

FLOORCO TRADING LTD.

TEST REPORT

SCOPE OF WORK

LAMINATE FLOORING

REPORT NUMBER

230808001SHF-002

TEST DATE(S)

2023-08-08 - 2023-08-15

ISSUE DATE

2023-09-04

PAGES

6

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: 2023-09-04 Intertek Report No. 230808001SHF-002
Applicant: FLOORCO TRADING LTD.
Address: 118 CARBINE ROAD , MT WELLINGTON
Attn: TERRY
Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	LAMINATE FLOORING	Brand	/
Sample Description	Good Condition	Sample Amount	132 pcs
		Received Date	2023-08-04
Sample ID	Model	Specification	
S230808001SHF.022	FLOORCO LAMINATE FLOORING	/	

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 Jackie Zhou
Name: Ozzy Cheng Name: Jackie Zhou
Title: Reviewer Title: Project Engineer

Test Report

Issue Date: 2023-09-04

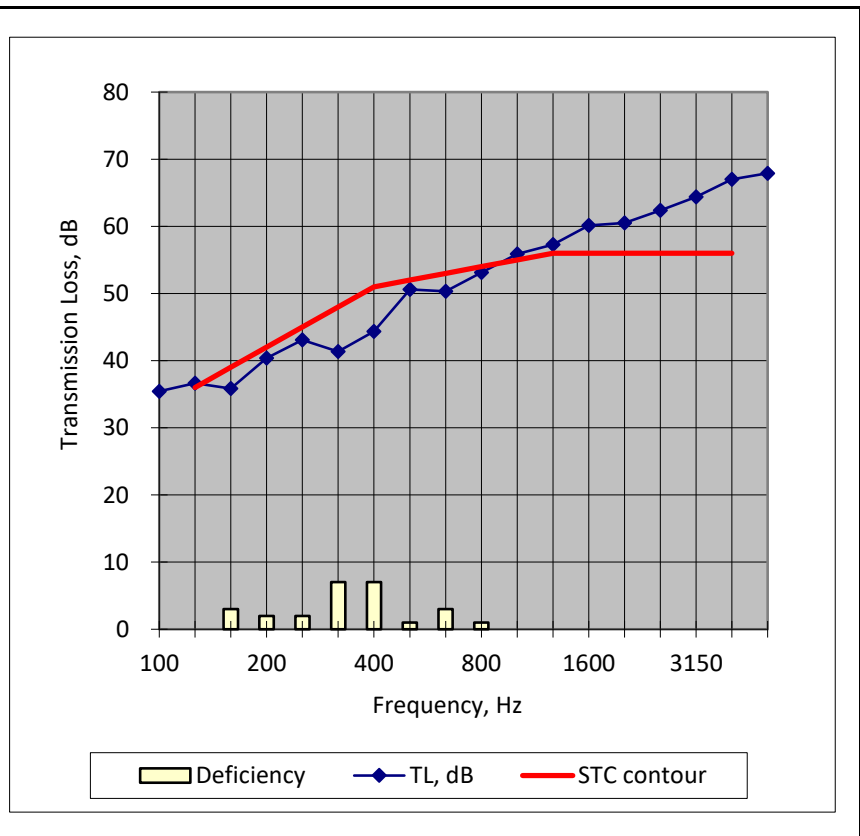
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Test Items, Method and Results:

Test Item: Laboratory Measurements of Airborne Sound Transmission Loss
 Test method: ASTM E90-09(R2016)
 Temperature: 30 °C Relative Humidity: 80 %
 Volume of Source Room: 77 m³ Volume of Receiving Room: 112 m³
 Specimen area: 12.2 m²
 Floor Assemblies: The system consisted of 150mm thick concrete floor and the 12mm Laminate floor were placed on the concrete floor.

Mounting of the specimen: Floating installation with click joints

Frequency (Hz)	TL (dB)
100	35.4
125	36.6
160	35.8
200	40.4
250	43.1
315	41.3
400	44.3
500	50.6
630	50.3
800	53.1
1000	55.9
1250	57.3
1600	60.2
2000	60.5
2500	62.4
3150	64.4
4000	67.0
5000	67.9



Calculated Sound Transmission Class: STC 52

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
230808001SHF-002	2023-09-04	First issue