

# Ua Wood Floors, Inc

## TEST REPORT

**SCOPE OF WORK**

OAK ENGINEERED WOOD FLOORING

**REPORT NUMBER**

250813001SHF-001

**TEST DATE(S)**

2025-08-13 - 2025-08-21

**ORIGINAL ISSUE DATE**

2025-08-26

**PAGES**

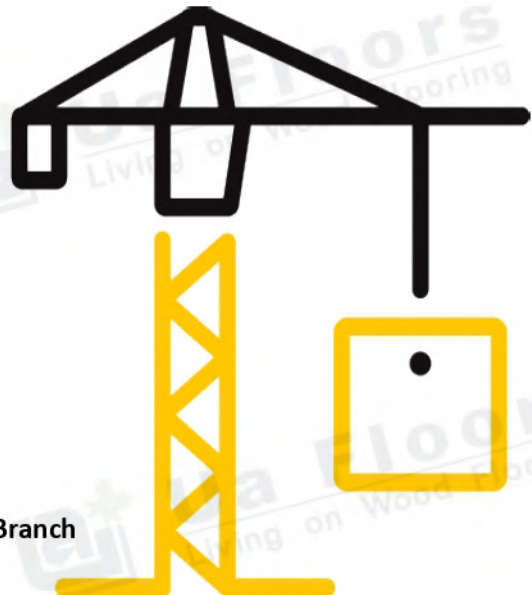
7

**DOCUMENT CONTROL NUMBER**

LFT-APAC-SHF-OP-10k(January 13, 2025)

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



## Test Report

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- 9.The report was digital signed by Shang Hai, Intertek Group plc, please using Adobe Acrobat Reader to verify the authenticity.

## Test Report

Original Issue Date: 2025-08-26

Intertek Report No. 250813001SHF-001

Applicant: Ua Wood Floors, Inc

Address: No.38, Ke-Jia Road, Douliu City, Yunlin County 640 Taiwan

Attn: Jiajun Ye

Manufacturer: Ua Wood Floors, Inc

Address: No.38, Ke-Jia Road, Douliu City, Yunlin County 640 Taiwan

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

### Product Information

Product Name	Model	Specification
OAK ENGINEERED WOOD FLOORING	/	14.5(thickness)x190(wide)
Sample ID	Sample Amount	Sample Received Date
S250813001SHF.001	6 pcs	2025-07-27
Sample Description		
190*14.5mm, see sample photo in Appendix A		

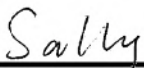
### Test Methods And Standards

Test Standard	ASTM E648-25
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 testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

### Report Authorized

  
Name: Sally Xie  
Title: Reviewer

  
Name: Lu Cheng  
Title: Project Engineer



# Test Report

Original Issue Date: 2025-08-26

Intertek Report No. 250813001SHF-001

## Test Items, Method and Results:

Test Item: Critical radiant flux

Test Method: ASTM E648-25

Conditioning: At temperature of  $(21 \pm 3)^\circ\text{C}$  and relative humidity of  $(50 \pm 5)\%$  for 48h

### 1 Test Overview

This procedure provides a way of measuring **Critical Radiant Flux** (the level of incident radiant heat energy on a floor covering system at the most distant flame-out point, reported as  $\text{w}/\text{cm}^2$ ) of horizontally mounted floor-covering systems exposed to a flaming ignition source while being exposed to radiant heat energy from a panel with approximately a  $30^\circ$  angle from the horizontal.

### 2 Test Procedure

At least three specimens shall be tested. Following the ASTM E648-25 calibration procedures the first specimen was loaded into the test chamber. After a 5 min pre-heat time, the pilot flame was placed into contact with the specimen at the 0 mm mark. The pilot flame is to remain in contact with the specimen for 5 min, then removed. If the specimen does not propagate flame during the 5 min pilot flame contact, then the test is terminated. For specimens that do propagate flame, the test is continued until the flame goes out. The distance to the farthest flame-out point is noted, which is then used to determine the **Critical Radiant Flux**, based on a radiant heat energy flux profile curve of the apparatus obtained during calibration.

# Test Report

Original Issue Date: 2025-08-26

Intertek Report No. 250813001SHF-001

## Test Items, Method and Results:

### 3 Test Result

Specimen	1	2	3
Maximum Distance (mm)	560	530	570
Time to Maximum Distance (min:sec)	50:45	48:59	49:55
Time to All Flame Out (min:sec)	53:47	50:16	54:27
Critical Radiant Flux (W/cm <sup>2</sup> )	0.29	0.33	0.28
Average Critical Radiant Flux (W/cm <sup>2</sup> )	0.30		
Standard Deviation (W/cm <sup>2</sup> )	0.03		
Coefficient of Variation (%)	8.82		

### Observation

Specimen	Discolored (min:sec)	Ignation (min:sec)	Smoking (min:sec)
1	5:02	5:05	5:06
2	5:04	5:05	5:07
3	5:04	5:06	5:08

# Test Report

Original Issue Date: 2025-08-26

Intertek Report No. 250813001SHF-001

## Test Items, Method and Results:

### 4 Test photos



Before test



After test

## Test Report

Original Issue Date: 2025-08-26

Intertek Report No. 250813001SHF-001

### Appendix A: Sample Received Photo



### Revision:

NO.	Date	Changes
250813001SHF-001	2025-08-26	First issue