

# Linco Enterprises

## TEST REPORT

**SCOPE OF WORK**

THE PEAKS WPC FLOOR

**REPORT NUMBER**

200311004SHF-003

**TEST DATE(S)**

2020-03-11 - 2020-03-31

**ISSUE DATE**

2020-03-31

**PAGES**

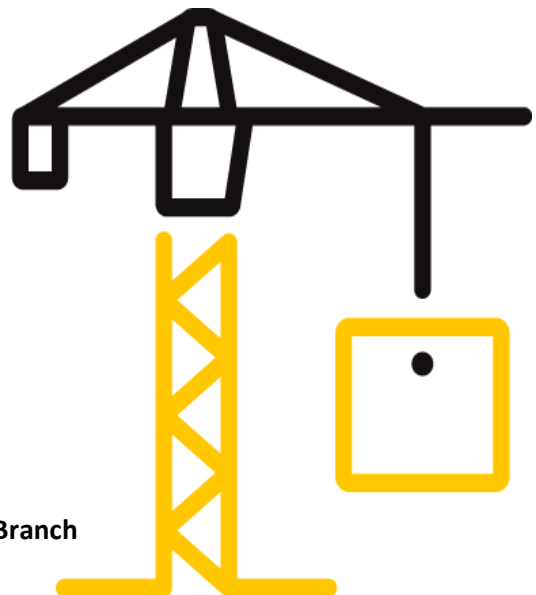
6

**DOCUMENT CONTROL NUMBER**

LFT-APAC-SHF-OP-10k(May 1, 2019)

© 2020 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 assigned page.
- 2.This report is invalid without authorized person's signature.
- 3.This report is invalid where any unauthorized modification indicated.
- 4.Don't copy this report in partial (except full copy) 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.Any holder of this document is advised that this report is for the exclusive use of Intertek's Customer and is provided pursuant to the agreement between Intertek and its Customer. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. This report was made with due care within the limitation of a defined scope of work and on the basis of information, materials and instructions received from the Customer or its nominated third parties. Intertek is under no obligation to refer to or report upon any facts or circumstances which are outside the specific instructions received and accepts no responsibility to any parties whatsoever, following the issue of the report, for any matters arising outside the agreed scope of the works. The tests results are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results.
- 6.Intertek's written consent is required to use Intertek's name or logo on the object, product or service being tested. The observations and test results in this report relate only to the sample under test. This report alone does not indicate that the item, product or service has passed any Intertek certification program.

# Test Report

Issue Date: 2020-03-31 Intertek Report No. 200311004SHF-003  
 Applicant: Linco Enterprises  
 Address: 13626 Monte Vista Ave, Ste B Chino, CA 91710, USA Tel 909-590-5300  
 Attn: Carl cao  
 Test Type : Performance test, samples provided by the applicant.

## Product Information

<b>Product Name</b>	THE PEAKS WPC FLOOR	<b>Brand</b>	NexxaCore Engineered Vinyl Flooring
<b>Sample Description</b>	Good Condition	<b>Sample Amount</b>	15m <sup>2</sup>
		<b>Received Date</b>	2020-03-09
<b>Sample ID</b>	<b>Model</b>	<b>Specification</b>	
S200311004SHF.001	20-101-190L-03 Everest	60"X9"X8.0MM(1.5MM XPE)	

## Test Methods And Standards

<b>Test Standard</b>	ASTM E2179-03(R2016)
<b>Specification Standard</b>	ASTM E989-18
<b>Test Conclusion</b>	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1.This report relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

## Report Authorized

*Jodie Zhou*      *Mason Wang*

---

Name: Jodie Zhou      Name: Mason Wang  
 Title: Reviewer      Title: Project Engineer

# Test Report

Issue Date: 2020-03-31

Intertek Report No. 200311004SHF-003

### Test Items, Method and Results:

Test method: ASTM E2179-2003(R2016)

