

# FUNDERMAX GMBH TEST REPORT

## SCOPE OF WORK

REPORT OF TESTING ON 10MM THICK MAX COMPACT INTERIOR F QUALITY PANELS FOR COMPLIANCE WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING CRITERIA: CAN/ULC S102-18-(R2024) STANDARD METHOD OF TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS AND ASSEMBLIES.

## REPORT NUMBER

106220061COQ-001C R0

## TEST DATE(S)

09/15/25 - 09/15/25

## ISSUE DATE

09/22/25

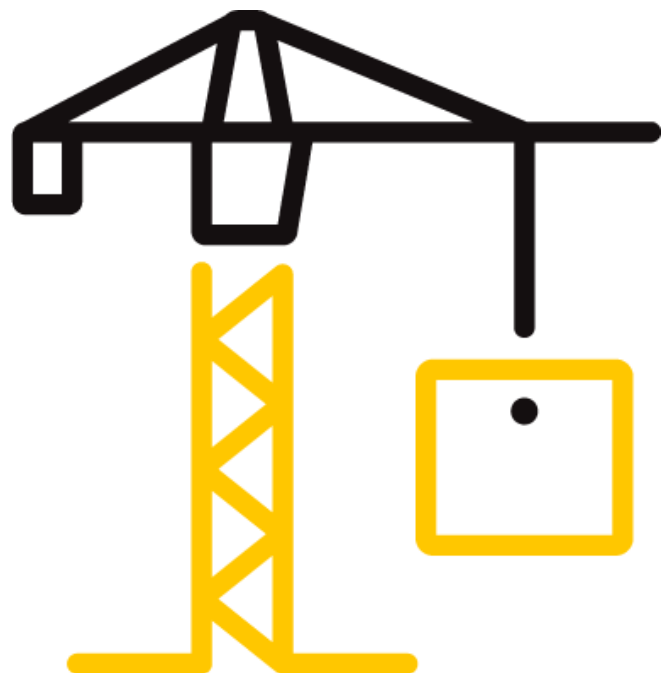
## PAGES

15

## DOCUMENT CONTROL NUMBER

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

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## TEST REPORT FOR FUNDERMAX GMBH

Report No.: 106220061COQ-001C R0

Date: 09/22/25

### REPORT ISSUED TO

**FUNDERMAX GMBH**  
**KLAGENFURTER STRASSE 87-89**  
**A-9300 ST VEIT/GLAN**  
**AUSTRIA**

### SECTION 1

#### SCOPE

Intertek Building & Construction (B&C) was contracted by FunderMax GMBH Klagenfurter Strasse 87-89 A-9300 St Veit/Glan Austria to perform testing in accordance with CAN/ULC S102-18 - (R2024) Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies on 10mm thick Max Compact Interior F Quality Panels. Results obtained are tested values and were secured by using the designated test method(s). Testing was conducted at Intertek Testing Services NA Ltd. (Intertek) test facility in Coquitlam, BC Canada.

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.

### SECTION 2

#### SUMMARY OF TEST RESULTS

The samples of 10mm thick Max Compact Interior F Quality Panels submitted by FunderMax GMBH were tested in accordance with CAN/ULC S102-18-(R2024) Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.

The product test results are presented in Section 10 of this report.

For INTERTEK B&C:

|                      |                                                                                     |
|----------------------|-------------------------------------------------------------------------------------|
| <b>COMPLETED BY:</b> | Sean Fewer                                                                          |
| <b>TITLE:</b>        | Technician – B&C                                                                    |
| <b>SIGNATURE:</b>    |  |
| <b>DATE:</b>         | 09/22/25                                                                            |

|                     |                                                                                       |
|---------------------|---------------------------------------------------------------------------------------|
| <b>REVIEWED BY:</b> | Greg Philp                                                                            |
| <b>TITLE:</b>       | Reviewer- B&C                                                                         |
| <b>SIGNATURE:</b>   |  |
| <b>DATE:</b>        | 09/22/25                                                                              |

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**SECTION 3****TEST METHOD(S)**

The specimens were evaluated in accordance with the following:

**CAN/ULC S102-18-(R2024) Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.**

**SECTION 4****MATERIAL SOURCE/INSTALLATION**

Samples were submitted to Intertek directly from the client and were not independently selected for testing and Intertek accepts no responsibility for any inaccuracies provided.

