[redacted]

TEST REPORT

SCOPE OF WORK
Fire Rated PET Acoustic Panel

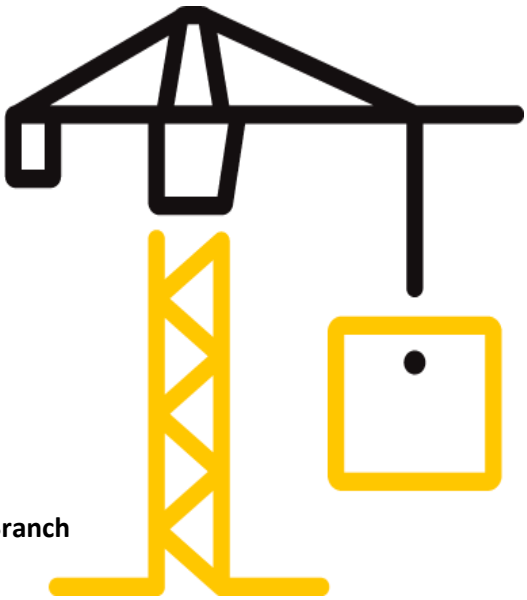
REPORT NUMBER
220609002SHF-001

TEST DATE(S)
2022-06-09 - 2022-06-21

ISSUE DATE
2022-06-21

PAGES
6

DOCUMENT CONTROL NUMBER
LFT-APAC-SHF-OP-10k(May 1, 2021)
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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

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Website: www.intertek.com

Test Report

Issue Date: 2022-06-21 Intertek Report No. 220609002SHF-001

Applicant: [redacted]

Address: [redacted]

Attn: Terry Zhao

[redacted]

Address: [redacted]

Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	Fire Rated PET Acoustic Panel	**Brand**	/
Sample Description	Good Condition	**Sample Amount**	5 pcs
		Received Date	2022-06-06

Sample ID	**Model**	**Specification**
S220609002SHF.001	/	Thickness: 24mm

Test Methods And Standards

Test Standard	ISO 354:2003
Specification Standard	ISO 11654:1997
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:
1.This report relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

Report Authorized

Name: Jodie Zhou
Title: Reviewer

Name: Susan Liu
Title: Project Engineer

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Total Quality. Assured.

Test Report

Issue Date: 2022-06-21 Intertek Report No. 220609002SHF-001

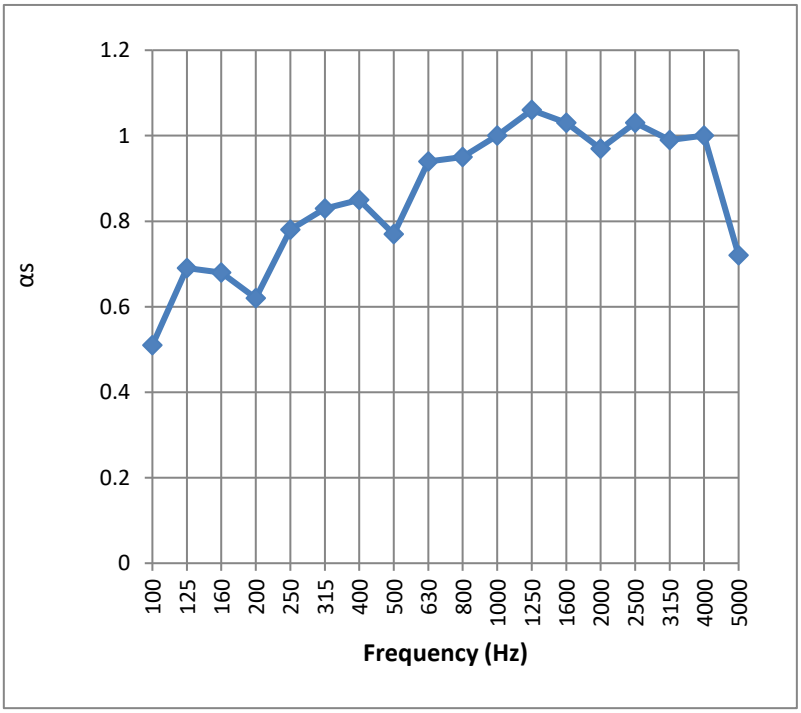
Test Items, Method and Results:

Test Method: ISO 354:2003 Sound Absorption Coefficients

Volume of the reverberation room	Vs, m^3	240	Installation Type:	E400
Room temperature	t1, ºC	23	t2, ºC	23
Relative humidity of test rooms	H1,%	80	H2,%	80

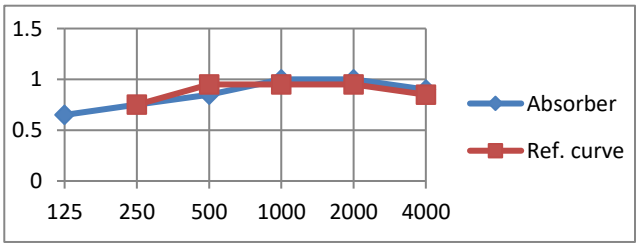
Sample size (width*length),mm	1220*2440	thickness, mm	24
Edge treatment	/	Mass, kg/m^2	3.66
Test Area, m^2	10.8		

Frequency (Hz)	αs
100	0.51
125	0.69
160	0.68
200	0.62
250	0.78
315	0.83
400	0.85
500	0.77
630	0.94
800	0.95
1000	1.00
1250	1.06
1600	1.03
2000	0.97
2500	1.03
3150	0.99
4000	1.00
5000	0.72



Rating according to ISO 11654: 1997
Weighted sound absorption coefficient, αw=0.95
Sound absorption class: Class A

F (Hz)	αp
250	0.75
500	0.85
1000	1.00
2000	1.00
4000	0.90



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Appendix A: Test Photos



Test Set Up

Test Report

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Appendix B: Sample Received Photo



Revision:

NO.	Date	Changes
220609002SHF-001	2022-06-21	First issue