

FLOORCO TRADING LTD.

TEST REPORT

SCOPE OF WORK

ANTICO & DUKE Engineered wood flooring

REPORT NUMBER

230822002SHF-004

TEST DATE(S)

2023-08-22 - 2023-10-08

ISSUE DATE

2023-10-16

PAGES

6

DOCUMENT CONTROL NUMBER

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

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Test Report

Issue Date: 2023-10-16 Intertek Report No. 230822002SHF-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	ANTICO & DUKE Engineered wood flooring	Brand	/
Sample Description	Good Condition	Sample Amount	68 pcs
		Received Date	2023-08-07
Sample ID	Model	Specification	
S230822002SHF.024	ANTICO & DUKE	2200mm×220mm×15mm	

Test Methods And Standards

Test Standard	ASTM E90-09(R2016)
Specification Standard	/
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

Name: Ozzy Cheng

Title: Reviewer



Jackie Zhou

Name: Jackie Zhou

Title: Project Engineer

Test Report

Issue Date: 2023-10-16

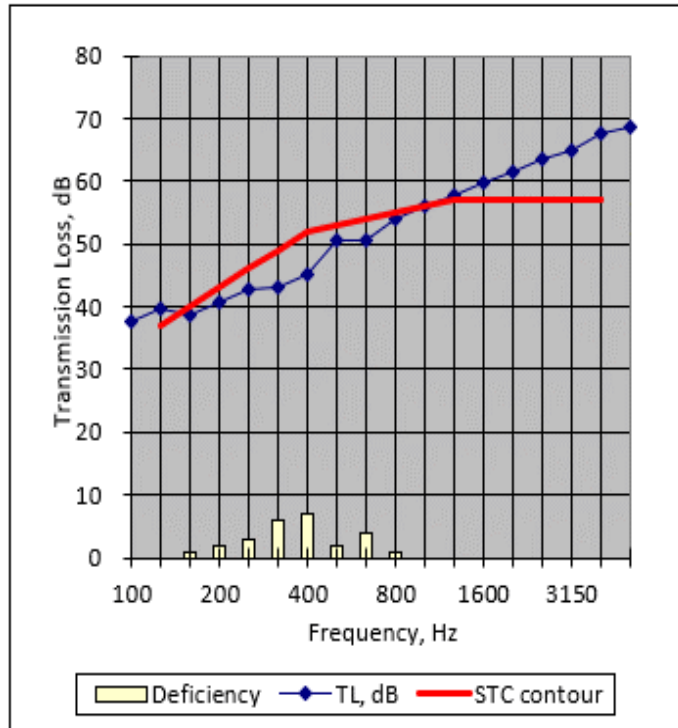
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Test Items, Method and Results:

Test Item: Laboratory Measurements of Airborne Sound Transmission Loss
 Test method: ASTM E90-09(R2016)
 Temperature: 30 °C Relative Humidity: 70 %
 Volume of Source Room: 77 m³ Volume of Receiving Room: 112 m³
 Specimen area: 13.5 m²
 Floor Assemblies: The system consisted of 150mm thick concrete floor and the 15mm Engineered Wood Flooring were placed on the concrete floor.

Mounting of the specimen: Floating installation with click joints

Frequency (Hz)	TL (dB)
100	37.8
125	39.6
160	38.6
200	40.7
250	42.8
315	43.1
400	45.2
500	50.5
630	50.4
800	54.1
1000	56.0
1250	57.7
1600	59.6
2000	61.3
2500	63.5
3150	64.9
4000	67.6
5000	68.5



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



Test Report

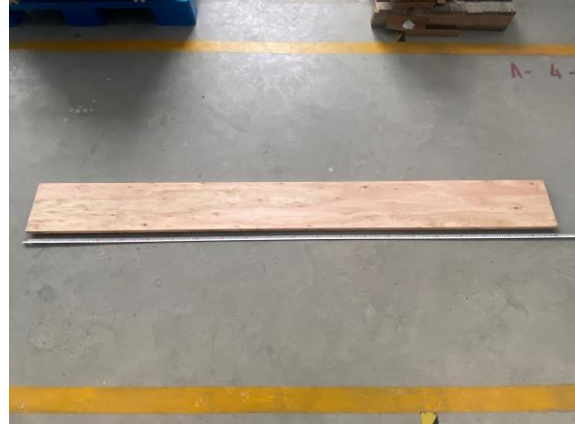
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Appendix B: Sample Received Photo



Front view(Test surface)



Back view



Revision:

NO.	Date	Changes
230822002SHF-004	2023-10-16	First issue