

Foshan Vallen Decoration Materials Co., Ltd.

TEST REPORT

REPORT NUMBER

180322005SHF-BP-1

ISSUE DATE

2018/4/11

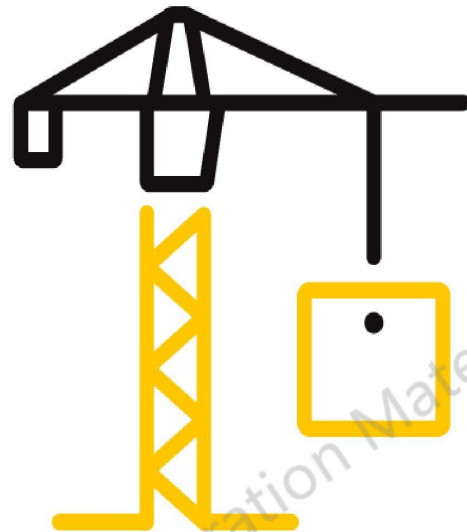
PAGES

4

DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10a

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Test Report

Issue Date: 2018/4/11 Intertek Report No. 180322005SHF-BP-1

Applicant: Foshan Vallen Decoration Materials Co., Ltd.

Applicant Address: 2nd,ChuangYe Road,XinJiao Industrial zone,DaLiang Shunde District,Foshan city
Guangdong Pr.China

Attn: Crystal

Manufacturer: Foshan Vallen Decoration Materials Co., Ltd.

Manufacturer Address: 2nd,ChuangYe Road,XinJiao Industrial zone,DaLiang Shunde District,Foshan city
Guangdong Pr.China**SUBJECT:** Performance testing
Aluminum core composite 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 |
|-----------------------|--------------|---------------|
| S180322005SHF-001~008 | 4mm(0.7,0.5) | / |
| | | |
| | | |

SAMPLE RECEIVED: 2018/3/22
TESTED FROM: 2018/3/22 TO 2018/3/29

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Test Items, Method and Results:

Test Method: ASTM E84-17a Standard Test Method for Surface Burning Characteristics of Building Materials

Specimen Mounting Method:

The 24.93-ft. long test specimen consisted of seven 3.28-ft. long x 23.62-in. wide x 0.16-in. thick and one 1.97-ft. long x 23.62-in. wide x 0.16-in. thick Aluminum core composite panel.

The specimen was marked front side and back side by sponsors, and front side was exposed to the fire.

The specimen was self-supporting.

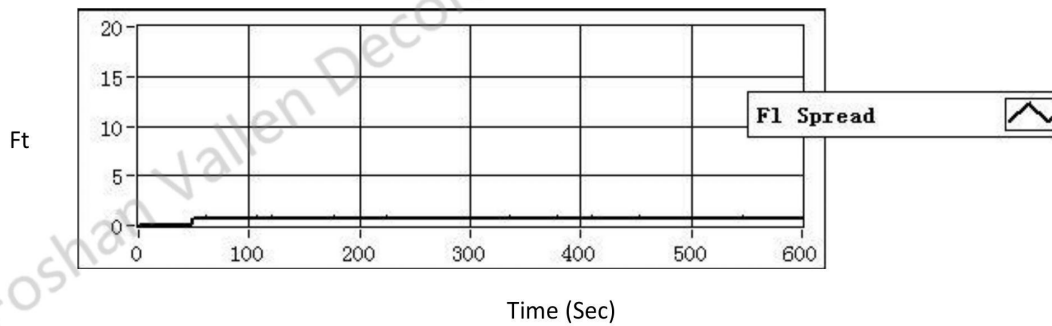
Test Observation (min:sec)

| Melting | Blistering | Transient Ignition | Steady Ignition | Flaming drops |
|--------------|------------|--------------------|-----------------|---------------|
| / | / | / | 0:45 | / |
| Delamination | Sagging | Shrinkage | Falling | Floor Flame |
| / | 3:07 | / | / | / |

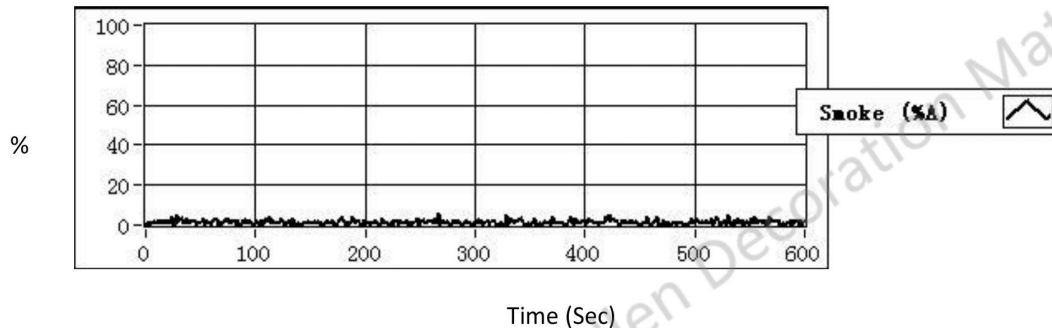
Test Result

| | | | |
|--------------------------|---|----------------------------|----|
| Flame Spread Index (FSI) | 5 | Smoke Developed Index(SDI) | 20 |
|--------------------------|---|----------------------------|----|

Flame spread graph



Smoke developed graph



Time (Sec)

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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: Harrison Li
Title: Reviewer


Name: Alan Yang
Title: Project Engineer



Revision:

| NO. | DATE | CHANGES | AUTHOR | REVIEWER |
|-------------------|-----------|-------------|-----------|-------------|
| 180322005SHF-BP-1 | 2018/4/11 | First issue | Alan Yang | Harrison Li |