

# Guangzhou MQ Acoustic Materials Co., Ltd

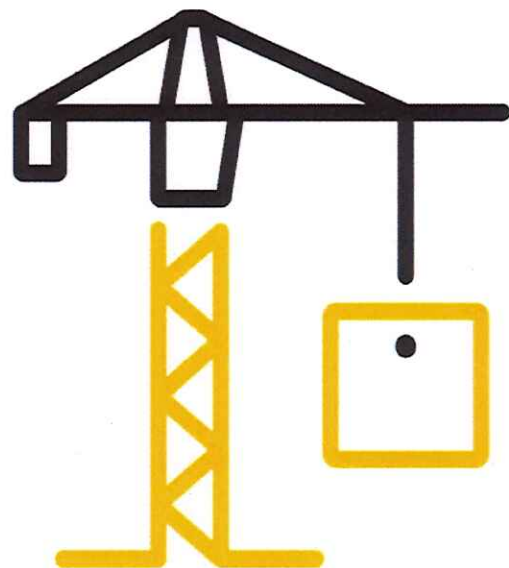
## TEST REPORT

**REPORT NUMBER**  
190109001SHF-001

**ISSUE DATE**  
2019/1/28

**PAGES**  
4

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# Test Verification of Conformity

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

Applicant Name & Address:	Guangzhou MQ Acoustic Materials Co., Ltd. KeZhu Business Building, Zhuji Road, TianHe District, GuangZhou, China.
Product Description:	Wood-wool acoustical panel
Ratings & Principle	<b>Class A</b>
Characteristics:	Flame spread index, FSI = 0, Smoke developed index, SDI = 35
Models/Type References:	/
Specification<s>/Standard<s>:	ASTM E84-16
Verification Issuing Office	Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch
Name & Address:	Plant 5, No. 6958 Daye Road, Fengxian District, Shanghai, China
Test Report Number<s>:	190109001SHF-001

As Specified in 803.1.2 of International Building Code (IBC) 2018:

CHAPTER 8 INTERIOR FINISHES

SECTION 803 WALL AND CEILING FINISHES

803.1.2 Interior wall and ceiling finish materials tested in accordance with ASTM E84 or UL 723. Interior wall and ceiling finish materials shall be classified in accordance with ASTM E84 or UL 723. Such interior finish materials shall be grouped in the following classes in accordance with their flame spread and smoke-developed indices.

Class A = Flame spread index 0-25; smoke developed index 0-450.

Class B = Flame spread index 26-75; smoke developed index 0-450.

Class C = Flame spread index 76-200; smoke developed index 0-450.



Signature

Name: Harrison Li

Position: Technical Supervisor

Date: 29/1/2019

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## Test Report

Issue Date: 2019/1/28

Intertek Report No. 190109001SHF-001

Applicant: Guangzhou MQ Acoustic Materials Co., Ltd.

Applicant Address: KeZhu Business Building, Zhuji Road, TianHe District, GuangZhou, China.

Attn: Vanessa

**SUBJECT:** Performance testing  
Wood-wool acoustical panel

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
S190109001SHF.001	25mm	7200*600*25mm

SAMPLE RECEIVED: 2019/1/9

TESTED FROM: 2019/1/21 TO 2019/1/24

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## Test Report

Issue Date: 2019/1/28

Intertek Report No. 190109001SHF-001

### Test Items, Method and Results:

ASTM E84-16 Standard Test Method for Surface Burning Characteristics of Building Materials

### Specimen Mounting Method:

The 23.92-ft. long test specimen consisted of three 7.97-ft. long x 23.62-in. wide x 0.98-in. thick "Wood-wool acoustical panel, model of 25mm".

The specimen was same on two sides.

The specimen was self-supporting.

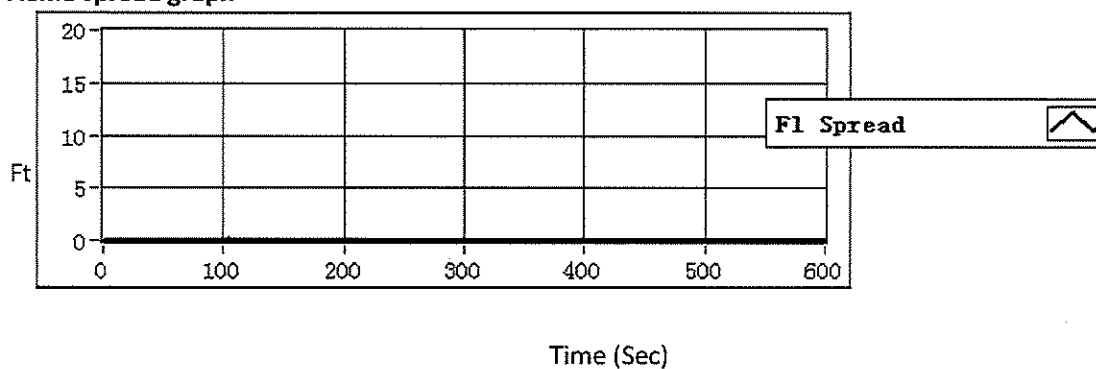
### Test Observation (min:sec)

Melting	Blistering	Transient Ignition	Steady Ignition	Flaming drops
/	/	/	/	/
Delamination	Sagging	Shrinkage	Falling	Floor Flame
/	/	/	/	/

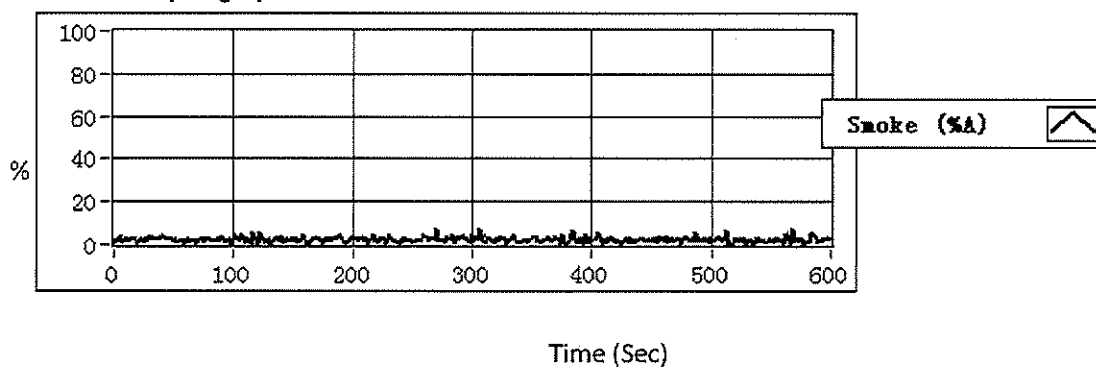
### Test Result

Flame Spread Index (FSI)	0	Smoke Developed Index(SDI)	35
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### Flame spread graph



### Smoke developed graph





## Test Report

Issue Date: 2019/1/28

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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.


  
 Name: Alan Yang      Name: Young Zhen  
 Title: Reviewer      Title: Project Engineer

### Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
190109001SHF-001	2019/1/28	First issue	Young Zhen	Alan Yang