

Latham's Security Doorsets Ltd

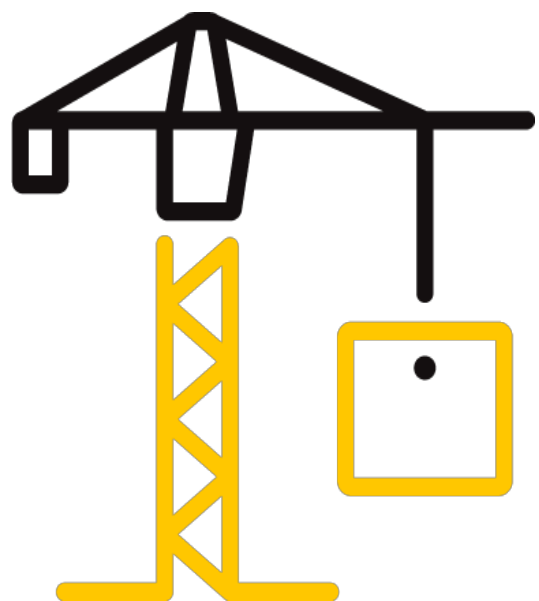
TEST REPORT

REPORT NUMBER
180426004SHF-BP-4

ISSUE DATE
2018/10/9

PAGES
7

DOCUMENT CONTROL NUMBER
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Test Report

Issue Date: 2018/10/9 Intertek Report No. 180426004SHF-BP-4

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.004	BF1/2NN****XA45	2200mm*2200mm

SAMPLE RECEIEVED: 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

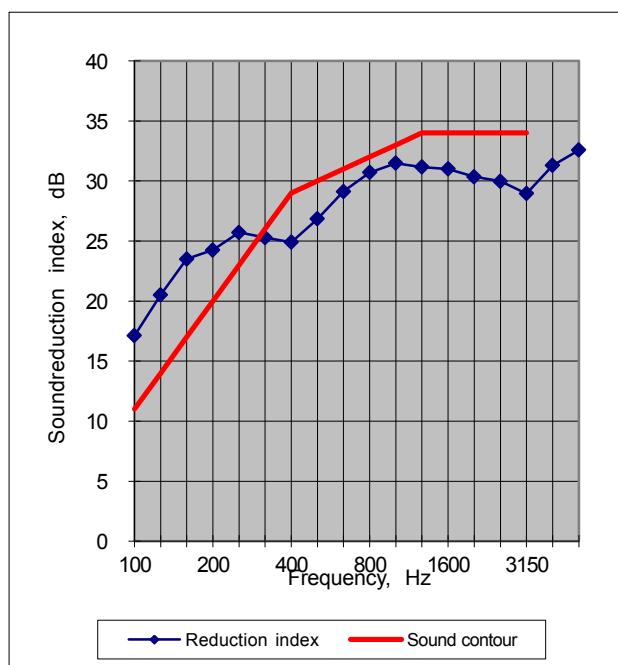
Relative Humidity: 70 %

Volume of the source room: 112 m³

Volume of the receiving room: 137 m³

Specimen area: 4.9 m² (detail drawing see Test Photos)

Frequency (Hz)	Sound Reduction Index, Ri (dB)
100	17.1
125	20.5
160	23.5
200	24.2
250	25.7
315	25.3
400	24.9
500	26.8
630	29.1
800	30.7
1000	31.5
1250	31.2
1600	31.0
2000	30.3
2500	30.0
3150	28.9
4000	31.3
5000	32.6



Rating according to ISO 717-1:2013

Weighted Sound reduction index	Rw(C;Ctr)=	30 (-1; -2)	dB
Spectrum A-weighted pink noise	C=	-1	dB
Spectrum A-weighted urban traffic noise	Ctr=	-2	dB

Note:

