

Zhejiang Wangli Door Co., Ltd.

TEST REPORT

SCOPE OF WORK

Sound insulation door

REPORT NUMBER

200622003SHF-002

TEST DATE(S)

2021-06-18

ISSUE DATE

2021-06-22

PAGES

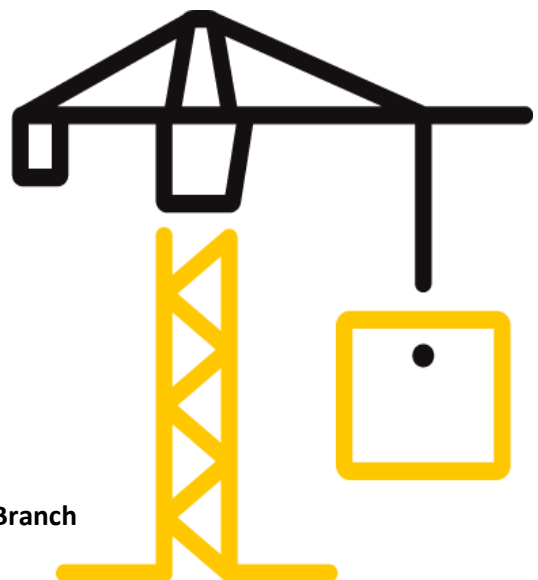
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DOCUMENT CONTROL NUMBER

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

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Test Report

Issue Date: 2021-06-22 Intertek Report No. 200622003SHF-002
Applicant: Zhejiang Wangli Door Co., Ltd.
Address: No.2, Wujin East Road, Hardware Machinery Industrial Zone, Wuyi City, Zhejiang Province, P.R.China
Attn: Binqiao Chen
Manufacturer: Zhejiang Wangli Door Co., Ltd.
Manufacturer Address: No.2, Wujin East Road, Hardware Machinery Industrial Zone, Wuyi City, Zhejiang Province, P.R.China
Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	Sound insulation door	Brand	Wonly
Sample Description	Good Condition	Sample Amount	One set
		Received Date	2021-06-09
Sample ID	Model	Specification	
S200622003SHF.003	WL-FHGE-WD-01	Frame size (Width x Height): 850mm x 2050mm	

Test Methods And Standards

Test Standard	ISO 10140-2:2021 Acoustics -Laboratory measurement of sound insulation of building elements - Part 2: Measurement of airborne sound insulation
Specification Standard	ISO 717-1:2020 Acoustics -Rating of sound insulation in buildings and of building elements - Part 1: Airborne sound insulation
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1.This report relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

Report Authorized


Name: Ozzy Cheng Title: Reviewer
Name: Gio Liu Title: Project Engineer

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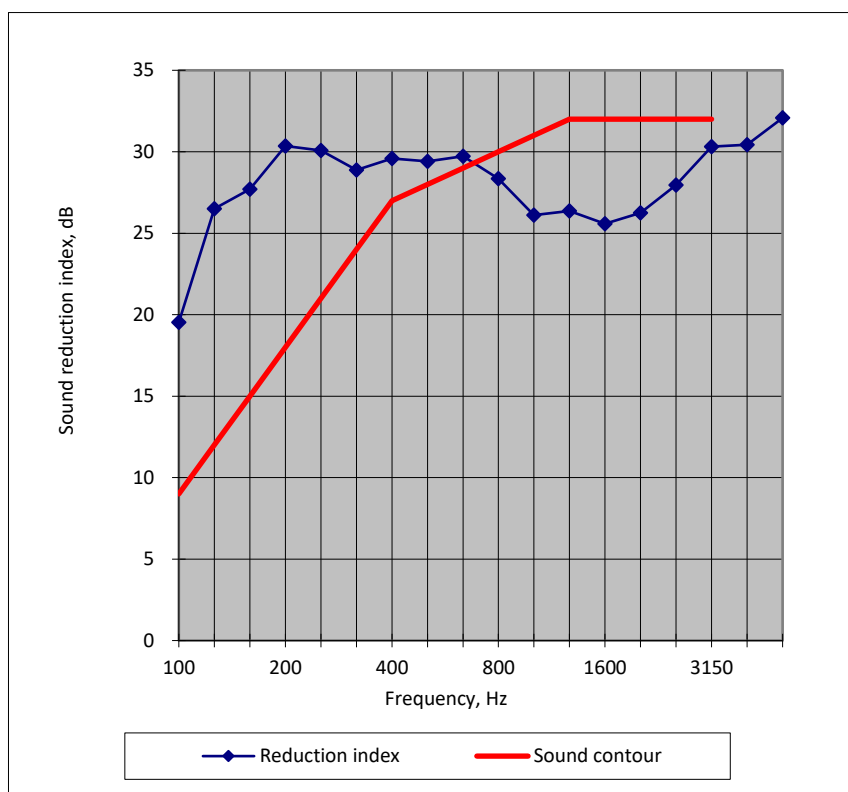
Test Items, Method and Results:

Test method: ISO 10140-2:2021 Acoustics-Laboratory measurement of sound insulation of building elements-
Part 2: Measurement of airborne sound insulation

Room Temperature: 26 °C Relative Humidity: 83 %
Volume of the source room: 112 m³ Volume of the receiving room: 137 m³
Specimen area: 1.8 m² (Details see Sample Drawing in Appendix A)

Test Results:

Frequency, (Hz)	Sound reduction index, (dB)
100	19.5
125	26.5
160	27.7
200	30.4
250	30.1
315	28.9
400	29.6
500	29.4
630	29.7
800	28.4
1000	26.1
1250	26.4
1600	25.6
2000	26.2
2500	28.0
3150	30.3
4000	30.4
5000	32.1



Rating according to ISO 717-1:2020

Weighted Sound reduction index	Rw(C;Ctr)=	28(-1; -1)	dB
Spectrum A-weighted pink noise	C=	-1	dB
Spectrum A-weighted urban traffic noise	Ctr=	-1	dB

Note:

1. Evaluation based on laboratory measurement results obtained by an engineer method.
2. The detailed drawing in Appendix A was provided by the applicant. Intertek verified the frame size to calculate the specimen area.

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Appendix A: Sample Drawing



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Appendix B: Test Photos



Test Set Up

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Appendix C: Sample Received Photo



Revision:

NO.	Date	Changes
200622003SHF-002	2021-06-22	First issue