Lions Floor

TEST REPORT

SCOPE OF WORK
SPC FLOORING

REPORT NUMBER
260714002SHF-009

TEST DATE(S)
2026-07-14 - 2026-08-20

ORIGINAL ISSUE DATE
2026-08-20

PAGES
12

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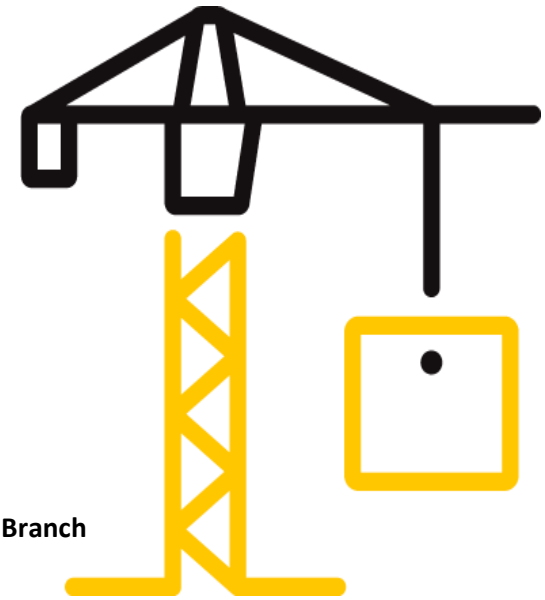

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch
Plant 5 & 11(4F), No. 6958 Daye Road, Fengxian District, Shanghai, China
Tel: +86 21-61136116 Fax: 021-61189921
Website: www.intertek.com

Test Report

Original Issue Date: 2026-08-20 Intertek Report No. 260714002SHF-009

Applicant: Lions Floor

Address: 7300 somerset blvd,paramount, CA 90723

Attn: Jerry Guo

Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	Model	Specification
SPC FLOORING	Lions Reservation Collection	182*1524*6.0mm(4.5mmSPC+1.5mmIXPE)
Sample ID	**Sample Amount**	**Sample Received Date**
S260714002SHF.023~030	50 pcs	2026-06-08
Sample Description		
182*1524*6.0mm (with 1.5mm underlayment)		

Test Methods And Standards

Test Standard	ASTM F3261-25a section 8.1, 8.3, 8.5, 8.6, 8.7 and 8.9; ASTM F387-17(2022); ASTM F410-08(2022); ASTM F1914-18(2023); ASTM F2199-20; ASTM F1514-19(2025); ASTM F1515-21; ASTM F970-22; ASTM D2047-25
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 applicant. Representativeness and authenticity of the submitted samples are responsibilities of the applicant.

Report Authorized

Name: Flora Fan Name: Wilson Zhang

Title: Reviewer Title: Project Engineer

Test Report

Original Issue Date: 2026-08-20 Intertek Report No. 260714002SHF-009

Test Items, Method and Results:

Test Item: Thickness

Test Method: ASTM F387-17(2022)

Conditioning: Condition the test specimens at (23 ± 2)°C and (50 ± 5)% relative humidity for at least 24h

Test Condition:

Foot diameter of thickness gage:	6.35	mm
Mass applied:	28	g
Product with foam back layer:	Yes	

Test Result:

Nominal value:	6.0	mm
Average value:	6.04	mm
Tolerance:	0.04	mm
Max. value:	6.05	mm
Min. value:	6.03	mm

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Test Items, Method and Results:

Test Item: Wear layer thickness

Test Method: ASTM F410-08(2022)

Conditioning: Condition the test specimens at (23 ± 2)°C and (50 ± 5)% relative humidity for at least 24h

Test Result:

Nominal value:	0.50	mm
Average value:	0.51	mm
Max. value:	0.52	mm
Min. value:	0.50	mm

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Test Items, Method and Results:

Test Item: Residual indentation

Test Method: ASTM F3261-25a section 8.1 and ASTM F1914-18(2023)

Conditioning: Condition the test specimens at (23 ± 2)°C and (50 ± 5)% relative humidity for at least 24h

Test Condition:

Indenter:	Steel cylindrical foot	
Indenter diameter:	6.35	mm
Total load applied:	34	kg
Indentation time:	15	min
Recovery time:	60	min

Test Result:

Residual Indentation	Result (mm)
Specimen 1	0.05
Specimen 2	0.03
Specimen 3	0.04
Average value	0.04
Max. value	0.05

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Test Items, Method and Results:

Test Item: Dimensional stability and curling

Test Method: ASTM F3261-25a section 8.3 and ASTM F2199-20

Conditioning:

Temperature:	23	°C
Relative humidity:	50	%
Duration:	24	h

Measure the initial length and curling

Test Condition:

Temperature:	70	°C
Duration:	6	h

Reconditioning:

Temperature:	23	°C
Relative humidity:	50	%
Duration:	24	h

Measure the final length and curling

Test Result:

Specimen	Dimensional stability (%)		Curling (in)
	Length direction/Machine direction	Width direction/Across machine direction	
1	-0.05	-0.02	0.003
2	-0.04	-0.02	0.003
3	-0.05	-0.02	0.003
Average	-0.05	-0.02	0.003
Max.	-0.05	-0.02	0.003

Note:

1. Dimensional stability = (final length - initial length)×100/initial length

A negative value indicates shrinkage, and a positive value indicates expansion.

