

# FGM-PARALLEL LLC

## TEST REPORT

### SCOPE OF WORK

CAN/ULC-S114-2018; STANDARD METHOD OF TEST FOR DETERMINATION OF NON-COMBUSTIBILITY IN BUILDING MATERIALS ON C-B6 (6" CLADDING BOARD).

### REPORT NUMBER

106088609MID-004

### TEST DATE(S)

02/19/25

### ISSUE DATE [REVISED DATE]

02/20/25 N/A

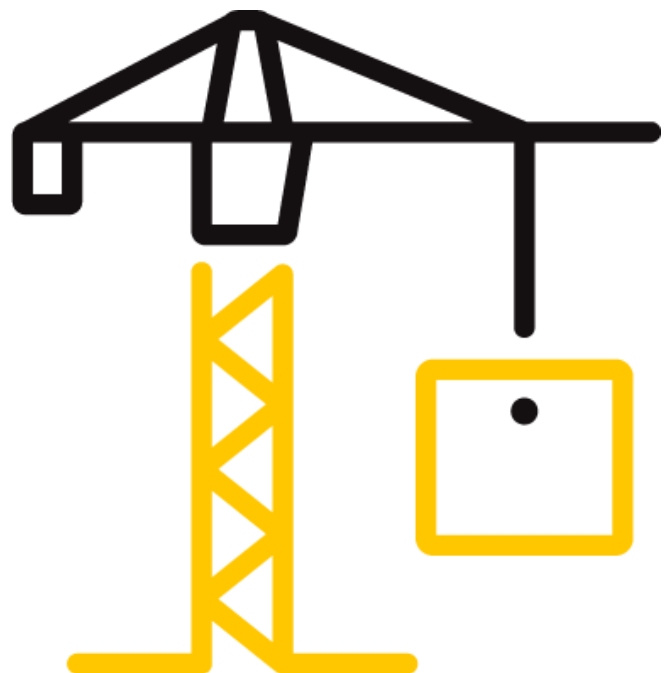
### PAGES

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### DOCUMENT CONTROL NUMBER

GFT-OP-10c (09/29/20)

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## TEST REPORT FOR FGM-PARALLEL LLC

Report No.: 106088609MID-004

Date: 02/20/25

### REPORT ISSUED TO

#### FGM-PARALLEL LLC

2750 S. Raritan Street  
Englewood, CO 80110

### SECTION 1

#### SCOPE

Intertek Testing Services NA, Inc. dba Intertek Building & Construction (B&C) was contracted by FGM-Parallel LLC, 2750 S. Raritan Street, Englewood, CO 80110 to perform testing in accordance with CAN/ULC-S114-2018; Standard Method of Test for Determination of Non-Combustibility in Building Materials, on their C-B6 (6" Cladding Board). Results obtained are tested values and were secured by using the designated test method(s). Testing was conducted at Intertek test facility in Middleton, WI.

Unless differently required, Intertek reports apply the "Simple Acceptance" rule also called "Shared Risk approach," of ILAC-G8:09/2019, Guidelines on Decision Rules and Statements of Conformity.


Intertek B&C will service this report for the entire test record retention period. The test record retention period ends four years after the test date. Test records, such as detailed drawings, datasheets, representative samples of test specimens (where required by Certification or Accreditation bodies), or other pertinent project documentation, will be retained for the entire test record retention period.

### SECTION 2

#### SUMMARY OF TEST RESULTS

C-B6 (6" Cladding Board) met the specified performance requirements.

For INTERTEK B&C:

<b>COMPLETED BY:</b>	Joel Zumwalt	<b>REVIEWED BY:</b>	Sandy Osborne
<b>TITLE:</b>	Lab Technician II	<b>TITLE:</b>	Associate Engineer
<b>SIGNATURE:</b>		<b>SIGNATURE:</b>	
<b>DATE:</b>	02/20/25	<b>DATE:</b>	02/20/25

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### SECTION 3

#### TEST METHOD(S)

The specimens were evaluated in accordance with the following:

**CAN/ULC-S114-2018**; *Standard Method of Test for Determination of Non-Combustibility in Building Materials*

### SECTION 4

#### MATERIAL SOURCE/INSTALLATION

Test samples were provided by the client. The results outlined in this report apply to the sample as received. Samples were received at the Evaluation Center on February 7, 2025 and February 14, 2025 in good condition verified by Sample ID# MID2502071524-001 and MID2502140808-001.