**SECTION 5****EQUIPMENT**

| ASSET # | DESCRIPTION         | MODEL             | CAL DUE DATE |
|---------|---------------------|-------------------|--------------|
| WH2189  | Photocell           | Huygen 856        | 05/15/26     |
| WH 2190 | Smoke Opacity Meter | Huygen            | 05/15/26     |
| WH 2494 | Data Logger         | Phidgets DAQ 2020 | 11/06/25     |
|         | FS Tunnel (S102)    | N/A               | 12/23/25     |

**SECTION 6****LIST OF OFFICIAL OBSERVERS**

| NAME       | COMPANY      |
|------------|--------------|
| Sean Fewer | Intertek B&C |

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**SECTION 7****TEST CALCULATIONS**

The results of the tests are expressed by indexes, which compare the characteristics of the sample under tests relative to that of select grade red oak flooring and inorganic-cement board.

**(A) Flame Spread Rating:**

This index relates to the rate of progression of a flame along a sample in the 7620 mm tunnel. A natural gas flame is applied to the front of the sample at the start of the test and drawn along the sample by a draft kept constant for the duration of the test. An observer notes the progression of the flame front relative to time.

The test apparatus is calibrated such that the flame front for red oak flooring passes out the end of the tunnel in five minutes, thirty seconds (plus or minus 15 seconds).

**(B) Smoke Developed:**

A photocell is used to measure the amount of light, which is obscured by the smoke passing down the tunnel duct. When the smoke from a burning sample obscures the light beam, the output from the photocell decreases. This decrease with time is recorded and compared to the results obtained for red oak, which is defined to be 100.

**SECTION 8****TEST SPECIMEN DESCRIPTION**

Upon receipt of the samples at the Intertek Coquitlam laboratory they were placed in a conditioning room where they remained in an atmosphere of  $23 \pm 3^{\circ}\text{C}$  ( $73.4 \pm 5^{\circ}\text{F}$ ) and  $50 \pm 5\%$  relative humidity.

The sample material measured 610mm wide by 3657mm long and was identified as 10mm thick Max Compact Interior F Quality Panels.

For each trial run, two 610mm wide by 3657mm long sample material were placed on the upper ledge of the flame spread tunnel to form the required 7315mm sample length. A layer of 6mm reinforced cement board was placed over top of the samples, the tunnel lid was lowered into place, and the samples were then tested in accordance with CAN/ULC S102-18 at a room temperature of  $22^{\circ}\text{C}$  and 53% humidity.

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### SECTION 9

#### TEST RESULTS

##### (A) Flame Spread

The resultant flame spread ratings are as follows:

(Rating rounded to nearest 5)

| 10mm thick Max Compact Interior F Quality Panels | Flame Spread | Flame Spread Rating |
|--------------------------------------------------|--------------|---------------------|
| Run 1                                            | 0            | 0                   |
| Run 2                                            | 0            |                     |
| Run 3                                            | 0            |                     |

##### (B) Smoke Developed

The areas beneath the smoke developed curve and the related classifications are as follows:

(Classification rounded to nearest 5)

| 10mm thick Max Compact Interior F Quality Panels | Smoke Developed | Smoke Developed Classification |
|--------------------------------------------------|-----------------|--------------------------------|
| Run 1                                            | 63              | 65                             |
| Run 2                                            | 64              |                                |
| Run 3                                            | 63              |                                |

##### (C) Observations

During the test runs, there was no visible surface ignition.

