

ANHUI OMI VINYL CO.,LTD.

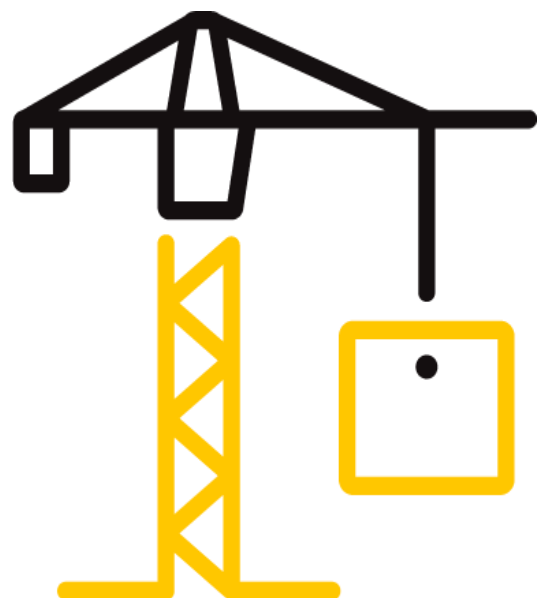
TEST REPORT

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190422011SHF-001

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2019/5/9

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Test Report

Issue Date: 2019/5/9 Intertek Report No. 190422011SHF-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
EVP(E-SPC Vinyl 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
S190422011SHF.001	7MP	1220X181X7mm+1mm IXPE

SAMPLE RECEIVED: 2019/4/11
TESTED FROM: 2019/4/22 TO 2019/5/9

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Intertek Report No. 190422011SHF-001

Test Items, Method and Results:

Test method: ASTM E90-2009(R2016)

Temperature: 19 °C

Relative Humidity: 80 %

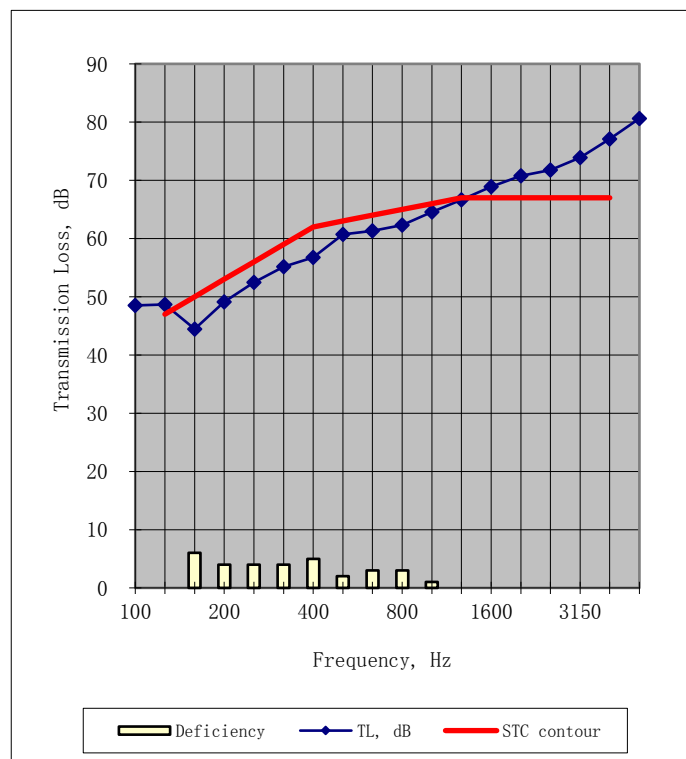
Volume of the source room: 77 m³

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 7.8mm E-SPC Vinyl FLOORING (including 1mm IXPE) were placed on the concrete floor.

Frequency (Hz)	TL (dB)
100	48.5
125	48.7
160	44.5
200	49.1
250	52.5
315	55.2
400	56.8
500	60.7
630	61.3
800	62.3
1000	64.6
1250	66.7
1600	68.9
2000	70.8
2500	71.8
3150	73.9
4000	77.1
5000	80.6



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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Issue Date: 2019/5/9

Intertek Report No. 190422011SHF-001

Test Photos:



Test set up



Ceiling assembly

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Issue Date: 2019/5/9

Intertek Report No. 190422011SHF-001

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.


Name: Jodie Zhou
Title: Reviewer


Name: Mason Wang
Title: Project Engineer



Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
190422011SHF-001	2019/5/9	First issue	Mason Wang	Jodie Zhou