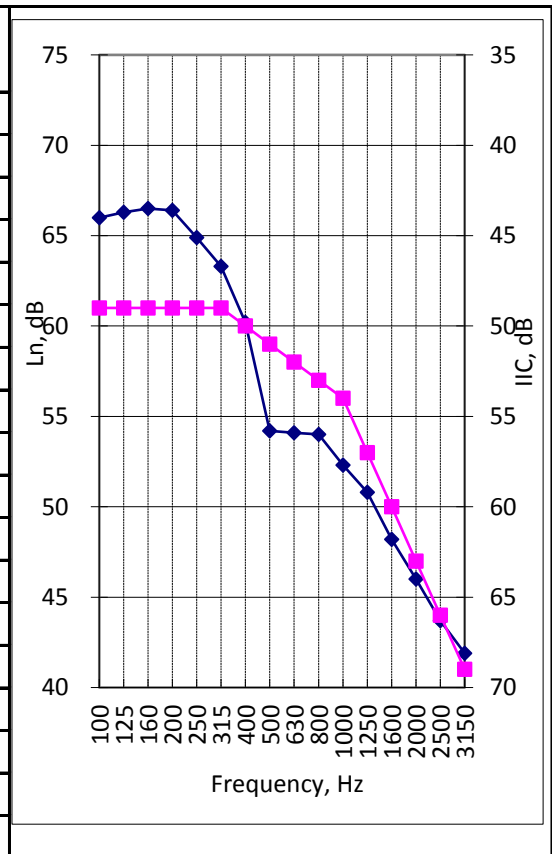
Temperature: 14 °C Relative Humidity: 90 %

Volume of the source room: 77 m<sup>3</sup> Volume of the receiving room: 112 m<sup>3</sup>

Specimen area: 11.9 m<sup>2</sup>

Floor assembly: The system consisted of over 6" concrete slab with no drop ceiling and the 8.0mm PEAKS WPC FLOOR including 1.5mm XPE underlayment was placed on the concrete slab.

Frequency (Hz)	L0 (dB)	Lc (dB)	Ld (dB)	Lref (dB)	Lref,c (dB)
100	58.4	57.4	1.0	67.0	66.0
125	64.6	63.4	1.2	67.5	66.3
160	65.0	63.5	1.5	68.0	66.5
200	63.9	61.8	2.1	68.5	66.4
250	65.5	61.4	4.1	69.0	64.9
315	64.9	58.7	6.2	69.5	63.3
400	64.7	54.9	9.8	70.0	60.2
500	65.2	48.9	16.3	70.5	54.2
630	66.1	49.2	16.9	71.0	54.1
800	65.4	47.9	17.5	71.5	54.0
1000	65.0	45.3	19.7	72.0	52.3
1250	64.9	43.7	21.2	72.0	50.8
1600	63.9	40.1	23.8	72.0	48.2
2000	63.1	37.1	26.0	72.0	46.0
2500	62.1	33.8	28.3	72.0	43.7
3150	61.0	30.9	30.1	72.0	41.9
IICc=	51				
ΔIIC=IICc-28=	23				



**Calculated improvement in Impact Insulation Class: IICc -28 = 23**

Note:

- L0 = Normalized Sound Pressure Level for Bare standard concrete floor

Lc = Normalized Sound Pressure Level for Covering over concrete floor

Ld = L0 - Lc

Lref = Reference floor average Normalized Impact Sound Pressure Level

Lref,c = Lref - Ld

2. Classified IIC in accordance with ASTM E989-18, "Standard Classification for Determination of Impact Insulation Class".

## Test Report

Issue Date: 2020-03-31

Intertek Report No. 200311004SHF-003

### Test Photos:



Test set up



6" concrete slab with no drop ceiling

## Test Report

Issue Date: 2020-03-31

Intertek Report No. 200311004SHF-003

### Appendix A: Sample Received Photo



### Revision:

NO.	Date	Changes	Author	Reviewer
200311004SHF-003	2020-03-31	First issue	Mason Wang	Jodie Zhou