Lions Floor

TEST REPORT

SCOPE OF WORK
Coral Drift

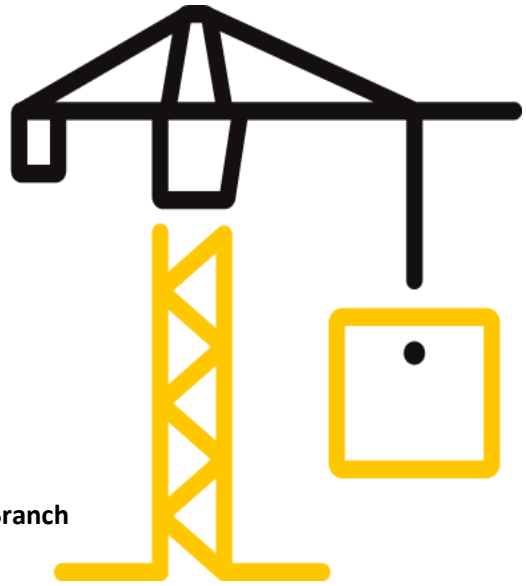
REPORT NUMBER
260911002SHF-001

TEST DATE(S)
2026-09-11 - 2026-10-13

ORIGINAL ISSUE DATE
2026-10-13

PAGES
6

DOCUMENT CONTROL NUMBER
LFT-APAC-SHF-OP-10k(September 01, 2026)
© 2026 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. Partial reproduction of this report is prohibited without our written official approval. Any reproduced copy without reaffixing our test special seal shall be deemed invalid.

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 obligations, responsibilities and liabilities (if any) arising from the appropriateness and professionalism of the aforementioned testing, limited to the testing fee received, Intertek shall not bear any other obligations or liabilities.

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 digitally signed by Intertek Group PLC, China - Shanghai. Please use Adobe Acrobat Reader to verify the authenticity.

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: 2026-10-13 Intertek Report No. 260911002SHF-001

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
Coral Drift	LI-OC02	1523*228*6.5+1.5mm/ white IXPE*10X
Sample ID	**Sample Amount**	**Sample Received Date**
S260911002SHF.009	10pcs	2026-08-26
Sample Description		**Brand**
1523*228*8mm		Ocean Crest

Test Methods And Standards

Test Standard	ASTM E90-23
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 applicant. Representativeness and authenticity of the submitted samples are responsibilities of the applicant.

Report Authorized

Name: Ozzy Cheng Name: Roger Chen

Title: Reviewer Title: Project Engineer

Test Report

Original Issue Date: 2026-10-13 Intertek Report No. 260911002SHF-001

Test Items, Method and Results:

Test Item: Laboratory Measurements of Airborne Sound Transmission Loss

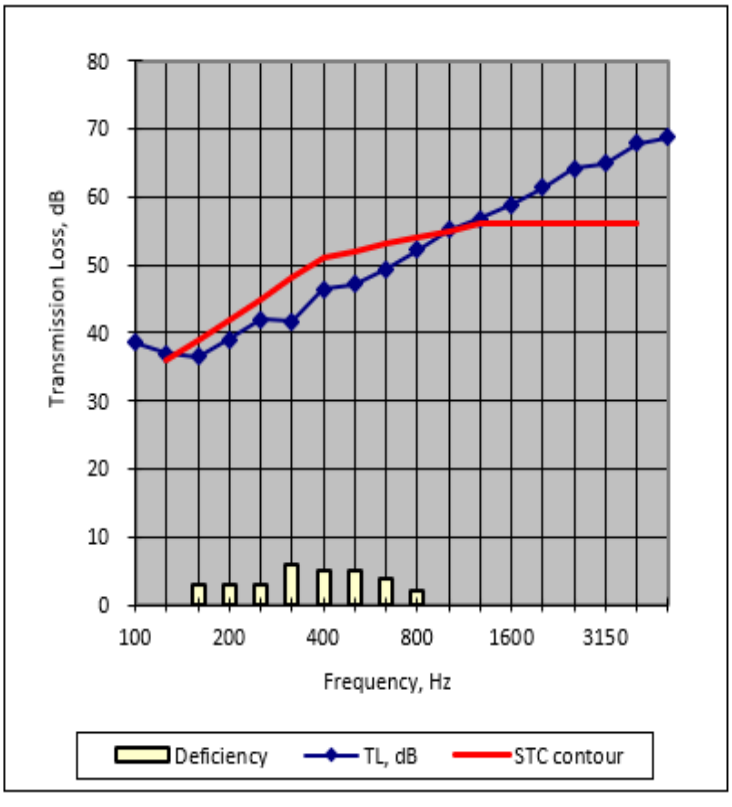
Test method: ASTM E90-23

Temperature:	23	°C	Relative Humidity:	50	%
Volume of Source Room:	77	m^3	Volume of Receiving Room:	112	m^3
Specimen area:	12.5	m^2			

Floor Assemblies: The system consisted of 150mm thick concrete floor and the 8mm Coral Drift (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	38.5
125	36.9
160	36.5
200	39.1
250	42.0
315	41.7
400	46.4
500	47.1
630	49.4
800	52.2
1000	55.2
1250	56.7
1600	58.9
2000	61.4
2500	64.2
3150	65.0
4000	67.9
5000	68.7



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

Original Issue Date: 2026-10-13 Intertek Report No. 260911002SHF-001

Appendix A: Test Photos



Test set up

Test Report

Original Issue Date: 2026-10-13 Intertek Report No. 260911002SHF-001

Appendix B: Sample Received Photo



Revision:

NO.	Date	Changes
260911002SHF-001	2026-10-13	First issue