

Latham's Security Doorsets Ltd

TEST REPORT

REPORT NUMBER

180426004SHF-BP-6

ISSUE DATE

2018/10/9

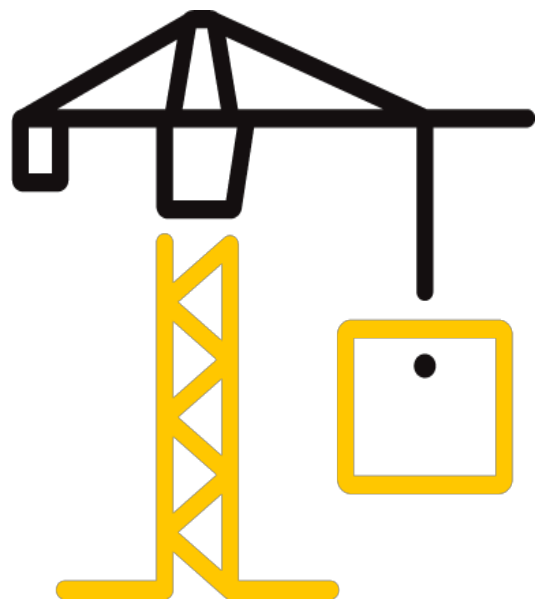
PAGES

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DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10a

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Test Report

Issue Date: 2018/10/9 Intertek Report No. 180426004SHF-BP-6

Applicant: Latham's Security Doorsets Ltd

Applicant Address: No.C29 Export Trade Processing Zone, Economic Exploration Garden, Chongqing
North New District, Chongqing, China

Attn: Ricky

SUBJECT: Performance testing
STEEL DOOR

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
S180426004SHF.006	BF1/2NN****XA70	2200mm*2200mm

SAMPLE RECEIVED: 2018/5/29
TESTED FROM: 2018/7/23 TO 2018/10/9

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Test Items, Method and Results:

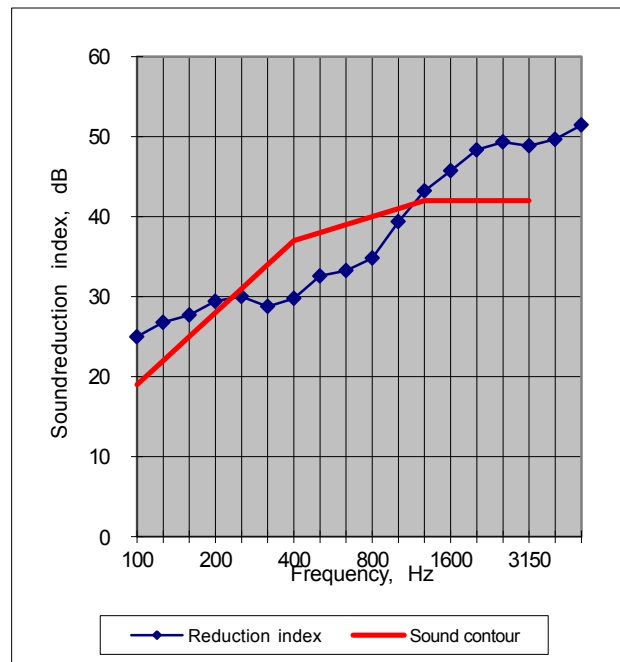
Test method: ISO 10140-2:2010

Temperature: 28 °C

Relative Humidity: 70 %

Volume of the source room: 112 m³Volume of the receiving room: 137 m³Specimen area: 4.9 m² (detail drawing see Test Photos)

Frequency (Hz)	Sound Reduction Index, Ri (dB)
100	25.0
125	26.8
160	27.7
200	29.4
250	30.0
315	28.8
400	29.8
500	32.6
630	33.3
800	34.8
1000	39.4
1250	43.2
1600	45.7
2000	48.3
2500	49.3
3150	48.8
4000	49.7
5000	51.5

**Rating according to ISO 717-1:2013**

Weighted Sound reduction index	R _w (C;Ctr)=	38 (-1; -4)	dB
Spectrum A-weighted pink noise	C=	-1	dB
Spectrum A-weighted urban traffic noise	C _{tr} =	-4	dB