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**SECTION 10****CONCLUSION**

The samples of 10mm thick Max Compact Interior F Quality Panels submitted by FunderMax GMBH exhibited the following flame spread characteristics when tested in accordance with CAN/ULC S102-18-(R2024) Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.

A series of three test runs of material was conducted to conform to the requirements of the National Building Code of Canada.

| Sample Material                                  | Flame Spread Rating | Smoke Developed Classification |
|--------------------------------------------------|---------------------|--------------------------------|
| 10mm thick Max Compact Interior F Quality Panels | 0                   | 65                             |

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.



Total Quality. Assured.

**TEST REPORT FOR FUNDERMAX GMBH**

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Date: 09/22/25

1500 Brigantine Drive  
Coquitlam, BC V3K 7C1

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**SECTION 11**

**TEST DATA (6 PAGES)**

# TEST REPORT FOR FUNDERMAX GMBH

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## CAN/ULC S102-18 DATA SHEETS

### Run 1

Page 1 of 2

**Standard:** ULC S102

Lab ID: Intertek Coquitlam Fire Laboratory

Client: Fundermax

Date: 15 Sep 2025

Project Number: 106220061

Test Number: 1

Operator: Sean Fewer

Specimen ID and Description:

10mm max compact interior F Quality

21c 54rh

### TEST RESULTS

FLAMESPREAD INDEX: 0.000

SMOKE DEVELOPED INDEX: 63.000

### SPECIMEN DATA

Time to Ignition (sec): 0.000

Time to Max Flame Spread (min): 0.000

Maximum Flame Spread (mm): 0.000

Time to 527 C / 980 F (sec): 0.000

Max Temperature (deg F or C as per test standard): 275.221

Time to Max Temperature (sec): 598.798

Total Fuel Burned (cubic feet): 41.704

Flame Spread\*Time Area (M\*min): 0.000

Smoke Area (%A\*min): 91.168

Unrounded FSI: 0.000

Unrounded SDI: 63.168

### CALIBRATION DATA

Time to Ignition of Last Red Oak (sec): 43

Calibrated Smoke Area (%A\*min): 144.326

15 point Heptane average for E84-19b  
5 point Red Oak average for S102

Tested by: SF

Reviewed by: SP



# TEST REPORT FOR FUNDERMAX GMBH

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## CAN/ULC S102-18 DATA SHEETS

### Run 1

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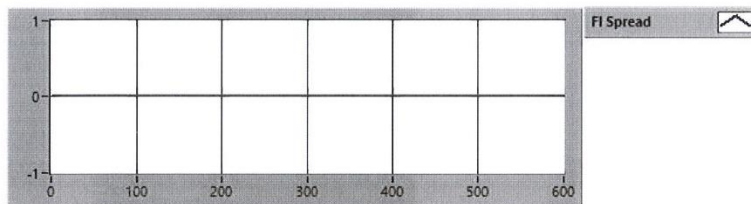
Client: Fundermax

Project Number: 106220061

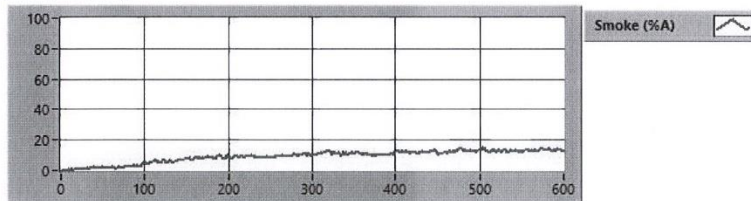
Test Number: 1

Test Standard: ULC S102

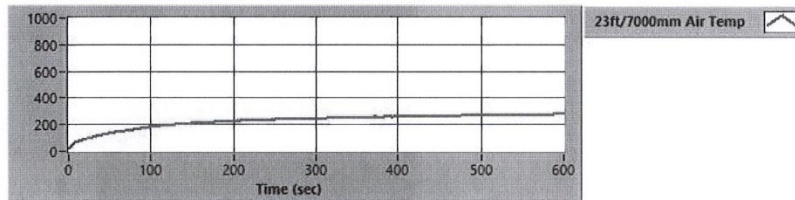
#### FLAME SPREAD



#### SMOKE (%A)



#### TEMPERATURE



Tested by: S.F.

