

Grandview EA Building Systems Corp

TEST REPORT

SCOPE OF WORK

Aluminum composite panel

REPORT NUMBER

191204006SHF-001

TEST DATE(S)

2019-12-04 - 2019-12-24

ISSUE DATE

2019-12-24

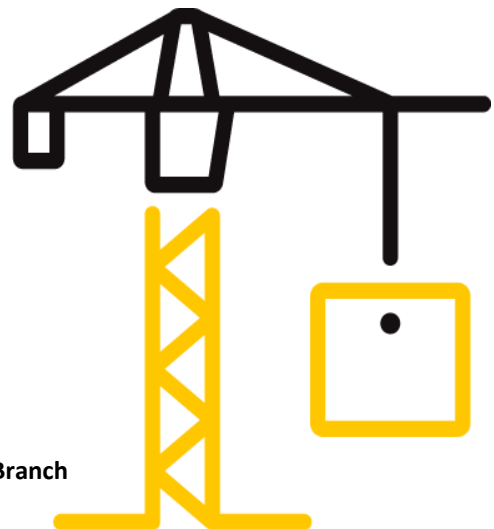
PAGES

5

DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(May 1, 2019)

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Test Report

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Test Report

Issue Date: 2019-12-24 Intertek Report No. 191204006SHF-001
 Applicant: Grandview EA Building Systems Corp
 Address: 570-999 West Broadway, Vancouver, BC V5Z 1K5, Canada
 Attn: Mr. Shinwoo Kim
 Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	Aluminum composite panel	Brand	ALUCOLAM
Sample Description	Good Condition	Sample Amount	8 pcs
		Received Date	2019-12-03
Sample ID	Model	Specification	
S191204006SHF.001	ALUCOLAM FR	4mm Thickness FR core	


Test Methods And Standards

Test Standard	ASTM E84-19b
Specification Standard	/
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: Tod Qian Name: Huth Huang
 Title: Reviewer Title: Project Engineer

Test Report

Issue Date: 2019-12-24

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Test Items, Method and Results:

Test Method: ASTM E84-19b Standard Test Method for Surface Burning Characteristics of Building Materials

Specimen Mounting Method:

The 24.02-ft. long test specimen was consisted of six 4.00-ft. long x 24.02-in. wide x 0.16-in. thick "Aluminum composite panel".

The color-coated surface was exposed to the fire.

The specimen was self-supported.

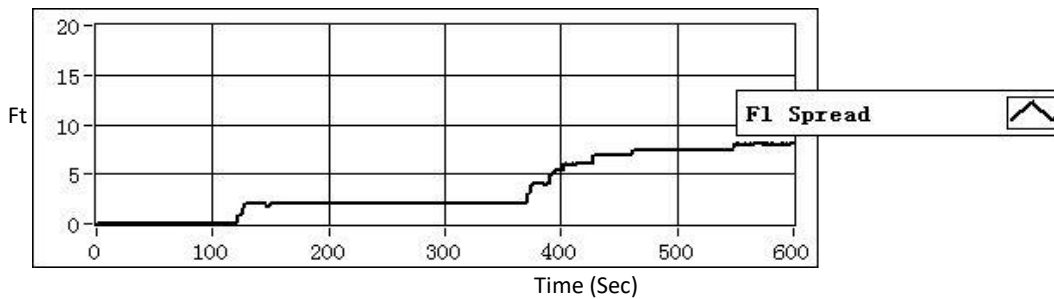
Test Observation (min:sec)

Melting	Blistering	Transient Ignition	Steady Ignition	Flaming drops
/	/	/	1:57	/
Delamination	Sagging	Shrinkage	Falling	Floor Flame
/	/	/	/	7:49

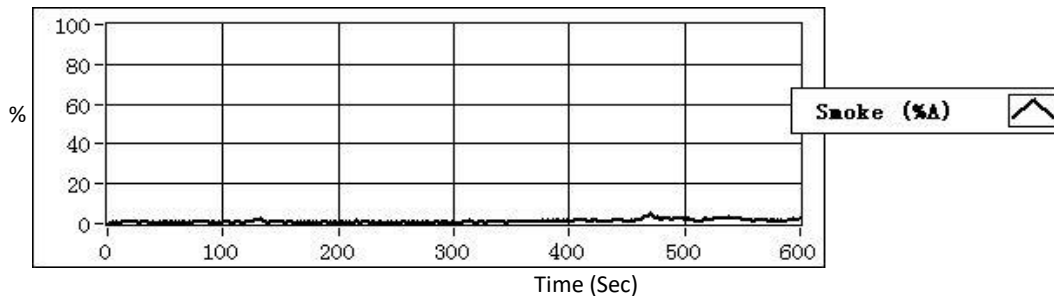
Test Result

Flame Spread Index (FSI)	20	Smoke Developed Index(SDI)	10
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Flame spread graph



Smoke developed graph



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Appendix A: Sample Received Photo



Front view (test side)



Back view

Revision:

NO.	Date	Changes	Author	Reviewer
191204006SHF-001	2019-12-24	First issue	Huth Huang	Tod Qian