Note:

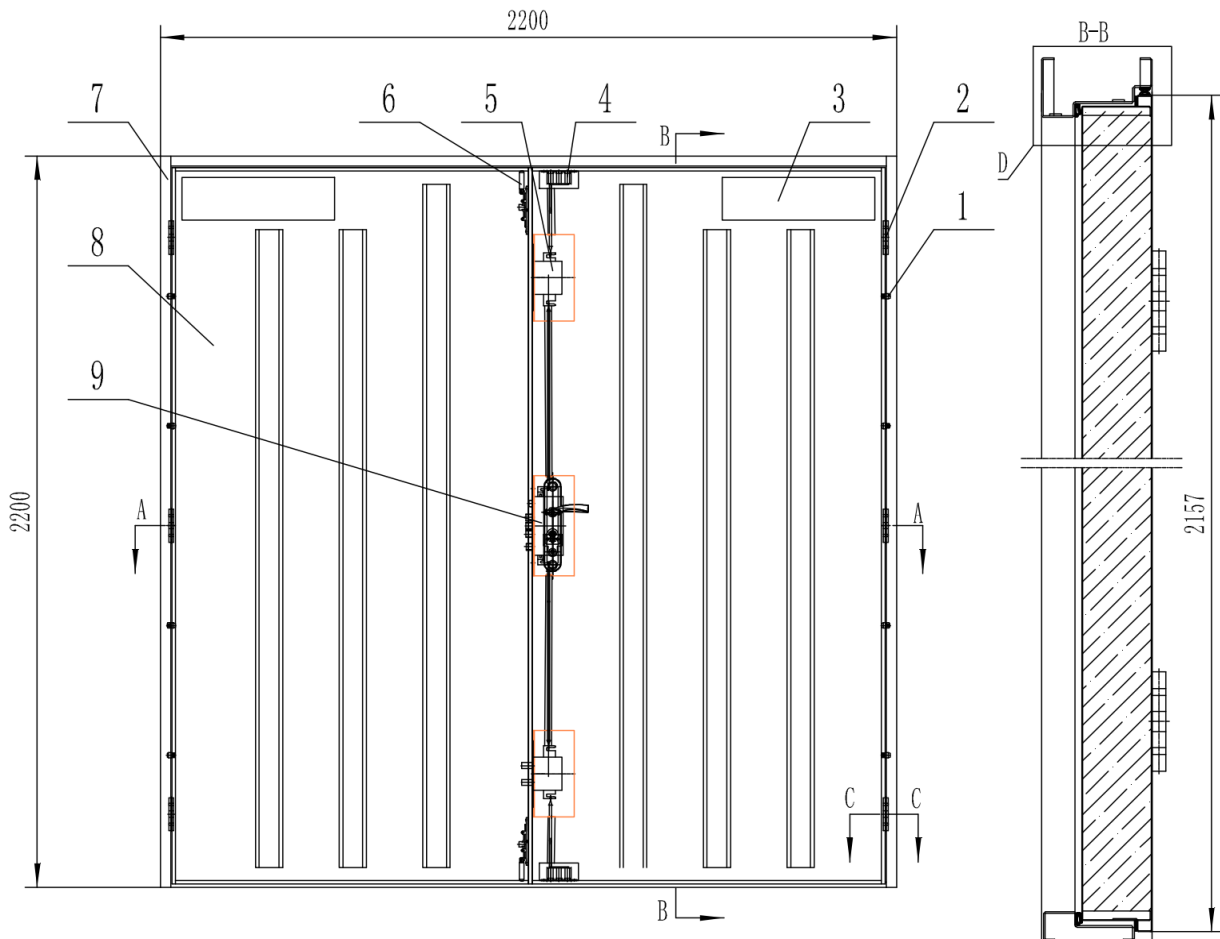
1. Evaluation based on laboratory measurement results obtained by an engineer method.

