

CPF FLOORS LLC

TEST REPORT

SCOPE OF WORK

SPC FLOOR

REPORT NUMBER

230221007SHF-009

TEST DATE(S)

2023-03-17 - 2023-04-03

ISSUE DATE

2023-04-03

PAGES

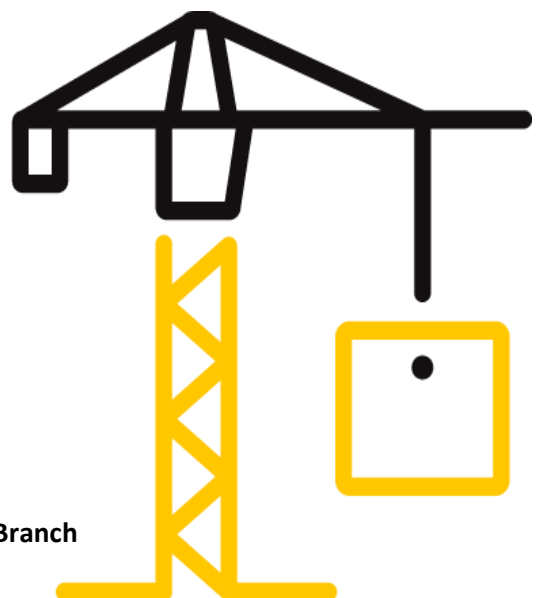
6

DOCUMENT CONTROL NUMBER

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

© 2022 INTERTEK

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

Statement

- 1.This report is invalid without company's special seal for testing on the assigned page.
- 2.This report is invalid without an authorized person's signature.
- 3.This report is invalid if altered.
- 4.Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Don't copy this report in partial without any official approval in written by our company. This report is invalid without re-stamping the special seal for testing in copying report.
- 5.This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.
- 6.Except for the obligation, responsibility and liability (if any) for the appropriateness and professionalism of afore-mentioned testing itself within the scope and amount of the testing fee received, Intertek does not and will not accept any other obligation or liability.
- 7.If the Client has any questions about the test results, Intertek B&C should be informed within the storage period of the samples. The sample storage period ends 5 working days after the official report issue date. Samples of certification program are retained for the period required by the certification rules. The samples storage period shall be calculated according to the issue date of the original report in the case of quoting results and modifying reports.
- 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

Issue Date: 2023-04-03 Intertek Report No. 230221007SHF-009
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	60 pcs
		Received Date	2023-03-17
Sample ID	Model	Specification	
S230221007SHF.004	PROJECT	4.2+1.0mm 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-009

Test Items, Method and Results:

Test Item: Laboratory Measurement of Impact Sound Transmission

Test method: ASTM E492-22

Temperature: 16 °C Relative Humidity: 80 %

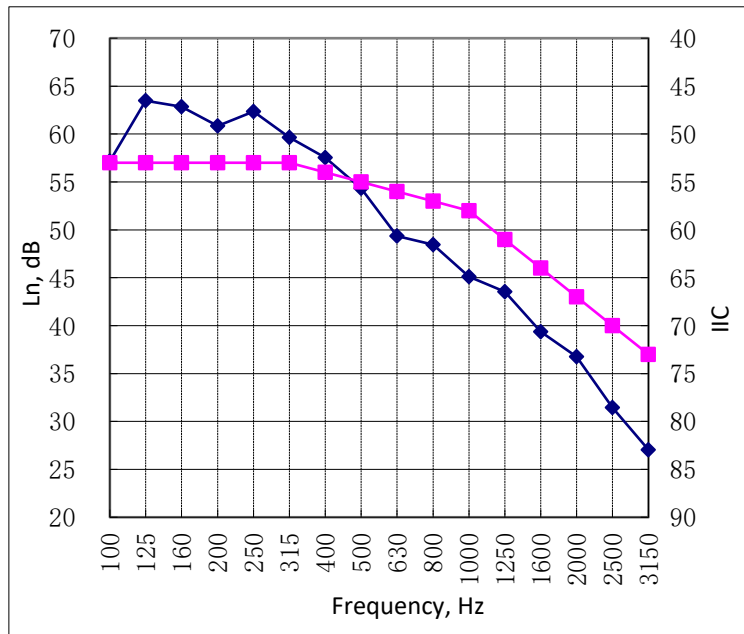
Volume of Source Room: 77 m³ Volume of Receiving Room: 112 m³

Specimen area: 12.6 m²

Floor Assemblies: The system consisted of 150mm thick concrete floor without drop ceiling and the 5.2mm SPC FLOOR (including 1.0mm IXPE underlayment) were placed on the concrete floor.

Mounting of the specimen: Floating installation with click joints

Frequency (Hz)	Ln (dB)
100	57
125	63
160	63
200	61
250	62
315	60
400	58
500	54
630	49
800	48
1000	45
1250	44
1600	39
2000	37
2500	31
3150	27



Calculated Impact Insulation Class: IIC 55

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-009

Appendix A: Test Photos



Test set up



Test Report

Issue Date: 2023-04-03

Intertek Report No. 230221007SHF-009

Appendix B: Sample Received Photo



Revision:

NO.	Date	Changes
230221007SHF-009	2023-04-03	First issue

CPF FLOORS LLC

TEST REPORT

SCOPE OF WORK

SPC FLOOR

REPORT NUMBER

230221007SHF-008

TEST DATE(S)

