

FLOORCO TRADING LTD.

TEST REPORT

SCOPE OF WORK

FLOORCO Venner SPC flooring

REPORT NUMBER

230907003SHF-004

TEST DATE(S)

2023-09-07 - 2023-10-08

ISSUE DATE

2023-10-17

PAGES

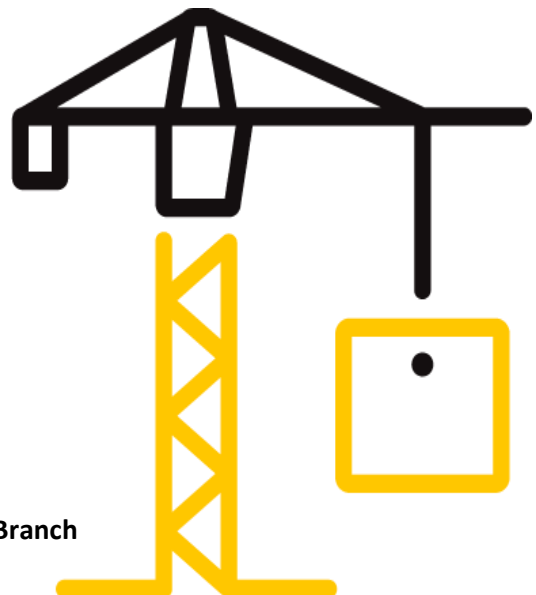
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DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(September 1, 2022)

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

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Test Report

Issue Date: 2023-10-17 Intertek Report No. 230907003SHF-004
Applicant: FLOORCO TRADING LTD.
Address: 118 CARBINE ROAD, MT WELLINGTON
Attn: Terry SHI
Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	FLOORCO Venner SPC flooring	Brand	/
Sample Description	Good Condition	Sample Amount	116pcs
		Received Date	2023-08-28
Sample ID	Model	Specification	
S230907003SHF.032	WOODFACE	190*6/1*1900+2mm 10X IXPE	

Test Methods And Standards

Test Standard	ASTM E90-09(R2016)
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


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

Test Report

Issue Date: 2023-10-17

Intertek Report No. 230907003SHF-004

Test Items, Method and Results:

Test Item: Laboratory Measurements of Airborne Sound Transmission Loss

Test method: ASTM E90-09(R2016)

Temperature: 28 °C Relative Humidity: 80 %

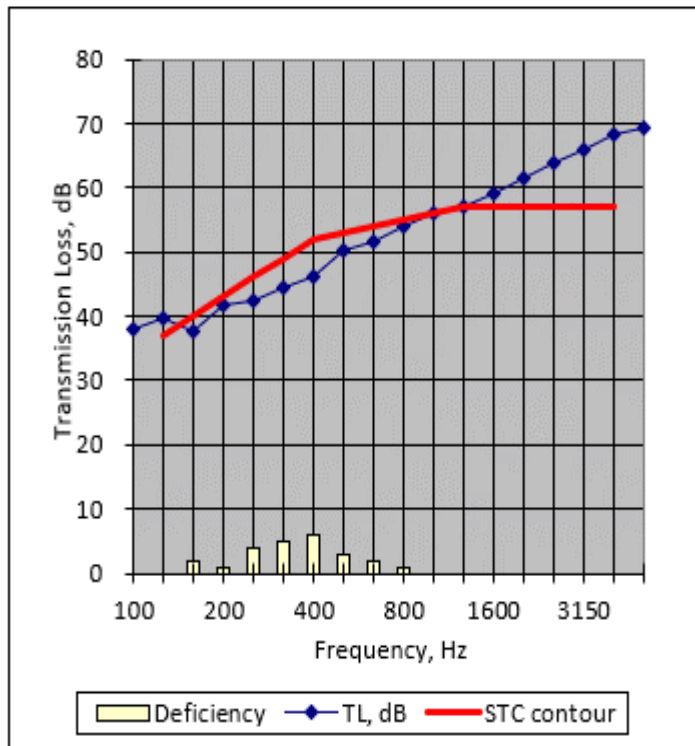
Volume of Source Room: 77 m³ Volume of Receiving Room: 112 m³

Specimen area: 13.0 m²

Floor Assemblies: The system consisted of 150mm thick concrete floor and the 8mm VSPC (including 2mm IXPE underlayment) were placed on the concrete floor.

Mounting of the specimen: Floating installation with click joints

Frequency (Hz)	TL (dB)
100	38.1
125	39.8
160	37.7
200	41.7
250	42.5
315	44.3
400	46.1
500	50.4
630	51.6
800	54.0
1000	55.9
1250	57.2
1600	59.2
2000	61.6
2500	63.9
3150	65.9
4000	68.4
5000	69.2



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



Revision:

NO.	Date	Changes
230907003SHF-004	2023-10-17	First issue