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Test Photos:

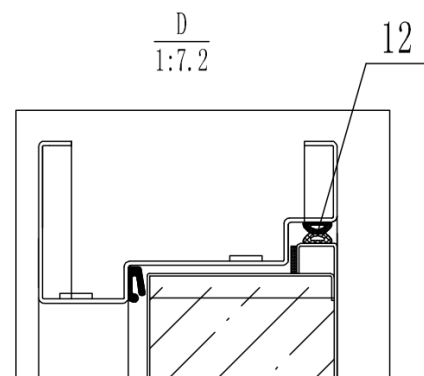
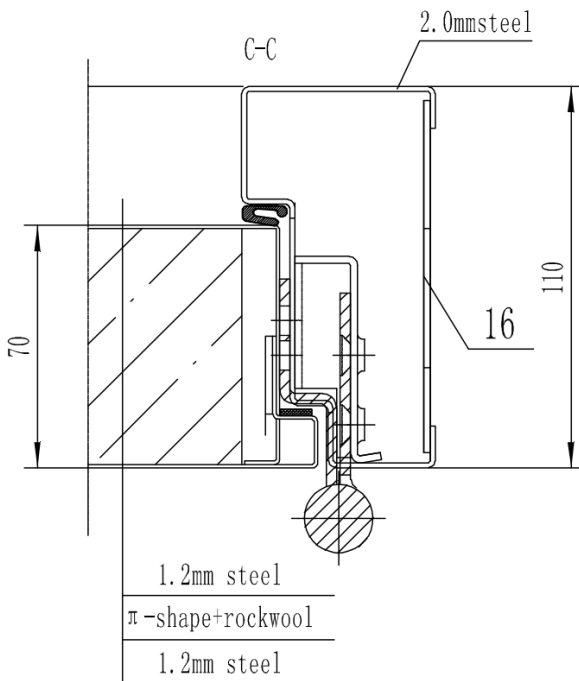
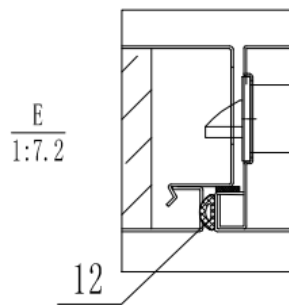
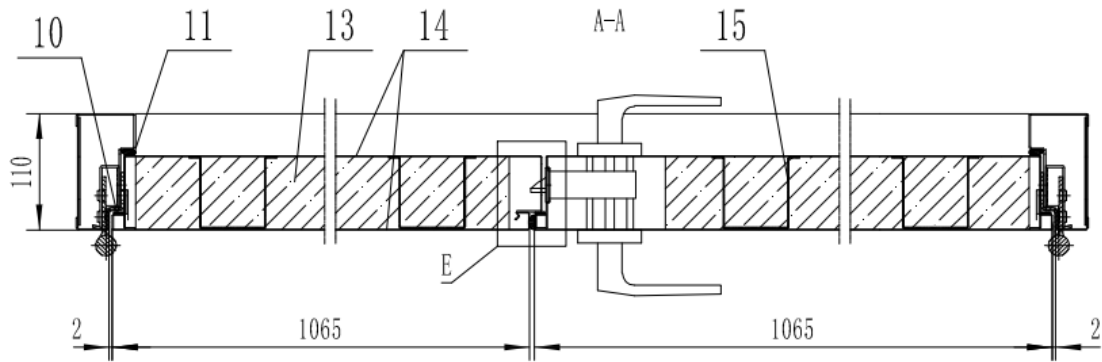


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Test Photos:



Sample drawing

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Test Photos:



Test set up

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APPENDIX: SAMPLE RECEIVED PHOTO



REPORT AUTHORIZED

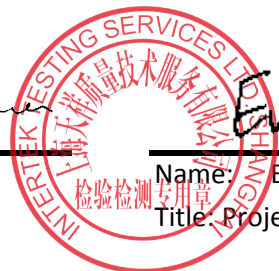
When signed with physical or electronic signature, the contents of this report have been prepared and approved per Intertek's quality process in accordance with ISO 17025.

Jodie Zhou

Name: Jodie Zhou
Title: Reviewer

Eryn Cui

Name: Eryn Cui
Title: Project Engineer



Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
180426004SHF-BP-6	2018/10/9	First issue	Eryn Cui	Jodie Zhou