

# Lions Floor

## TEST REPORT

**SCOPE OF WORK**

SPC floors

**REPORT NUMBER**

240725011SHF-007

**TEST DATE(S)**

2024-07-25 - 2024-08-05

**ORIGINAL ISSUE DATE**

2024-08-05

**PAGES**

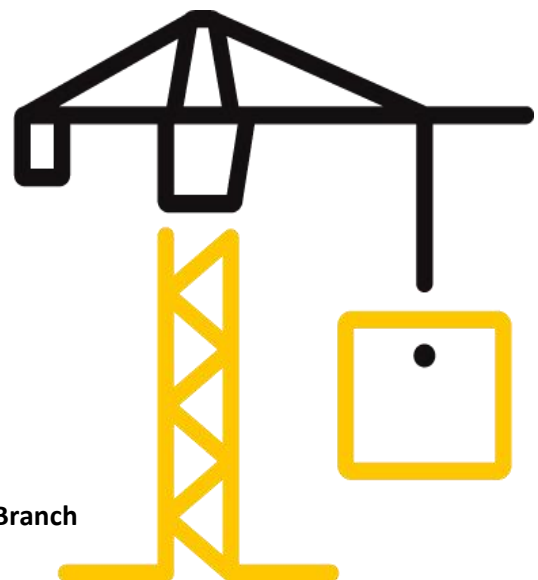
6

**DOCUMENT CONTROL NUMBER**

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

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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: 2024-08-05

Intertek Report No. 240725011SHF-007

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
SPC floors	Grande	1213*181*4.5mm+1.5mm
Sample ID	Sample Amount	Sample Received Date
S240725011SHF.034	110 pieces	2024-05-21
Sample Description		
1213*181*4.5mm+1.5mm		


### Test Methods And Standards

<b>Test Standard</b>	ASTM E492-22
<b>Specification Standard</b>	ASTM E989-21
<b>Test Conclusion</b>	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

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

## Test Report

Original Issue Date: 2024-08-05

Intertek Report No. 240725011SHF-007

### Test Items, Method and Results:

Test Item: Laboratory Measurement of Impact Sound Transmission

Test method: ASTM E492-22

Temperature: 30 °C Relative Humidity: 80 %

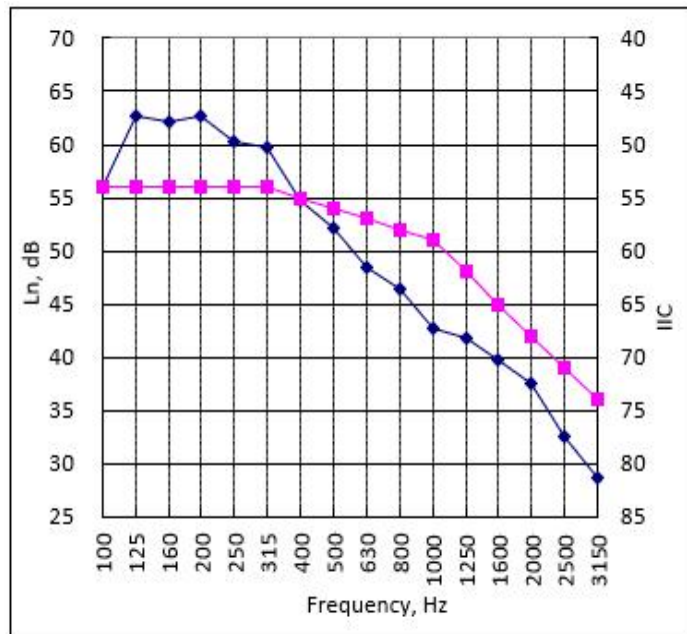
Volume of Source Room: 77 m<sup>3</sup> Volume of Receiving Room: 112 m<sup>3</sup>

Specimen area: 12.5 m<sup>2</sup>

Floor Assemblies: The system consisted of 150mm thick concrete floor and the 6mm SPC floors(including 1.5mm EVA underlayment) were placed on the concrete floor.

Mounting of the specimen: Laying on the floor

Frequency (Hz)	Ln (dB)
100	56
125	63
160	62
200	63
250	60
315	60
400	55
500	52
630	48
800	46
1000	43
1250	42
1600	40
2000	38
2500	33
3150	29



**Calculated Impact Insulation Class: IIC 56**

Note:

1. Ln = Normalized Impact Sound Pressure Level
2. Classified IIC in accordance with ASTM E989-21, Standard Classification for Determination of Impact Insulation Class. This classification was used with one-third octave bands.
3. The IIC 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



### Revision:

NO.	Date	Changes
240725011SHF-007	2024-08-05	First issue