

CPF FLOORS LLC

TEST REPORT

SCOPE OF WORK

SPC FLOOR

REPORT NUMBER

230221007SHF-002

TEST DATE(S)

2023-02-21 - 2023-03-02

ISSUE DATE

2023-04-03

PAGES

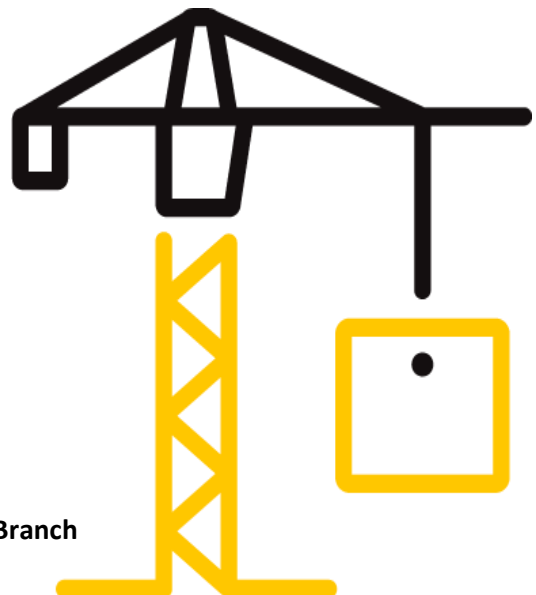
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DOCUMENT CONTROL NUMBER

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

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Test Report

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Test Report

Issue Date: 2023-04-03 Intertek Report No. 230221007SHF-002
Applicant: CPF FLOORS LLC
Address: 6700 NW 77th Court Suite 140 Miami FL 33166
Attn: Marcelo Gavotti
Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	SPC FLOOR	Brand	COREPROOF
Sample Description	Good Condition	Sample Amount	56 pcs
		Received Date	2023-02-21
Sample ID	Model	Specification	
S230221007SHF.001	DECO 54	4.5+1.5mm IXPE	

Test Methods And Standards

Test Standard	ASTM E492-22
Specification Standard	ASTM E989-21
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


Jodie Zhou *Jackie Zhou*
Name: Jodie Zhou Name: Jackie Zhou
Title: Reviewer Title: Project Engineer

Test Report

Issue Date: 2023-04-03

Intertek Report No. 230221007SHF-002

Test Items, Method and Results:

Test Item: Laboratory Measurement of Impact Sound Transmission

Test method: ASTM E492-22

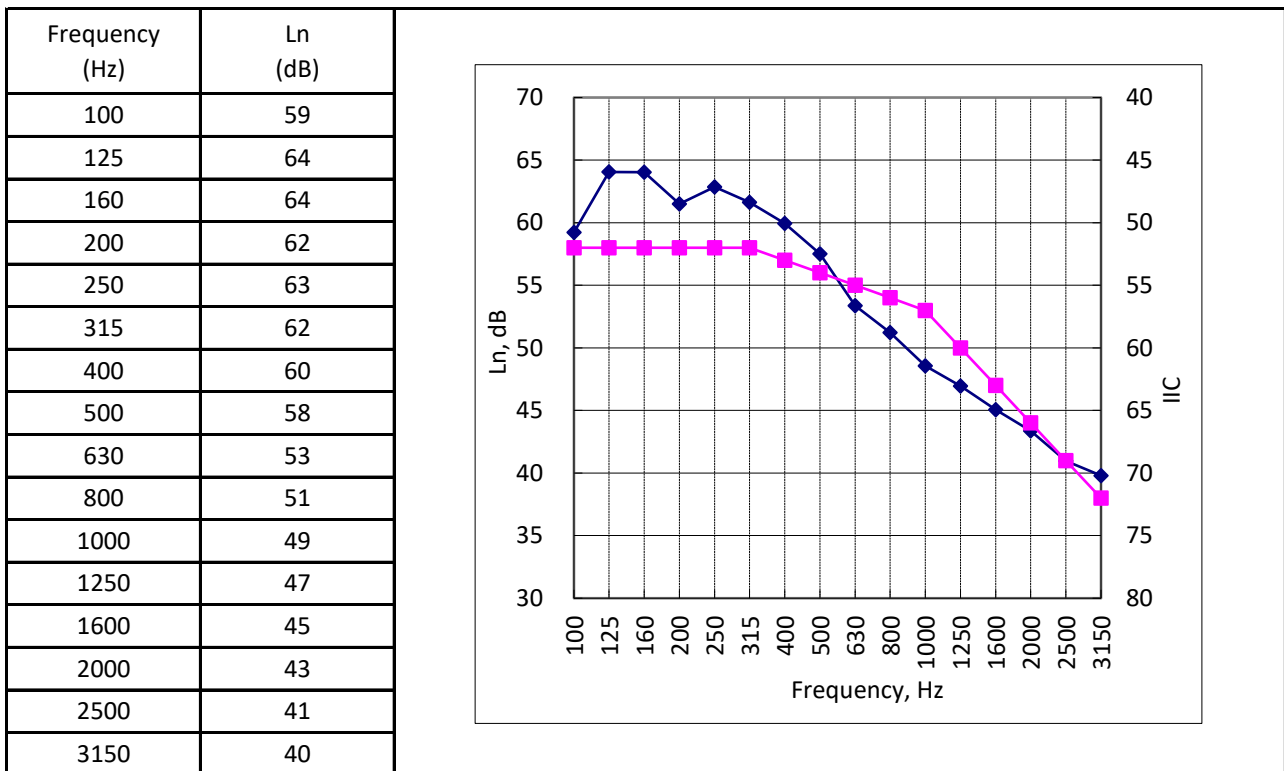
Temperature: 12 °C Relative Humidity: 50 %

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

Specimen area: 13.9 m²

Floor Assemblies: The system consisted of 150mm thick concrete floor without drop ceiling and the 6mm SPC FLOOR (including 1.5mm IXPE underlayment) were placed on the concrete floor.