Reviewed by: SP

# TEST REPORT FOR FUNDERMAX GMBH

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## CAN/ULC S102-18 DATA SHEETS

### Run 2

Page 1 of 2

**Standard:** ULC S102

Lab ID: Intertek Coquitlam Fire Laboratory  
Client: Fundermax  
Date: 15 Sep 2025  
Project Number: 106220061  
Test Number: 2  
Operator: Sean Fewer

Specimen ID and Description:

10mm max compact interior F quality

#### TEST RESULTS

FLAMESPREAD INDEX: 0.000  
SMOKE DEVELOPED INDEX: 64.000

#### SPECIMEN DATA

Time to Ignition (sec): 0.000  
Time to Max Flame Spread (min): 0.000  
Maximum Flame Spread (mm): 0.000  
Time to 527 C / 980 F (sec): 0.000  
Max Temperature (deg F or C as per test standard): 281.759  
Time to Max Temperature (sec): 598.809  
Total Fuel Burned (cubic feet): 41.635  
  
Flame Spread\*Time Area (M\*min): 0.000  
Smoke Area (%A\*min): 91.910  
Unrounded FSI: 0.000  
Unrounded SDI: 63.682

#### CALIBRATION DATA

Time to Ignition of Last Red Oak (sec): 43  
Calibrated Smoke Area (%A\*min): 144.326

15 point Heptane average for E84-19b  
5 point Red Oak average for S102

Tested by: SE

Reviewed by: SP

# TEST REPORT FOR FUNDERMAX GMBH

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## CAN/ULC S102-18 DATA SHEETS

### Run 2

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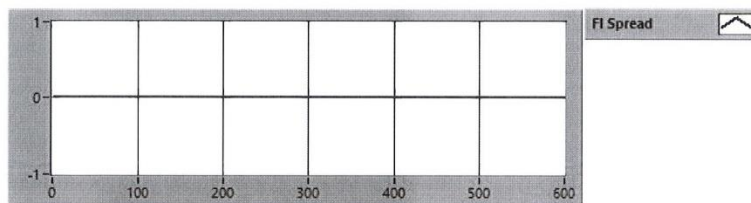
Client: Fundermax

Project Number: 106220061

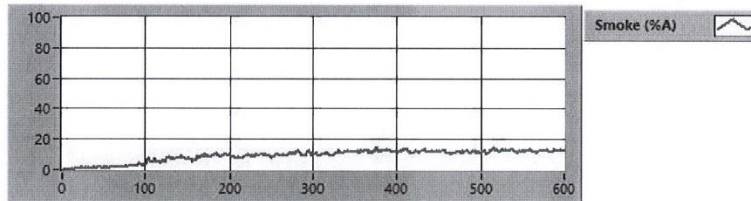
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Test Standard: ULC S102

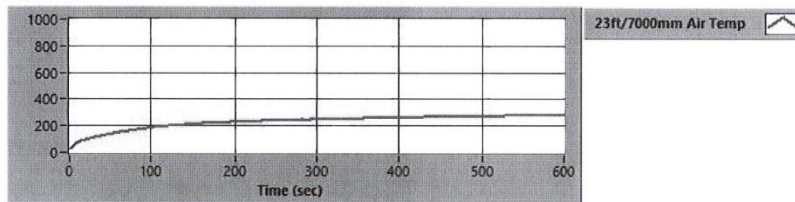
#### FLAME SPREAD



#### SMOKE (%A)



#### TEMPERATURE



Tested by: S.F.

