

Lions Floor

TEST REPORT

SCOPE OF WORK

SPC FLOORING

REPORT NUMBER

260714002SHF-010

TEST DATE(S)

2026-07-14 - 2026-08-20

ORIGINAL ISSUE DATE

2026-08-20

PAGES

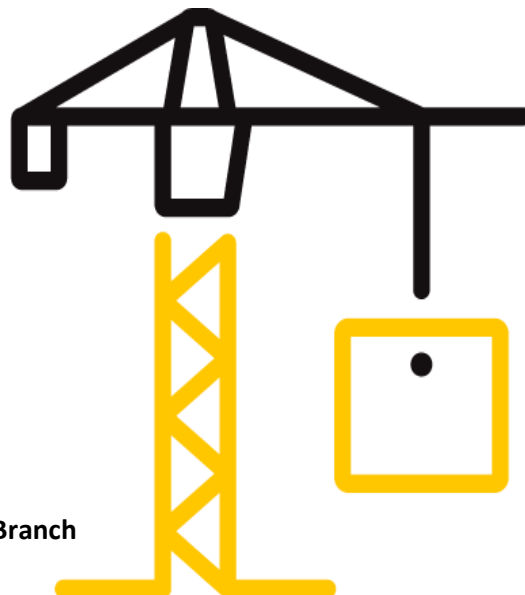
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DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(January 13, 2025)

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

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- 8.Intertek B&C will service this report for the entire test record retention period. The test record retention period ends 6 years after this report original issue date. The test record retention period for certification program is 10 years. Test records and other pertinent project documentation will be retained for the entire test record retention period.
- 9.The report was digital signed by Shang Hai, Intertek Group plc, please using Adobe Acrobat Reader to verify the authenticity.

Test Report

Original Issue Date: 2026-08-20

Intertek Report No. 260714002SHF-010

Applicant: Lions Floor

Address: 7300 somerset blvd,paramount, CA 90723

Attn: Jerry Guo

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

Product Information

Product Name	Model	Specification
SPC FLOORING	Lions Reservation Collection	182*1524*6.0mm(4.5mmSPC+1.5mmIXPE)
Sample ID	Sample Amount	Sample Received Date
S260714002SHF.033	50 pcs	2026-06-08
Sample Description		
182*1524*6.0mm (with 1.5mm IXPE underlayment)		

Test Methods And Standards

Test Standard	ASTM E90-23
Specification Standard	ASTM E413-22
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 applicant. Representativeness and authenticity of the submitted samples are responsibilities of the applicant.

Report Authorized


Name: Ozzy Cheng Name: Wilson Zhang
Title: Reviewer Title: Project Engineer

Test Report

Original Issue Date: 2026-08-20

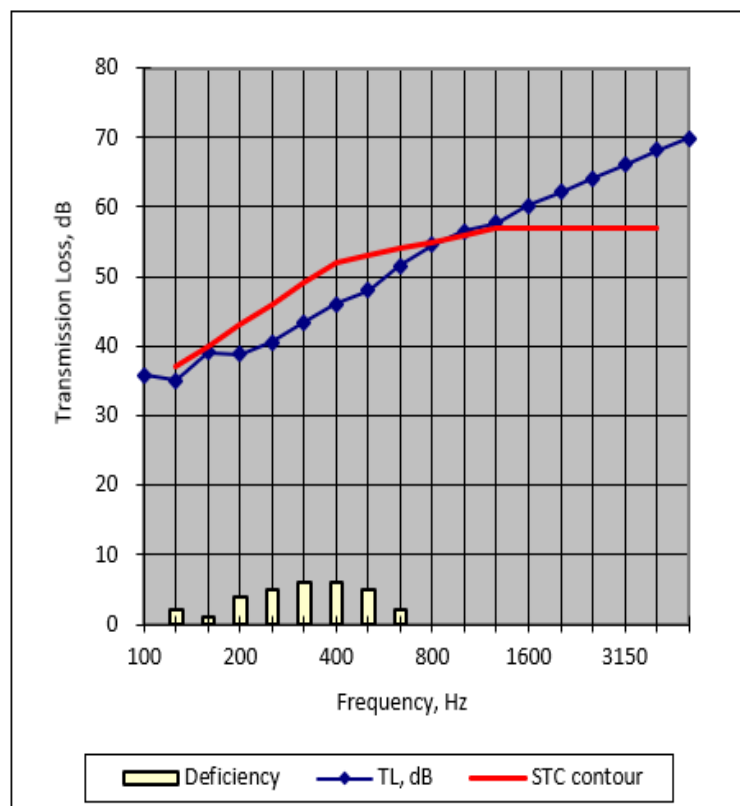
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Test Items, Method and Results:

Test Item: Laboratory Measurements of Airborne Sound Transmission Loss
Test method: ASTM E90-23
Temperature: 25 °C Relative Humidity: 60 %
Volume of Source Room: 77 m³ Volume of Receiving Room: 112 m³
Specimen area: 12.2 m²
Floor Assemblies: The system consisted of 150mm thick concrete floor and the 6mm SPC FLOORING (including 1.5mm IXPE underlayment) were placed on the concrete floor.

Mounting of the specimen: Floating installation with click joints

Frequency (Hz)	TL (dB)
100	35.8
125	35.0
160	39.1
200	38.8
250	40.6
315	43.5
400	46.0
500	48.0
630	51.5
800	54.5
1000	56.5
1250	57.7
1600	60.2
2000	62.2
2500	64.1
3150	66.1
4000	68.2
5000	69.9



Calculated Sound Transmission Class: STC 53

Note:

1. TL = Transmission loss
2. Classified STC in accordance with ASTM E413-22, Classification for Rating Sound Insulation. The methods of calculating single- number acoustical ratings for laboratory measurement of sound attenuation obtained in one-third octave bands.
3. The STC was for the whole floor assemblies.

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Appendix A: Test Photos



Test set up

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Appendix B: Sample Received Photo



SCAM FENGXIAN BR.

Revision:

NO.	Date	Changes
260714002SHF-010	2026-08-20	First issue