

# TERRA-MATER FLOORS PTY LTD

## TEST REPORT

**SCOPE OF WORK**

ENGINEERED OAK FLOORING

**REPORT NUMBER**

251011012SHF-006

**TEST DATE(S)**

2025-10-11 - 2025-10-31

**ORIGINAL ISSUE DATE**

2025-11-03

**PAGES**

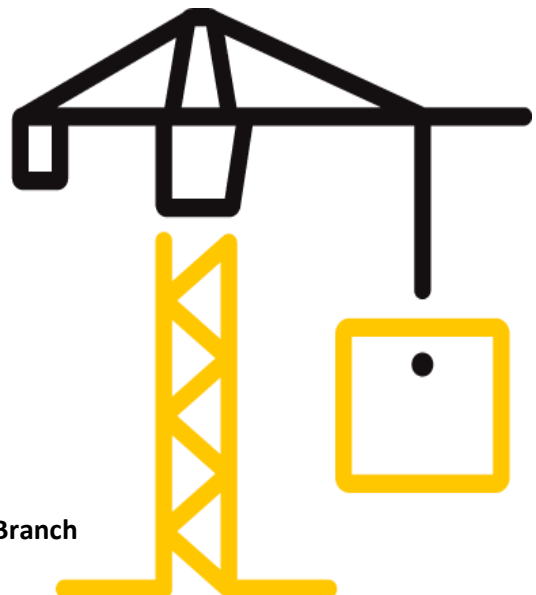
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**DOCUMENT CONTROL NUMBER**

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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## Test Report

Original Issue Date: 2025-11-03

Intertek Report No. 251011012SHF-006

Applicant: TERRA-MATER FLOORS PTY LTD

Address: 15 Rangebank Drive, Cranbourne West, VIC 3977 Australia

Attn: 1300671777

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

### Product Information

Product Name	Model	Specification
ENGINEERED OAK FLOORING	Wild Oak Soleil	2200×220×14/4mm
Sample ID	Sample Amount	Sample Received Date
S251011012SHF.006	1 package	2025-10-09
Sample Description		Brand
2200mm×220mm×14mm		TERRA-MATER

### Test Methods And Standards

<b>Test Standard</b>	With reference to ASTM D5116-25
<b>Specification Standard</b>	/
<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 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: Flora Fan      Name: Erin Huang  
Title: Reviewer      Title: Project Engineer

# Test Report

Original Issue Date: 2025-11-03

Intertek Report No. 251011012SHF-006

## Test Items, Method and Results:

Test Item: Volatile organic compounds content analysis

Test Method: With reference to ASTM D5116-25

Test procedure:

The sample was tested in the emission test chamber. After 24 hours, chamber air samples were collected. Samples analyzed for individual VOCs and TVOC were collected on sorbent tubes Tenax TA, and were detected by Automatic Thermal Desorption-Gas Chromatography/Mass Spectrometric (ATD-GC/MS). Samples analyzed for aldehydes were collected on DNPH cartridge, and were detected by High Performance Liquid Chromatography (HPLC).

Test condition:

Test chamber: 0.06 m<sup>3</sup>

Loading factor: 1.0 m<sup>2</sup>/m<sup>3</sup>

Supply air temper: 23°C±1°C

Supply air humidity: 50%±5% R.H.

Air exchange rate: 1.0 h<sup>-1</sup>

Sampling: Tenax TA & DNPH cartridge

Table 1 24 hours Chamber concentration and Emission Factor of all Target VOCs and TVOC

No.	Compound Name	CAS Number	Chamber Concentration (µg/m <sup>3</sup> )	Emission Factor (µg/m <sup>2</sup> ·h)
1	Acetic acid**	64-19-7	5.3	5.3
2	Formaldehyde <sup>#</sup>	50-00-0	ND	< 5.0
3	Total of all VOC (TVOC)**	/	ND	< 20.0

Remark:

- # = indicates compound identified and quantified by DNPH derivitization and HPLC/DAD analysis.
- \*\* = Denotes quantified using the Relative Response Factor to toluene for the compound.
- Detection limit of individual compound = 2.0 µg/m<sup>3</sup>
- Detection limit of TVOC = 20.0 µg/m<sup>3</sup>
- Detection limit of Formaldehyde = 5.0 µg/m<sup>3</sup>
- ND = Not detected
- TVOC means sum of the concentrations of all identified and unidentified VOCs elute between and including n-pentane through n-heptadecane (i.e., C<sub>6</sub>-C<sub>16</sub>) as measured by the GC/MS TIC method and expressed as a toluene equivalent value.
- Test location: Central Chemical Lab of Intertek Testing Services Ltd., Wuxi  
Address: No. 8, Fubei Road, Xishan Economic Development Zone, Wuxi, China

# Test Report

Original Issue Date: 2025-11-03

Intertek Report No. 251011012SHF-006

Test Photo:



## Test Report

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### Appendix A: Sample Received Photo



Front view & Back view

SCAM FENGGUAN BR22

### Revision:

NO.	Date	Changes
251011012SHF-006	2025-11-03	First issue