2023-03-17 - 2023-04-03

ISSUE DATE

2023-04-03

PAGES

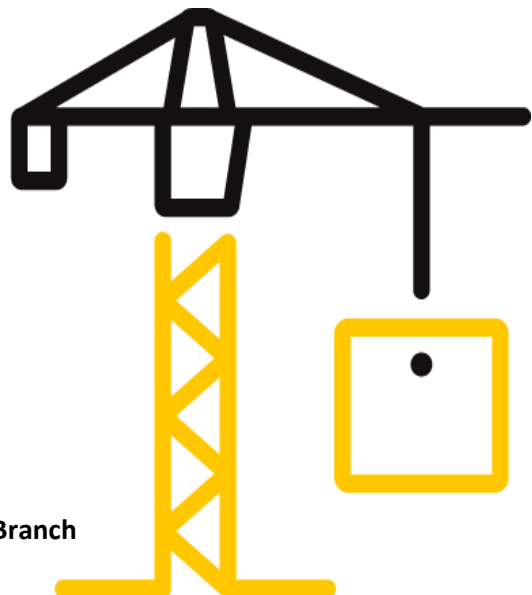
6

DOCUMENT CONTROL NUMBER

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

© 2022 INTERTEK

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

Statement

- 1.This report is invalid without company's special seal for testing on the assigned page.
- 2.This report is invalid without an authorized person's signature.
- 3.This report is invalid if altered.
- 4.Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Don't copy this report in partial without any official approval in written by our company. This report is invalid without re-stamping the special seal for testing in copying report.
- 5.This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.
- 6.Except for the obligation, responsibility and liability (if any) for the appropriateness and professionalism of afore-mentioned testing itself within the scope and amount of the testing fee received, Intertek does not and will not accept any other obligation or liability.
- 7.If the Client has any questions about the test results, Intertek B&C should be informed within the storage period of the samples. The sample storage period ends 5 working days after the official report issue date. Samples of certification program are retained for the period required by the certification rules. The samples storage period shall be calculated according to the issue date of the original report in the case of quoting results and modifying reports.
- 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

Issue Date: 2023-04-03 Intertek Report No. 230221007SHF-008
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	60 pcs
		Received Date	2023-03-17
Sample ID	Model	Specification	
S230221007SHF.004	PROJECT	4.2+1.0mm 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-008

Test Items, Method and Results:

Test Item: Laboratory Measurements of Airborne Sound Transmission Loss

Test method: ASTM E90-09(R2016)

Temperature: 16 °C Relative Humidity: 80 %

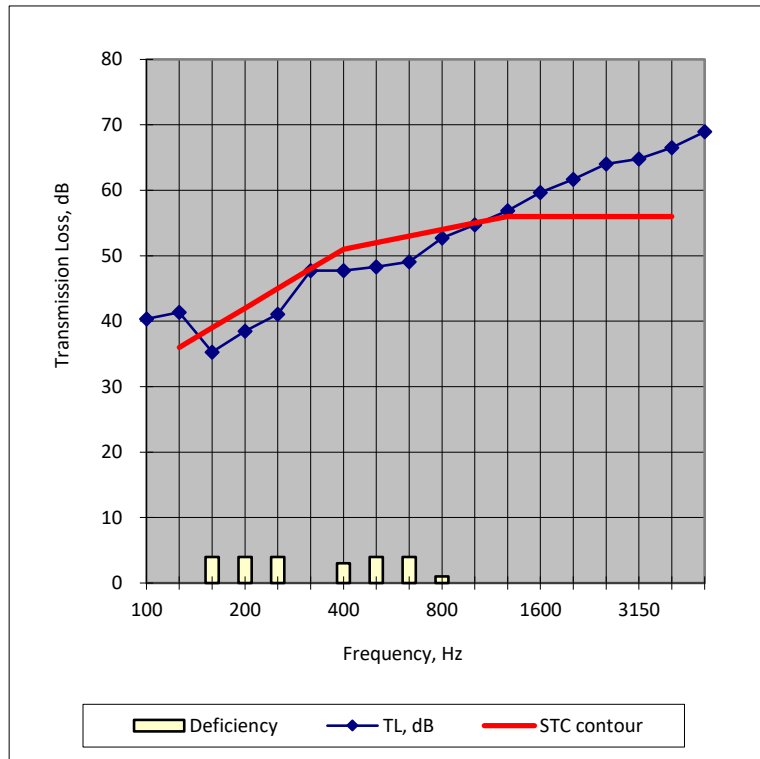
Volume of Source Room: 77 m³ Volume of Receiving Room: 112 m³

Specimen area: 12.6 m²

Floor Assemblies: The system consisted of 150mm thick concrete floor without drop ceiling and the 5.2mm SPC FLOOR (including 1.0mm IXPE underlayment) were placed on the concrete floor.

Mounting of the specimen: Floating installation with click joints

Frequency (Hz)	TL (dB)
100	40.4
125	41.4
160	35.3
200	38.5
250	41.1
315	47.7
400	47.7
500	48.3
630	49.1
800	52.7
1000	54.7
1250	56.9
1600	59.7
2000	61.7
2500	64.0
3150	64.8
4000	66.5
5000	68.9



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.

Test Report

Issue Date: 2023-04-03

Intertek Report No. 230221007SHF-008

Appendix A: Test Photos



Test set up



Test Report

Issue Date: 2023-04-03

Intertek Report No. 230221007SHF-008

Appendix B: Sample Received Photo



Revision:

NO.	Date	Changes
230221007SHF-008	2023-04-03	First issue