

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

Description of Sample: Slatted Panel - Type A Mounting

Room Volume: 220 m³ Location: Acoustic Transmission Suite
Sample Size: 10.83 m² Test Room Large reverberation Room
Sample Thickness: 174.0 mm Condition: Clean

Sample Out

Temperature 20.0 °C
Relative Humidity 59.9 %
Static Pressure 100.4 kPa

Sample In

Temperature 19.9 °C
Relative Humidity 60.1 %
Static Pressure 100.5 kPa

Random Incidence Sound Absorption Coefficient

Frequency [Hz]	T_1 [s]	T_2 [s]	α_s
100	7.32	2.13	1.09
125	6.98	1.81	1.34
160	6.11	2.05	1.07
200	6.60	2.16	1.02
250	7.34	2.08	1.13
315	6.78	2.01	1.14
400	6.37	2.00	1.13
500	6.26	2.00	1.12
630	6.12	2.01	1.09
800	6.01	2.01	1.09
1000	5.62	2.01	1.05
1250	5.24	1.98	1.03
1600	4.93	1.94	1.02
2000	4.42	1.90	0.98
2500	3.80	1.79	0.97
3150	3.17	1.65	0.95
4000	2.50	1.48	0.90
5000	2.13	1.36	0.87

Test reference: 06395-6230

Date: 30 August 2023

University of Salford, School of Computing Science & Engineering

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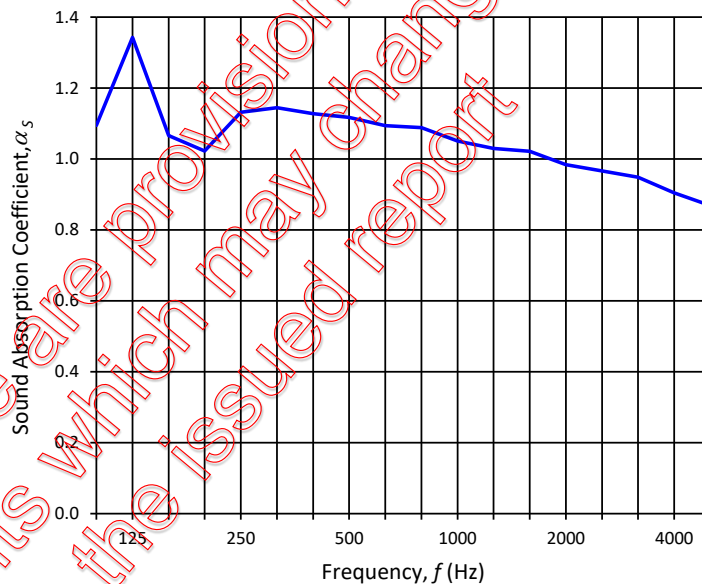
Temperature 20.0 °C
Relative Humidity 59.9 %
Static Pressure 100.4 kPa

Sample In

Temperature 19.9 °C
Relative Humidity 60.1 %
Static Pressure 100.5 kPa

Random Incidence Sound Absorption Coefficient

Frequency [Hz]	α_s
100	1.09
125	1.34
160	1.07
200	1.02
250	1.13
315	1.14
400	1.13
500	1.12
630	1.09
800	1.09
1000	1.05
1250	1.03
1600	1.02
2000	0.98
2500	0.97
3150	0.95
4000	0.90
5000	0.87



Signed: _____

Test reference: 06395-6230

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

Client: GIK Acoustics Europe
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BD06 3HS

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Sample Thickness: 174.0 mm Condition: Clean

Sample Out

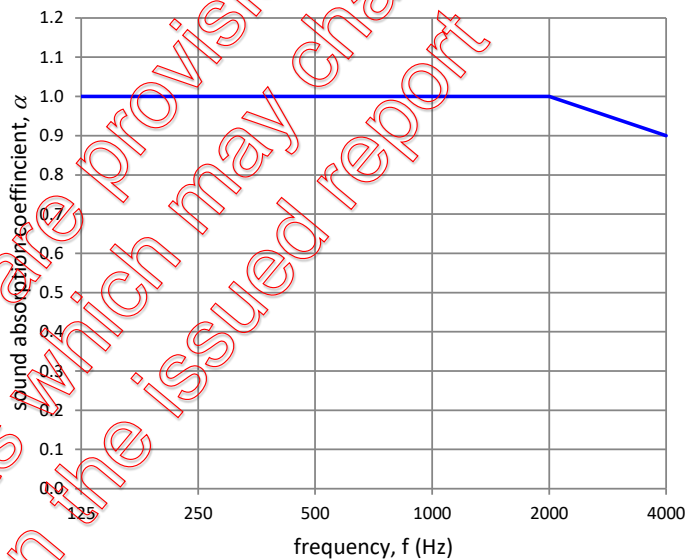
Temperature 20.0 °C
Relative Humidity 59.9 %
Static Pressure 100.4 kPa

Sample In

Temperature 19.9 °C
Relative Humidity 60.1 %
Static Pressure 100.5 kPa

Random Incidence Sound Absorption Coefficient

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



$$\alpha_w = 1.00$$

Classification: A

Signed: _____

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