### SECTION 5

#### EQUIPMENT

EQUIPMENT			
ASSET # - DESCRIPTION:	Furnace-1230	VBU:	2/19/2025
ASSET # - DESCRIPTION:	Stopwatch- 1580	CALIBRATION DUE:	7/9/2025
ASSET # - DESCRIPTION:	Calliper- 1098	CALIBRATION DUE:	1/10/2026
ASSET # - DESCRIPTION:	Scale- 1396	CALIBRATION DUE:	4/3/2025
ASSET # - DESCRIPTION:	Oven- 1200	CALIBRATION DUE:	FRO
ASSET # - DESCRIPTION:	Oven Logger- 701	CALIBRATION DUE:	1/10/2026
ASSET # - DESCRIPTION:	Temp/Humidity Reader Sample Rm- 1451	CALIBRATION DUE:	3/12/2025
ASSET # - DESCRIPTION:	Temp/Humidity Reader- 1374	CALIBRATION DUE:	10/14/2025
ASSET # - DESCRIPTION:	DAQ- 1437	CALIBRATION DUE:	10/3/2025

### SECTION 6

#### TEST PROCEDURE

Testing was conducted in accordance with Section 5, Procedure of the standard.

### SECTION 7

#### TEST CRITERIA

Material subjected to the test described in Section 5, Procedure, shall be reported as non-combustible, if:

- A) The mean of the maximum temperature rise for the three (or more) specimens of the sample during the test shall not exceed 36 °C; and
- B) There is no flaming of any of the three (or more) specimens during the last 14 min and 30 s of the test; and
  - (I) The maximum loss of mass of any of the three (or more) specimens during the test shall not exceed 20 %; or

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- (II) The maximum loss of mass of any of the three (or more) specimens during the test shall not exceed 22 % and the following two criteria are met for any of the three (or more) specimens during the test:
- A) The indicating thermocouple T<sup>1</sup> shall not rise above the stabilized furnace temperature T<sup>2</sup> at any time during the test; and
  - B) No flaming from the specimens shall be observed at any time during the test.

### SECTION 8

#### TEST SPECIMEN DESCRIPTION

Samples were received as rectangular metal pieces silver in color measuring approximately 51 mm by 38 mm by 1.5 mm. These pieces were conditioned at 60°C for not less than 24 hours then cooled to room temperature in a desiccator by Intertek prior to testing. 25 pieces were then stacked side by side to generate a specimen width of approximately 38 mm and four specimens were randomly selected for testing by Intertek.

### SECTION 9

#### TEST RESULTS

RESULTS TABLE					
Specimen	Initial Weight (g)	Final Weight (g)	Weight Loss (%)	Maximum Specimen Indicating	Flaming After 30 seconds of testing Yes/No
1	190.78	190.75	0.0%	714.5	No
2	190.20	190.19	0.0%	712.8	No
3	191.31	191.29	0.0%	713.2	No
4	190.05	190.03	0.0%	712.0	No
Average	190.59	190.57	0.0%	713.1	N/A

OBSERVATIONS	
Specimen	
1	Specimen exhibited no flaming or smoke for entire test run. Upon extraction from furnace specimen appear to have no change in state.
2	Specimen exhibited no flaming or smoke for entire test run. Upon extraction from furnace specimen appear to have no change in state.
3	Specimen exhibited no flaming or smoke for entire test run. Upon extraction from furnace specimen appear to have no change in state.
4	Specimen exhibited no flaming or smoke for entire test run. Upon extraction from furnace specimen appear to have no change in state.

SUMMARY RESULTS	1	2	3	4
Difference of Stabilized Indicating Temp (T1) with Specimen Maximum Indicating Temp T1 (°C)	2.6	0.9	1.3	0.1
Average Difference of Stabilized Indicating Temp (T1) with Specimen Maximum Indicating Temp T1 (°C)	1.2			

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### SECTION 10

#### CONCLUSION

The maximum loss of mass of any specimen did not exceed 20%. The mean of the maximum temperature rise of the specimens did not exceed 36°C. There was no flaming from the test specimens during the last 14min and 30s of the test.

C-B6 (6" Cladding Board) met the specified performance requirements.

### SECTION 11

#### REVISION LOG

REVISION #	DATE	SECTION	REVISION
0	02/20/25	N/A	Original Report Issue