Reviewed by: gp

# TEST REPORT FOR FUNDERMAX GMBH

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## CAN/ULC S102-18 DATA SHEETS

### Run 3

Page 1 of 2

**Standard:** ULC S102

Lab ID: Intertek Coquitlam Fire Laboratory  
Client: Fundermax  
Date: 15 Sep 2025  
Project Number: 106220061  
Test Number: 3  
Operator: Sean Fewer

Specimen ID and Description:

10mm max compact interior F quality

#### TEST RESULTS

FLAMESPREAD INDEX: 0.000  
SMOKE DEVELOPED INDEX: 63.000

#### SPECIMEN DATA

Time to Ignition (sec): 0.000  
Time to Max Flame Spread (min): 0.000  
Maximum Flame Spread (mm): 0.000  
Time to 527 C / 980 F (sec): 0.000  
Max Temperature (deg F or C as per test standard): 288.693  
Time to Max Temperature (sec): 598.706  
Total Fuel Burned (cubic feet): 41.735  
  
Flame Spread\*Time Area (M\*min): 0.000  
Smoke Area (%A\*min): 91.599  
Unrounded FSI: 0.000  
Unrounded SDI: 63.467

#### CALIBRATION DATA

Time to Ignition of Last Red Oak (sec): 43  
Calibrated Smoke Area (%A\*min): 144.326

15 point Heptane average for E84-19b  
5 point Red Oak average for S102

Tested by: SF

Reviewed by: SP

## TEST REPORT FOR FUNDERMAX GMBH

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### CAN/ULC S102-18 DATA SHEETS

#### Run 3

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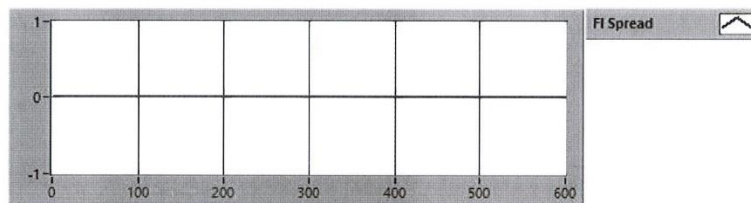
Client: Fundermax

Project Number: 106220061

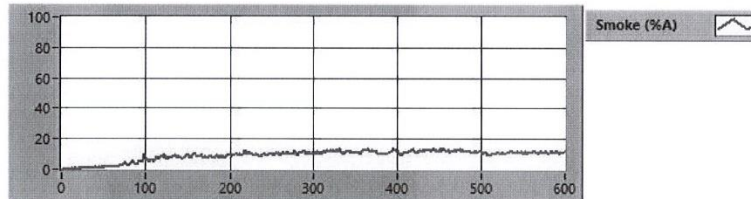
Test Number: 3

Test Standard: ULC S102

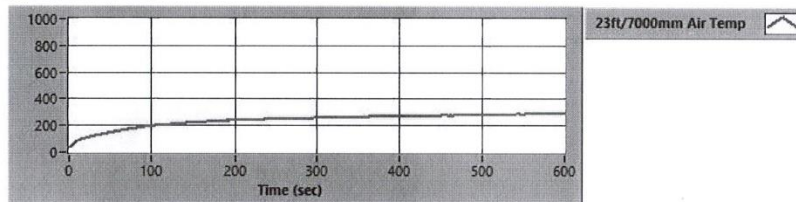
#### FLAME SPREAD



#### SMOKE (%A)



#### TEMPERATURE



Tested by: S.F.

Reviewed by: g

## TEST REPORT FOR FUNDERMAX GMBH

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### SECTION 12

#### PHOTOGRAPHS



**Photo No. 1**  
**Pre-Test**



**Photo No. 2**  
**Post Test**



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### SECTION 13

#### REVISION LOG

| REVISION # | DATE     | PAGES | REVISION              |
|------------|----------|-------|-----------------------|
| 0          | 09/22/25 | N/A   | Original Report Issue |