

ANHUI OMI VINYL CO.,LTD.

TEST REPORT

REPORT NUMBER

190428008SHF-001

ISSUE DATE

2019/5/9

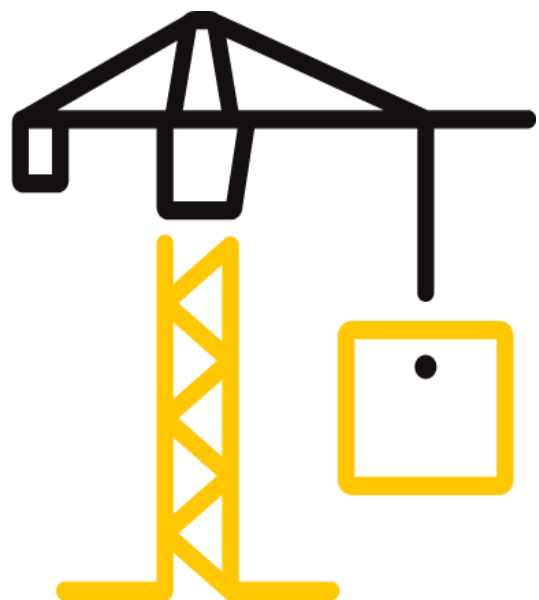
PAGES

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DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k

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Test Report

Issue Date: 2019/5/9 Intertek Report No. 190428008SHF-001

Applicant: ANHUI OMI VINYL CO.,LTD.

Applicant Address: 5,WUYASHAN WEST ROAD,LANGXI EDZ,XUANCHENG,ANHUI 242100,CHINA

Attn: Feng Zhao

SUBJECT: Performance testing
WPC flooring

Dear Sir,

This test report represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

TEST METHODS AND STANDARDS	
Refer to the next following Pages.	

SAMPLE ID	MODEL	SPECIFICATION
S190428008SHF.001	EVP68234C	1524X228.6X 6.5mm + 1.5mm Cork

SAMPLE RECEIVED: 2019/4/26
TESTED FROM: 2019/4/29 TO 2019/5/9

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Test Items, Method and Results:

Test method: ASTM E90-2009(R2016)

Temperature: 19 °C

Relative Humidity: 80 %

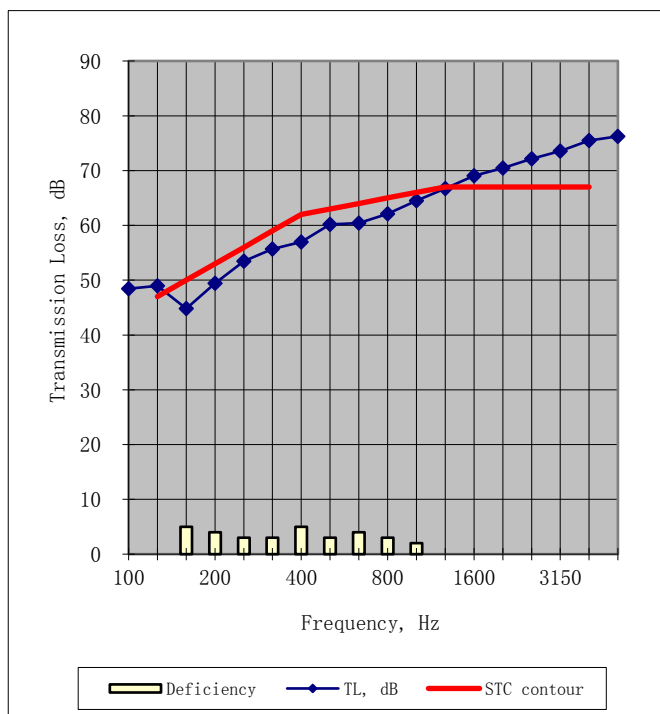
Volume of the source room: 77 m³

Volume of the receiving room: 104 m³

Test area^[4]: 27.4 m²

Floor-ceiling assembly: The system consisted of 150mm thick concrete floor with a drop ceiling below forming the horizontal separation between two room, one directly above the other. The drop ceiling consisted of 350mm deep light steel bar joists spaced 1200mm on centre. Two layers of 12mm thick gypsum boards were fixed on the bar. 50mm thick glass wool batts were placed in the 350mm space. The 7.9mm WPC FLOORING (including 1.5mm CORK) were placed on the concrete floor.

Frequency (Hz)	TL (dB)
100	48.5
125	49.0
160	44.8
200	49.4
250	53.5
315	55.7
400	57.0
500	60.2
630	60.4
800	62.1
1000	64.5
1250	66.7
1600	69.1
2000	70.4
2500	72.2
3150	73.5
4000	75.5
5000	76.2



Calculated Sound Transmission Class: STC 63

Note:

1. TL= Transmission loss
2. Classified STC in accordance with ASTM E413-10, Classification for Rating Sound Insulation.
3. The STC was for the whole floor-ceiling assembly system.
4. The calculation area was equal to the drop ceiling area 27.4 m².

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Test Photos:



Test set up



Ceiling assembly

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APPENDIX: SAMPLE RECEIVED PHOTO



REPORT AUTHORIZED

When signed with physical or electronic signature, the contents of this report have been prepared and approved per Intertek's quality process in accordance with ISO 17025.



Jodie Zhou Mason Wang
Name: Jodie Zhou Name: Mason Wang
Title: Reviewer Title: Project Engineer

Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
190428008SHF-001	2019/5/9	First issue	Mason Wang	Jodie Zhou