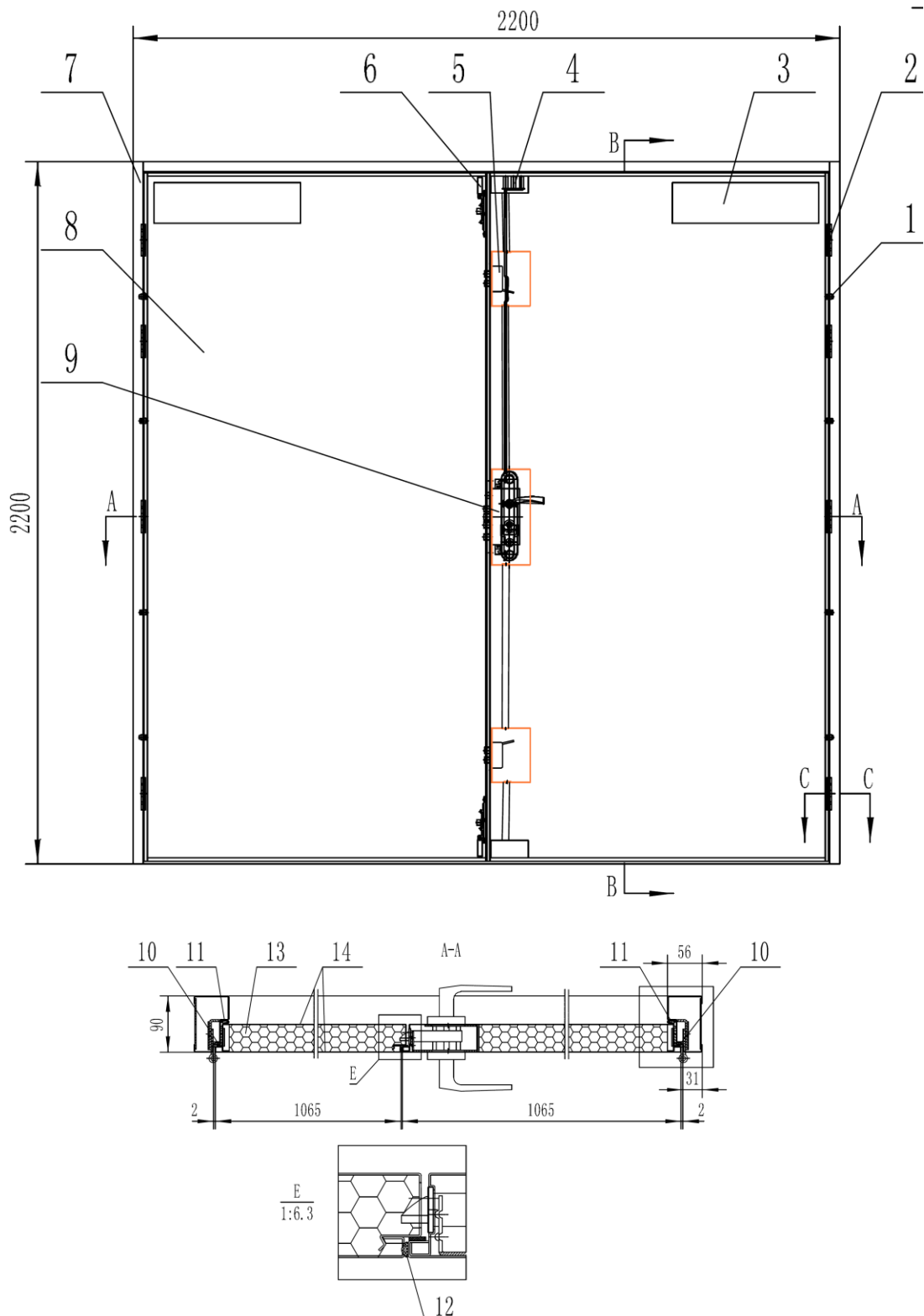
1. Evaluation based on laboratory measurement results obtained by an engineer method.