Mounting of the specimen: Floating installation with click joints



Calculated Impact Insulation Class: IIC 54

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.

Test Report

Issue Date: 2023-04-03

Intertek Report No. 230221007SHF-002

Appendix A: Test Photos



Test set up



Test Report

Issue Date: 2023-04-03

Intertek Report No. 230221007SHF-002

Appendix B: Sample Received Photo



Revision:

NO.	Date	Changes
230221007SHF-002	2023-04-03	First issue

CPF FLOORS LLC

TEST REPORT

SCOPE OF WORK

SPC FLOOR

REPORT NUMBER

230221007SHF-001

TEST DATE(S)

2023-02-21 - 2023-03-02

ISSUE DATE

2023-04-03

PAGES

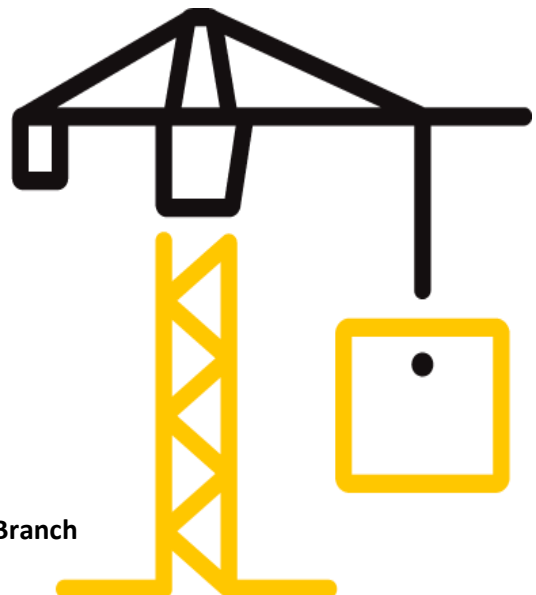
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Test Report

Issue Date: 2023-04-03 Intertek Report No. 230221007SHF-001
 Applicant: CPF FLOORS LLC
 Address: 6700 NW 77th Court Suite 140 Miami FL 33166
 Attn: Marcelo Gavotti
 Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	SPC FLOOR	Brand	COREPROOF
Sample Description	Good Condition	Sample Amount	56 pcs
		Received Date	2023-02-21
Sample ID	Model	Specification	
S230221007SHF.001	DECO 54	4.5+1.5mm 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

Jodie Zhou  *Jackie Zhou*
 Name: Jodie Zhou Name: Jackie Zhou
 Title: Reviewer Title: Project Engineer

Test Report

Issue Date: 2023-04-03

Intertek Report No. 230221007SHF-001

Test Items, Method and Results:

Test Item: Laboratory Measurements of Airborne Sound Transmission Loss

Test method: ASTM E90-09(R2016)

Temperature: 12 °C Relative Humidity: 50 %

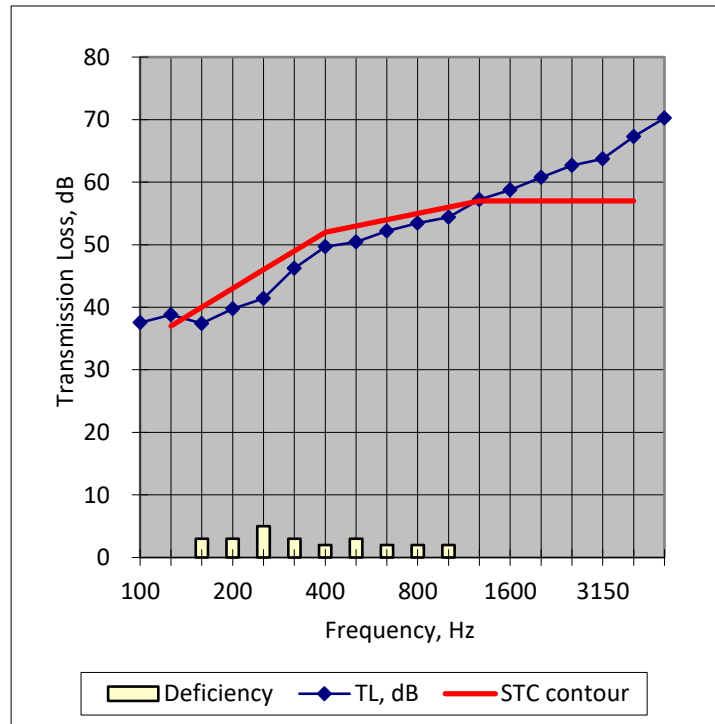
Volume of Source Room: 77 m³ Volume of Receiving Room: 112 m³

Specimen area: 13.9 m²

Floor Assemblies: The system consisted of 150mm thick concrete floor without drop ceiling and the 6mm SPC FLOOR (including 1.5mm IXPE underlayment) were placed on the concrete floor.

Mounting of the specimen: Floating installation with click joints

Frequency (Hz)	TL (dB)
100	37.5
125	38.8
160	37.4
200	39.7
250	41.4
315	46.2
400	49.7
500	50.4
630	52.2
800	53.4
1000	54.4
1250	57.2
1600	58.8
2000	60.8
2500	62.7
3150	63.7
4000	67.3
5000	70.2



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.

Test Report

Issue Date: 2023-04-03

Intertek Report No. 230221007SHF-001

Appendix A: Test Photos



Test set up



Test Report

Issue Date: 2023-04-03

Intertek Report No. 230221007SHF-001

Appendix B: Sample Received Photo



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230221007SHF-001	2023-04-03	First issue