

# **Linco Enterprises**

# **TEST REPORT**

#### **SCOPE OF WORK**

THE LANDS SPC FLOOR

### **REPORT NUMBER**

200311004SHF-006

## **TEST DATE(S)**

2020-03-11 - 2020-03-31

#### **ISSUE DATE**

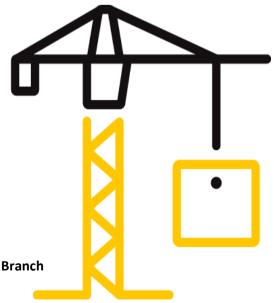
2020-03-31

#### **PAGES**

6

#### **DOCUMENT CONTROL NUMBER**

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## **Test Report**

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# **Test Report**

Issue Date: 2020-03-31 Intertek Report No. 200311004SHF-006

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**

Product Name	-	THE LANDS SPC FLOOR	Brand	NexxaCore Engineered Vinyl Flooring
Sample		Good Condition	Sample Amount	15m²
Description		Good Condition	Received Date	2020-03-09
Sample ID		Model	Specification	
S200311004SHF.002		20-120-88066-1 Zion	48"X7"X5.0MM(1MM XPE)	

#### **Test Methods And Standards**

Test Standard	ASTM E2179-03(R2016)	
Specification Standard	ASTM E989-18	
Test Conclusion	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** 

Name: Jodie Zhou

Title: Reviewer Title: Project Engineer



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#### Test Items, Method and Results:

Test method: ASTM E2179-03(R2016)

Temperature: 14 °C Relative Humidity: 90 % Volume of the source room: 77  $m^3$  Volume of the receiving room: 112  $m^3$ 

Specimen area: 12.5 m<sup>2</sup>

Floor assembly: The system consisted of over 6" concrete slab with no drop ceiling and the 5.0mm LANDS SPC

FLOOR inculding 1.0mm XPE underlayment was placed on the concrete slab.

F	1.0		1.4	1	16			
Frequency (Hz)	LO (dB)	Lc (dB)	Ld (dB)	Lref (dB)	Lref,c (dB)	75 ¬		35
, ,		` '	, ,	` ,	` ′	.		
100	58.4	58.0	0.4	67.0	66.6	70		40
125	64.6	64.6	0.0	67.5	67.5			
160	65.0	64.0	1.0	68.0	67.0	65		45
200	63.9	62.6	1.3	68.5	67.2		<del>                                      </del>	75
250	65.5	63.4	2.1	69.0	66.9	60		50
315	64.9	61.3	3.6	69.5	65.9	60 - 9b 55 -		dB
400	64.7	57.9	6.8	70.0	63.2	<u> </u> 55 -		55 <u>℃</u>
500	65.2	55.0	10.2	70.5	60.3	1		_
630	66.1	52.0	14.1	71.0	56.9	50 -		60
800	65.4	50.5	14.9	71.5	56.6	1		
1000	65.0	48.1	16.9	72.0	55.1	45 -		65
1250	64.9	48.0	16.9	72.0	55.1	1		
1600	63.9	44.6	19.3	72.0	52.7	40 -		70
2000	63.1	42.9	20.2	72.0	51.8	1		
2500	62.1	40.5	21.6	72.0	50.4	35 🕹		75
3150	61.0	38.5	22.5	72.0	49.5	100 1100 1125 1250 2200 2200 11250 3150 3150		
IICc=		48				Frequency, Hz		
ΔIIC=IICc-28=		20						

#### Calculated improvement in Impact Insulation Class: IICc -28 = 20

#### Note:

1. LO = 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".



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## **Test Photos:**



Test set up



6" concrete slab with no drop ceiling



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## **Appendix A: Sample Received Photo**



## **Revision:**

NO.	Date	Changes	Author	Reviewer
200311004SHF-006	2020-03-31	First issue	Mason Wang	Jodie Zhou