2. Curling = final curling - initial curling = Curl

Express the average value to the nearest 0.001in

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Test Items, Method and Results:

Test Item: Resistance to heat

Test Method: ASTM F3261-25a section 8.5 and ASTM F1514-19(2025)

Conditioning: Condition the test specimens at (23 ± 2)°C and (50 ± 5)% relative humidity for at least 24h

Test Condition:

Temperature: 70 °C

Exposure time: 7 days

Spectrophotometer: Under D65 standard light source, 10° observer

Test Result:

Specimen	ΔE*	Average ΔE*
1	0.31	0.48
2	0.81	
3	0.33	

Test Photo:

After exposure

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Original Issue Date: 2026-08-20 Intertek Report No. 260714002SHF-009

Test Items, Method and Results:

Test Item: Resistance to light

Test Method: ASTM F3261-25a section 8.6 and ASTM F1515-21

Conditioning: Condition the test specimens at (23 ± 2)°C and (50 ± 5)% relative humidity for at least 24h

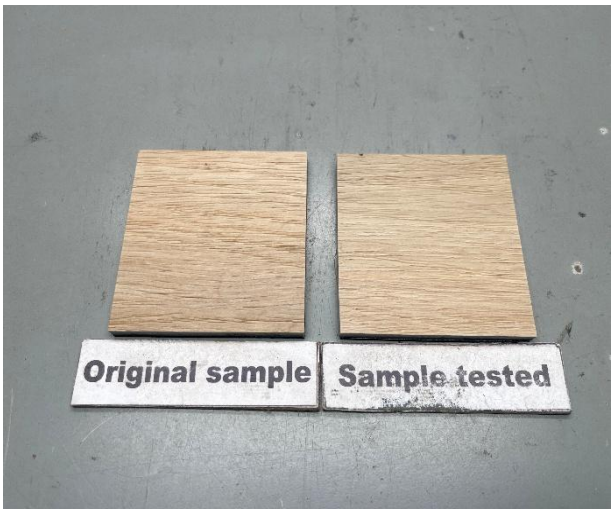
Test Condition:

Light source:	Xenon-arc lamps		
Irradiance:	0.30	$W/(m^2 \cdot nm)$	at 340nm
Black-panel temperature:	63 ± 2	°C	
Relative humidity:	50 ± 10	%	
Exposure time:	300	h	
Spectrophotometer:	Under D65 standard light source, 10° observer		

Test Result:

Specimen	ΔE*	Average ΔE*
1	0.68	0.86
2	0.98	
3	0.92	

Test Photo:



After exposure

Test Report

Original Issue Date: 2026-08-20 Intertek Report No. 260714002SHF-009

Test Items, Method and Results:

Test Item: Static load resistance

Test Method: ASTM F3261-25a section 8.7 and ASTM F970-22

Conditioning: Condition the test specimens at (23 ± 2)°C and (50 ± 5)% relative humidity for at least 24h

Test Condition:

Indenter diameter:	28.6	mm			
Total load applied:	250	lb	/	250	psi
Indentation time:	24	h			
Recovery time:	24	h			

Test Result:

Residual Indentation	Result (mm)
Specimen 1	0.17
Specimen 2	0.23
Specimen 3	0.28
Average value	0.23
Max. value	0.28

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Original Issue Date: 2026-08-20 Intertek Report No. 260714002SHF-009

Test Items, Method and Results:

Test Item: Coefficient of Friction (Dry condition)

Test Method: ASTM F3261-25a section 8.9 and ASTM D2047-25

Conditioning: Condition the test specimens at (23 ± 2)°C and (50 ± 5)% relative humidity for at least 24h

Test Result:

Static Coefficient of Friction (Standard Leather)	Dry: 0.58

Test Report

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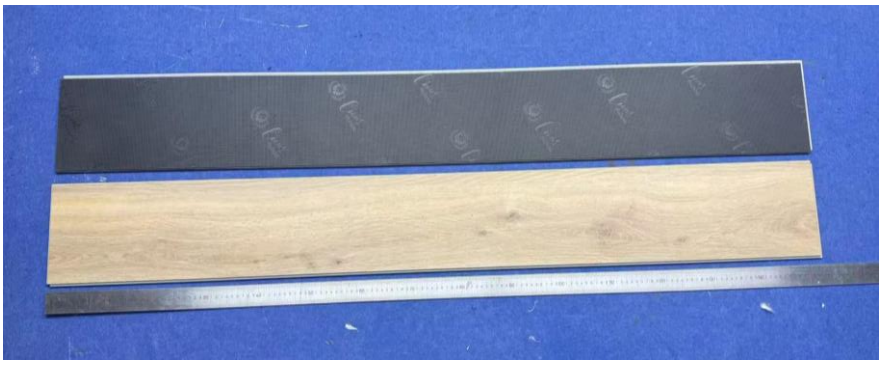
Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes
260714002SHF-009	2026-08-20	First issue