

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

Client: **GIK Acoustics Europe**
 Unit F, Perseverance Mills, Giles Street, Wibsey,
 BD06 3HS

Sample Reference: **Slat Fusor, Six Inch - Type J Mounting**
Description of Sample: Slatted Panel

Room Volume: 220 m³ Location: Acoustic Transmission Suite
 No. of Samples: 15 Test Room Large reverberation Room
 Condition: Clean

Sample Out		Sample In	
Temperature	20.0 °C	Temperature	20.1 °C
Relative Humidity	59.9 %	Relative Humidity	59.5 %
Static Pressure	100.4 kPa	Static Pressure	100.4 kPa

Random Incidence Equivalent Absorption Area

Frequency [Hz]	T_1 [s]	T_2 [s]	A_{obj}
100	7.32	1.05	1.9
125	6.98	1.21	1.6
160	6.11	1.41	1.3
200	6.60	1.56	1.2
250	7.34	1.67	1.1
315	6.78	1.54	1.2
400	6.37	1.64	1.1
500	6.26	1.60	1.1
630	6.12	1.73	1.0
800	6.01	1.78	0.9
1000	5.62	1.78	0.9
1250	5.24	1.80	0.9
1600	4.93	1.77	0.9
2000	4.42	1.73	0.8
2500	3.80	1.66	0.8
3150	3.17	1.53	0.8
4000	2.50	1.36	0.8
5000	2.13	1.26	0.8

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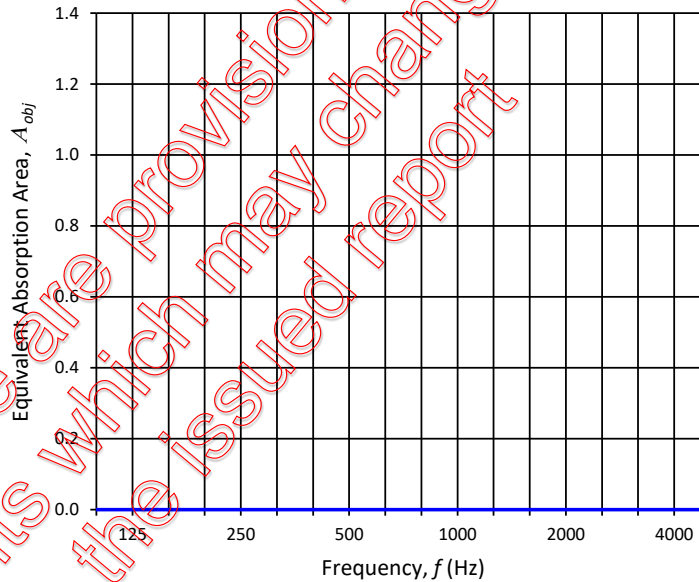
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Random Incidence Equivalent Absorption Area

Frequency [Hz]	A_{obj}
100	1.9
125	1.6
160	1.3
200	1.2
250	1.1
315	1.2
400	1.1
500	1.1
630	1.0
800	0.9
1000	0.9
1250	0.9
1600	0.9
2000	0.8
2500	0.8
3150	0.8
4000	0.8
5000	0.8



Signed: _____

Test reference: 06395-6231

Date: 30 August 2023

University of Salford, School of Computing Science & Engineering

BS EN ISO 11654:1997
Acoustics - Sound absorbers for use in buildings

Client: **GIK Acoustics Europe**
 Unit F, Perseverance Mills, Giles Street, Wibsey,
 BD06 3HS

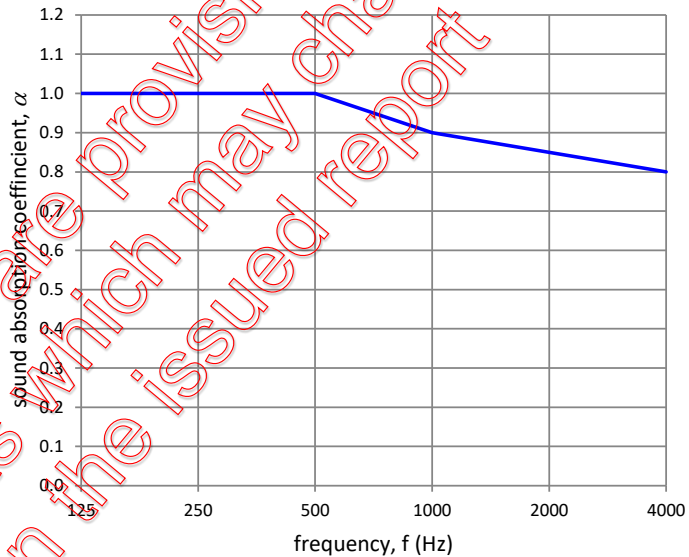
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Random Incidence Sound Absorption Coefficient

Frequency [Hz]	α_{pi}
125	1.00
250	1.00
500	1.00
1000	0.90
2000	0.85
4000	0.80



$\alpha_w = 0.90$ (L)
Classification: A

Signed: _____

If a shape indicator is given, it is strongly recommended to use this single-number rating in combination with the complete absorption coefficient curve that can be obtained on request.

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