

Zenfeel China Co., Ltd

TEST REPORT

SCOPE OF WORK

9mm polyester fiber acoustic panel

REPORT NUMBER

230223002SHF-009-R1

TEST DATE(S)

2023-02-23 - 2023-03-07

ISSUE DATE

2023-03-07

REVISED DATE

2023-03-21

PAGES

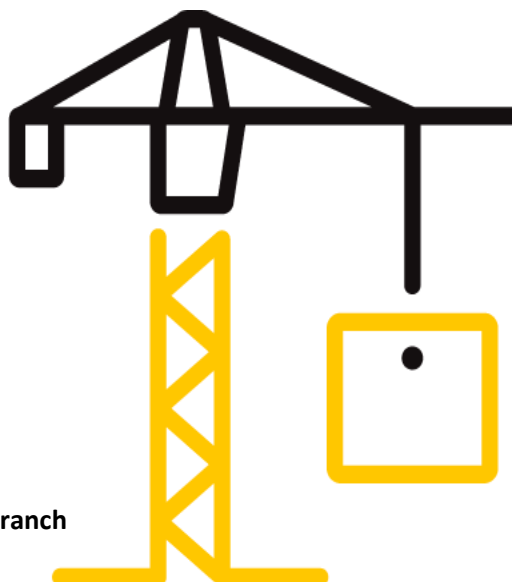
6

DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(September 1, 2022)

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

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Test Report

Issue Date: 2023-03-21 Intertek Report No. 230223002SHF-009-R1
Applicant: Zenfeel China Co., Ltd
Address: Shanghai, Fengxian district, 1 Haikun road, block 1
Attn: Pierrick
Manufacturer: Zenfeel China Co., Ltd
Address: Shanghai, Fengxian district, 1 Haikun road, block 1
Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	9mm polyester fiber acoustic panel	Brand	ZENFEEL
Sample Description	Good Condition	Sample Amount	1 package
		Received Date	2023-02-23
Sample ID	Model	Specification	
S230223002SHF.003	installed with 30mm air gap	2440*1220*9mm	

Test Methods And Standards

Test Standard	ASTM C423-17
Specification Standard	/
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1.This report does not involve sampling. The report only reflects conformity of the tested items of the samples provided by the testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

Report Authorized


Name: Jodie Zhou Jackie Zhou
Title: Reviewer Title: Project Engineer

Test Report

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Test Items, Method and Results:

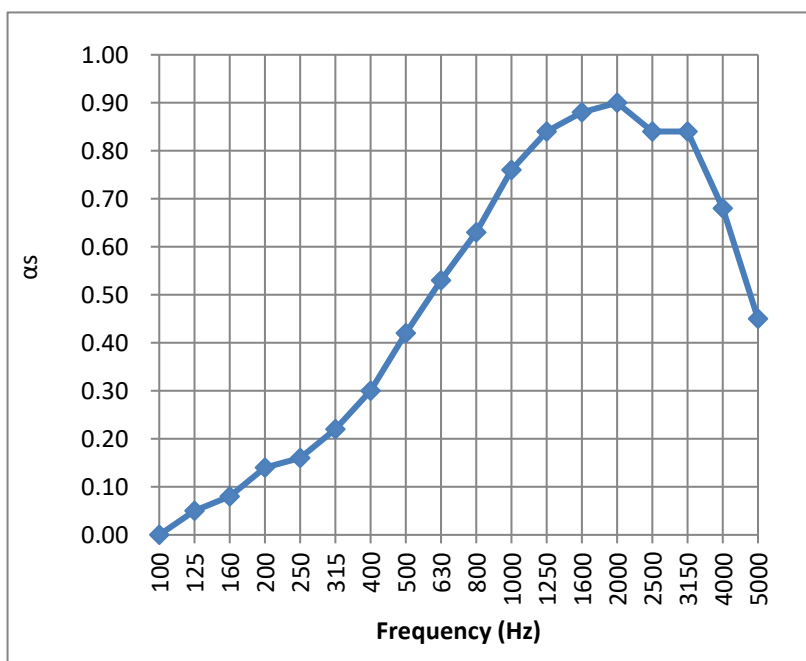
Test Method: ASTM C423-17 Sound Absorption Coefficients

Volume of the reverberation room	Vs, m ³	240	Installation Type:	Type D-30
Room temperature	t1, °C	16	t2, °C	16
Relative humidity of test rooms	H1,%	50	H2,%	50

Sample description:

Sample size (width*length),mm	1220*2440	Thickness, mm	9
Edge treatment	/	Mass, kg/m ²	1.80
Test Area, m ²	10.8		

Frequency (Hz)	α_s
100	0.00
125	0.05
160	0.08
200	0.14
250	0.16
315	0.22
400	0.30
500	0.42
630	0.53
800	0.63
1000	0.76
1250	0.84
1600	0.88
2000	0.90
2500	0.84
3150	0.84
4000	0.68
5000	0.45
NRC	0.55
SAA	0.55



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Appendix A: Test Photos



Test set up

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Appendix B: Sample Received Photo



Revision:

NO.	Date	Changes
230223002SHF-009	2023-03-07	First issue
230223002SHF-009-R1	2023-03-21	Revised the product name and model as per applicant's requirement

Note: Since the issue date of 230223002SHF-009-R1 report, the original report 230223002SHF-009 was cancelled at the same time.