



Test Report

Applicant

Evolution Industries

Address

**No.2 Taishan Road, Wood Products Industrial Park,
Guanhu Town, Pizhou City, Xuzhou City, Jiangsu
Province, China.**

Sample Name

LVL UC3B Fire Treated

Test Item

TVOC Emission Rate

Test Standard

EN ISO 16000-9:2024

Test Type

Entrusted Test

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Precautions

1. This test report is invalid without authorized approved signature, signature of verifier and approver.
2. This test report is invalid if being supplemented, deleted or altered.
3. Unless otherwise stated, the observations and test results in this report are relevant only to the sample(s) tested.
4. Objections to the test report must be submitted to Hongjun within 15 days of report received date. This report does not imply that the material, product, or service is or have ever been under Hongjun or ICTT certification program.
5. The test applicant is responsible for authenticity of sample information which not subject to verification of Hongjun.
6. The applicable decision rules of this test are: IEC Guide 115:2007 Procedure 2 - Accuracy method, do not subject to measurement uncertainty.

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Sample Information

All samples were shipped to test laboratory by applicant, packed well and kept in good conditions while received on December 19th, 2025. Sample information listed in below were provided by applicant:

Manufacturer: Evolution Industries

Sample Type: LVL UC3B Fire Treated

Production Date: December 12th, 2025

Sample Date: December 16th, 2025

Wood Species: Masson Pine

Sample No.	Test Item	Specification (Length×Breadth, mm)	Sample Quantity	Adhesive Type	Lot Number
253035	TVOC Emission Rate	500×500×38 mm	2 PCS	PF	20251212

Referenced Standard

- ◆ EN ISO 16000-9:2024 Indoor air — Part 9: Determination of the emission of volatile organic compounds from building products and furniture — Emission test chamber method
- ◆ ISO 16000-6:2021 Indoor air — Part 6: Determination of volatile organic compounds in indoor and test chamber air by active sampling on Tenax TA sorbent, thermal desorption and gas chromatography using MS or MS-FID

EN ISO 16000-9 Test Chamber Parameters

Test chamber volume: 1m³

Temperature of supply air: 23°C±2°C

Relative humidity of supply air: 50%±5%

Air exchange rate: 1.0/h±0.05/h

Inflow velocity: 0.1m/s to 0.3m/s

Test Period

The testing was carried out between January 8th, 2026 to January 16th, 2026.

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Test Result

Sample No.	Adhesive Type	Thickness	Test Parameter	Unit	Standard Requirement	Result
253035	PF	38 mm	TVOC Emission Rate ¹	mg/(m ² ·h) (7 d)	/	0.02

Note

- ◆ 1. The method detection limit in our laboratory for EN ISO 16000-9 method is 0.01 mg/m³, thus if the test result is less than 0.01 mg/m³, it is regarded as not detect out TVOC.
- ◆ 2. The result should be effective only to the sample as shown in appendix I photos.

Reporter: *Ruixue Hong*

Verifier: *Caixia Chen*

Approver: *Mark Chen*



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Appendix I- Typical Sample Photos

1. Typical Sample Photos



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