

TERRA-MATER FLOORS PTY LTD

TEST REPORT

SCOPE OF WORK

ENGINEERED OAK FLOORING

REPORT NUMBER

251011012SHF-009

TEST DATE(S)

2025-10-11 - 2025-11-03

ORIGINAL ISSUE DATE

2025-11-03

PAGES

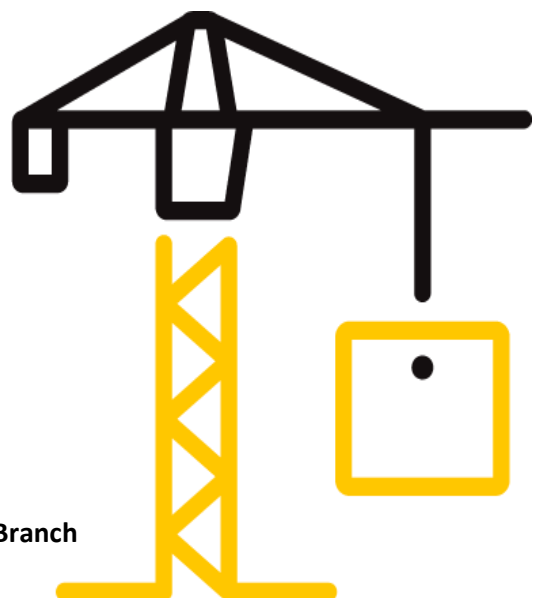
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DOCUMENT CONTROL NUMBER

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-009

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 Arlo	1900×190×14/3mm
Sample ID	Sample Amount	Sample Received Date
S251011012SHF.009	1 package	2025-10-17
Sample Description		Brand
1900mm×190mm×14mm		TERRA-MATER

Test Methods And Standards

Test Standard	With reference to ASTM D5116-25
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



Flora Fan
Name: Flora Fan Title: Reviewer

Erin Huang
Name: Erin Huang Title: Project Engineer

Test Report

Original Issue Date: 2025-11-03

Intertek Report No. 251011012SHF-009

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 m³

Loading factor: 0.93 m²/m³

Supply air temper: 23°C±1°C

Supply air humidity: 50%±5% R.H.

Air exchange rate: 1.0 h⁻¹

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 ³)	Emission Factor (µg/m ² ·h)
1	Acetic acid** ^a	64-19-7	19.2	20.6
2	Propylene glycol monomethyl ether [^]	107-98-2	10.9	11.7
3	1R-a-Pinene** ^a	7785-70-8	28.2	30.3
4	Formaldehyde [#]	50-00-0	ND	< 5.4
5	Total of all VOC (TVOC)**	/	58.3	62.7

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/m³
- Detection limit of TVOC = 20.0 µg/m³
- Detection limit of Formaldehyde = 5.0 µg/m³
- 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., C₆-C₁₆) as measured by the GC/MS TIC method and expressed as a toluene equivalent value.
- a = Indicates NIST/EPA/NIH library (Version 2.0 g) best library match only based on mass spectral characteristics.
- [^] = Denotes quantified using multipoint authentic standard curve.

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10. Test location: Central Chemical Lab of Intertek Testing Services Ltd., Wuxi
Address: No. 8, Fubei Road, Xishan Economic Development Zone, Wuxi, China

Test Photo:



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Appendix A: Sample Received Photo



Front view & Back view

SCAM FENGLIAN BR...

Revision:

NO.	Date	Changes
251011012SHF-009	2025-11-03	First issue