

Lions Floor

TEST REPORT

SCOPE OF WORK

Radius Mark

REPORT NUMBER

260813003SHF-001

TEST DATE(S)

2026-08-13 - 2026-08-14

ORIGINAL ISSUE DATE

2026-08-14

PAGES

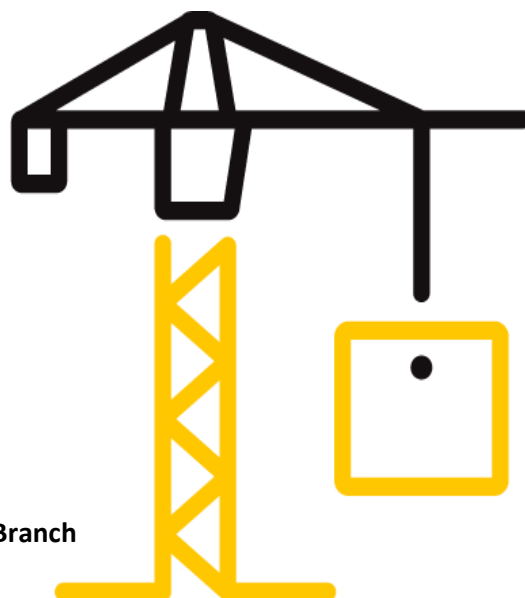
6

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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- 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: 2026-08-14

Intertek Report No. 260813003SHF-001

Applicant: Lions Floor

Address: 7300 somerset blvd, paramount, CA 90723 USA

Attn: Jerry Guo

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

Product Information

Product Name	Model	Specification
Radius Mark	LI-FL01	1524*228.6*5mm
Sample ID	Sample Amount	Sample Received Date
S260813003SHF.001	36 pcs	2026-08-10
Sample Description		Brand
1524*228.6*5mm		FormaLay

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: Jodie Zhou
Title: Reviewer

Name: Jun Yu
Title: Project Engineer

Test Report

Original Issue Date: 2026-08-14

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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: 80 %

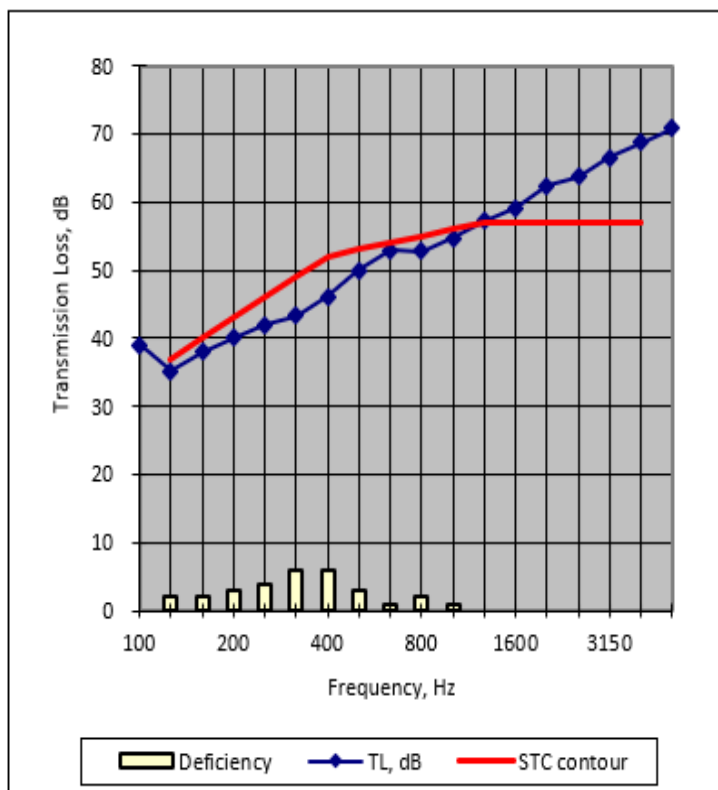
Volume of Source Room: 77 m³ Volume of Receiving Room: 112 m³

Specimen area: 12.5 m²

Floor Assemblies: The system consisted of 150mm thick concrete floor and the 5mm Radius Mark were placed on the concrete floor.

Mounting of the specimen: Laying on the floor

Frequency (Hz)	TL (dB)
100	39.1
125	35.1
160	38.0
200	40.0
250	41.9
315	43.3
400	46.1
500	49.9
630	53.0
800	52.7
1000	54.7
1250	57.2
1600	59.1
2000	62.3
2500	63.7
3150	66.5
4000	68.7
5000	70.8



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

Test Report

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Appendix B: Sample Received Photo



SCAM FENGXIAN BR.

Revision:

NO.	Date	Changes
260813003SHF-001	2026-08-14	First issue