	6.91	2.69	1.0
800	6.63	2.75	1.0
1000	6.35	2.82	0.9
1250	5.82	2.76	0.9
1600	5.37	2.71	0.8
2000	4.74	2.62	0.8
2500	4.04	2.37	0.8
3150	3.33	2.13	0.8
4000	2.47	1.75	0.7
5000	2.11	1.58	0.7

Test reference: 4775-4325

Date: 08 October 2020

University of Salford, School of Computing Science & Engineering

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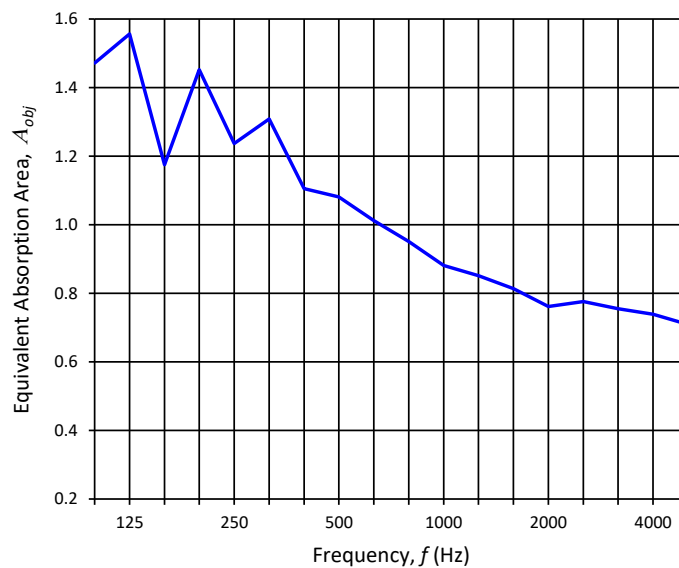
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Condition: Clean

Sample Out		Sample In	
Temperature	20.0 °C	Temperature	20.0 °C
Relative Humidity	50.9 %	Relative Humidity	50.9 %
Static Pressure	100.5 kPa	Static Pressure	100.5 kPa

Random Incidence Equivalent Absorption Area

Frequency [Hz]	A_{obj}
50	0.2
63	0.3
80	0.8
100	1.5
125	1.6
160	1.2
200	1.5
250	1.2
315	1.3
400	1.1
500	1.1
630	1.0
800	1.0
1000	0.9
1250	0.9
1600	0.8
2000	0.8
2500	0.8
3150	0.8
4000	0.7
5000	0.7

Signed: 

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