

# Lions Floor

## TEST REPORT

**SCOPE OF WORK**

WPC floors

**REPORT NUMBER**

240726001SHF-004

**TEST DATE(S)**

2024-07-26 - 2024-08-05

**ORIGINAL ISSUE DATE**

2024-08-05

**PAGES**

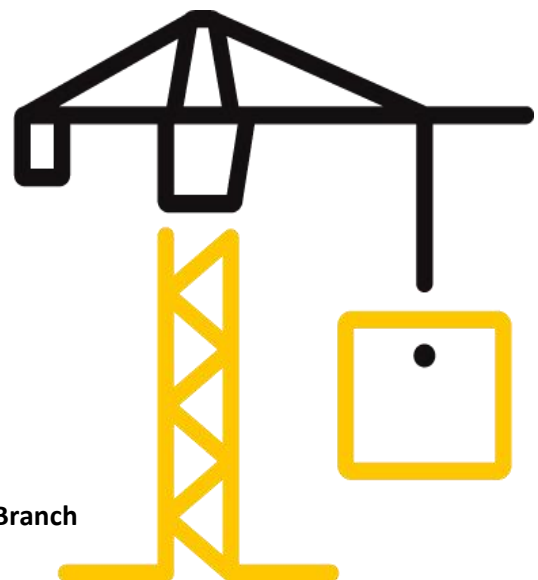
6

**DOCUMENT CONTROL NUMBER**

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

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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. 240726001SHF-004

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	Canyon Coast	1830*224.8*8+2mm
Sample ID	Sample Amount	Sample Received Date
S240726001SHF.017	56 pieces	2024-05-31
Sample Description		
1830*224.8*8+2mm		


### 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

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

## Test Report

Original Issue Date: 2024-08-05

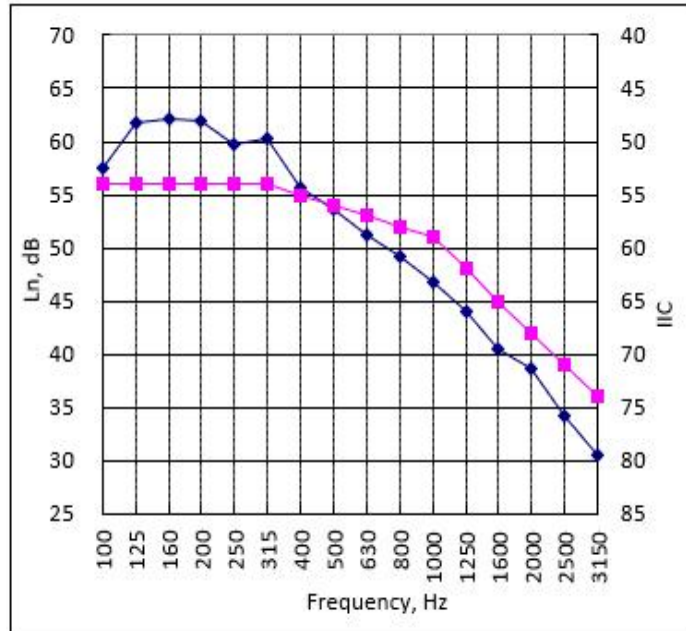
Intertek Report No. 240726001SHF-004

### 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: 12.4 m<sup>2</sup>  
 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: Laying on the floor

Frequency (Hz)	Ln (dB)
100	57
125	62
160	62
200	62
250	60
315	60
400	56
500	54
630	51
800	49
1000	47
1250	44
1600	41
2000	39
2500	34
3150	30



**Calculated Impact Insulation Class: IIC 56**

Note:

- Ln = Normalized Impact Sound Pressure Level
- 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.
- The IIC was for the whole floor assemblies.

## Test Report

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Intertek Report No. 240726001SHF-004

### Appendix A: Test Photos



Test set up



# Test Report

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## Appendix B: Sample Received Photo



### Revision:

NO.	Date	Changes
240726001SHF-004	2024-08-05	First issue