

Lions Floor

TEST REPORT

SCOPE OF WORK

WPC floors

REPORT NUMBER

240726001SHF-005

TEST DATE(S)

2024-07-26 - 2024-08-05

ORIGINAL ISSUE DATE

2024-08-05

PAGES

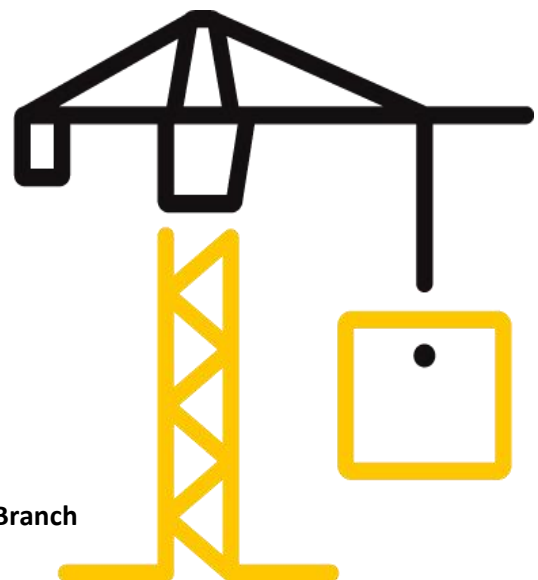
6

DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(February 1, 2024)

© 2024 INTERTEK

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

Statement

- 1.This report is invalid without company's special seal for testing on the assigned page.
- 2.This report is invalid without an authorized person's signature.
- 3.This report is invalid if altered.
- 4.Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Don't copy this report in partial without any official approval in written by our company. This report is invalid without re-stamping the special seal for testing in copying report.
- 5.This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.
- 6.Except for the obligation, responsibility and liability (if any) for the appropriateness and professionalism of afore-mentioned testing itself within the scope and amount of the testing fee received, Intertek does not and will not accept any other obligation or liability.
- 7.If the Client has any questions about the test results, Intertek B&C should be informed within the storage period of the samples. The sample storage period ends 5 working days after the official report issue date. Samples of certification program are retained for the period required by the certification rules. The samples storage period shall be calculated according to the issue date of the original report in the case of quoting results and modifying reports.
- 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: 2024-08-05

Intertek Report No. 240726001SHF-005

Applicant: Lions Floor

Address: 7300 somerset blvd, paramount, CA 90723

Attn: Jerry Guo

Manufacturer:

Address:

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

Product Information

Product Name	Model	Specification
WPC floors	Seaside Summit	2100*239*8+2mm
Sample ID	Sample Amount	Sample Received Date
S240726001SHF.034	48 pieces	2024-05-31
Sample Description		
2100*239*8+2mm		

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 testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

Report Authorized


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

Test Report

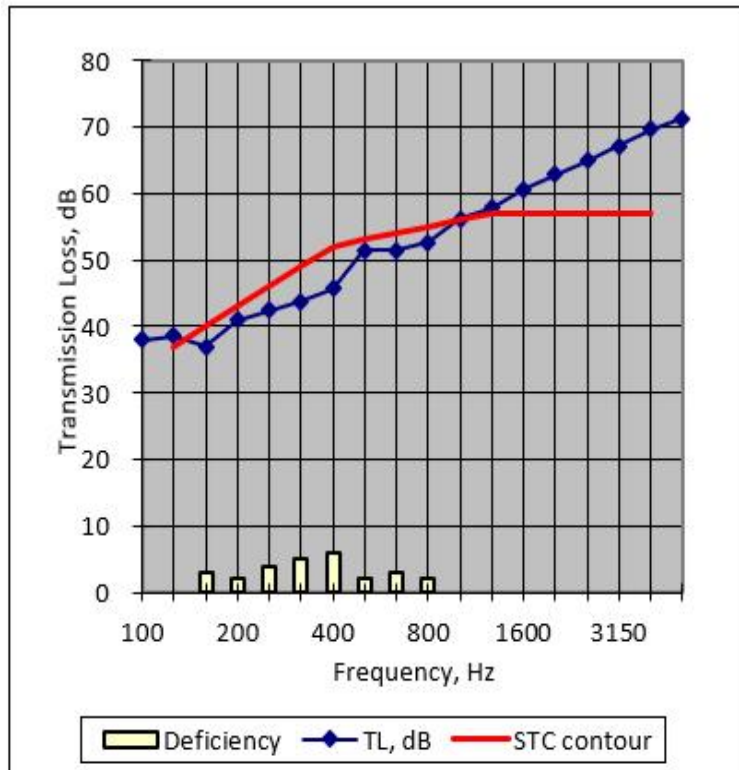
Original Issue Date: 2024-08-05

Intertek Report No. 240726001SHF-005

Test Items, Method and Results:

Test Item: Laboratory Measurements of Airborne Sound Transmission Loss
 Test method: ASTM E90-23
 Temperature: 30 °C Relative Humidity: 80 %
 Volume of Source Room: 77 m³ Volume of Receiving Room: 112 m³
 Specimen area: 14.5 m²
 Floor Assemblies: The system consisted of 150mm thick concrete floor and the 10mm WPC floors(including 2mm EVA underlayment) were placed on the concrete floor.
 Mounting of the specimen: Floating installation with click joints

Frequency (Hz)	TL (dB)
100	38.0
125	38.6
160	37.0
200	41.0
250	42.5
315	43.7
400	45.6
500	51.5
630	51.4
800	52.6
1000	56.2
1250	57.8
1600	60.6
2000	62.9
2500	64.9
3150	67.2
4000	69.6
5000	71.3



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.

Test Report

Original Issue Date: 2024-08-05

Intertek Report No. 240726001SHF-005

Appendix A: Test Photos



Test set up



Test Report

Original Issue Date: 2024-08-05

Intertek Report No. 240726001SHF-005

Appendix B: Sample Received Photo



Revision:

NO.	Date	Changes
240726001SHF-005	2024-08-05	First issue