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Test Photos:

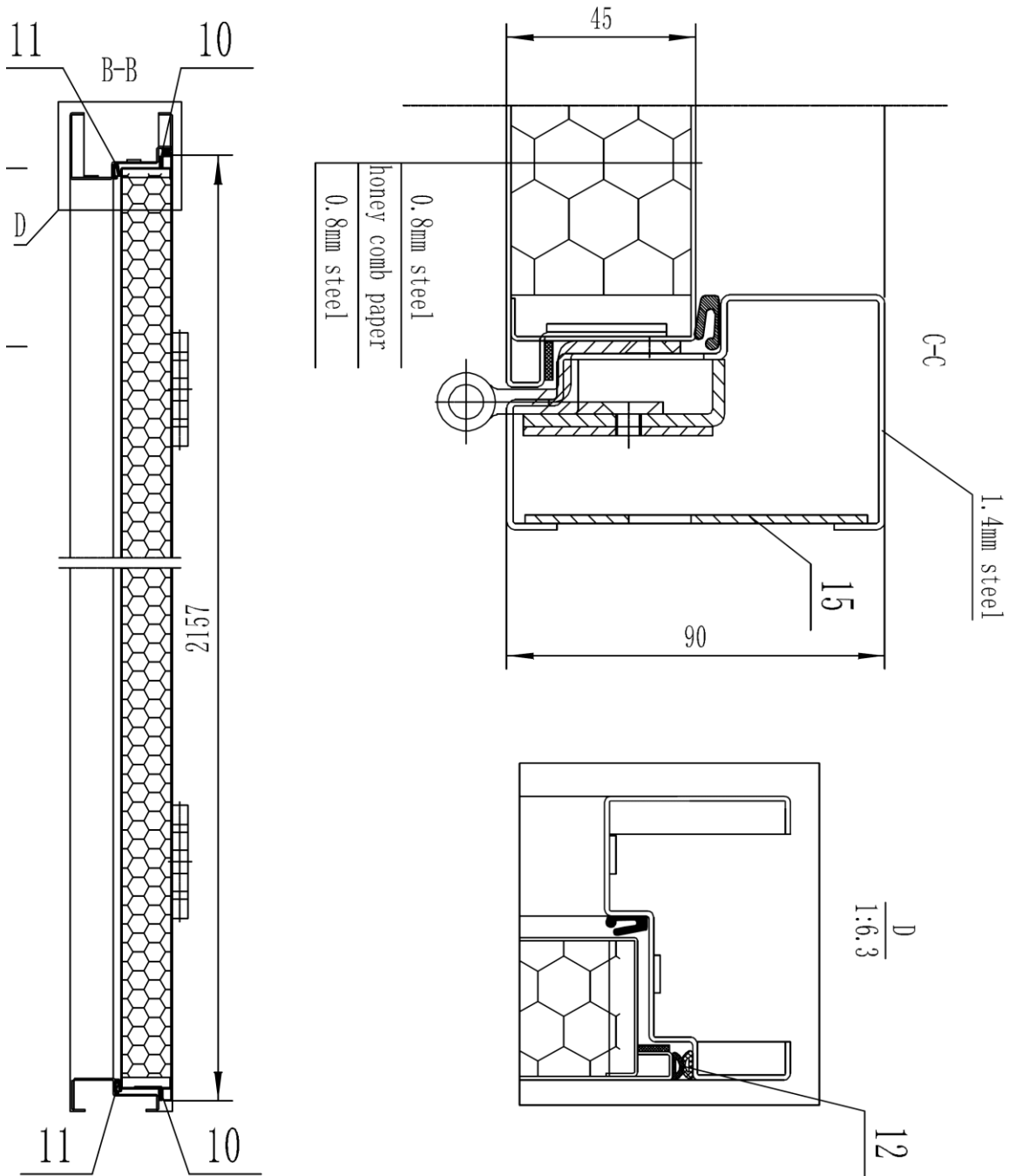


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Test Photos:



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 *Eryn Cui*
Name: Jodie Zhou Name: Eryn Cui
Title: Reviewer Title: Project Engineer



Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
180426004SHF-BP-4	2018/10/9	First issue	Eryn Cui	Jodie Zhou