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FUNDERMAX GMBH
TEST REPORT

SCOPE OF WORK
REPORT OF TESTING ON 8MM THICK MAX COMPACT INTERIOR 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.

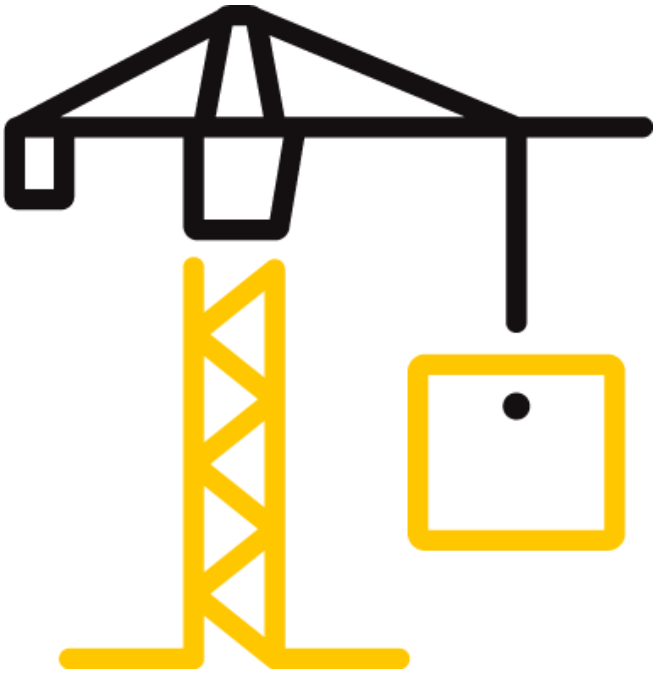
REPORT NUMBER
106220061COQ-001B R0

TEST DATE(S)
09/15/25 - 09/16/25

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
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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 8mm thick Max Compact Interior 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 8mm thick Max Compact Interior 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:

COMPLETED BY:	Sean Fewer	**REVIEWED BY:**	Greg Philp
TITLE:	Technician – B&C	**TITLE:**	Reviewer- B&C
SIGNATURE:		**SIGNATURE:**	
DATE:	09/22/25	**DATE:**	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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Coquitlam, BC V3K 7C1

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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°C (73.4 $\pm$ 5°F) and 50 $\pm$ 5% relative humidity.

The sample material measured 610mm wide by 3657mm long and was identified as 8mm thick Max Compact Interior Panels.

For each trial run, two 610mm wide by 1220mm 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 °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)

8mm thick Max Compact Interior 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)

8mm thick Max Compact Interior Panels	Smoke Developed	Smoked Developed Classification
Run 1	92	95
Run 2	99	
Run 3	87	

(C) Observations

During the test runs, surface ignition occurred at 495 seconds; the flame then began to progress along the sample length until it reached the maximum flame spread.

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SECTION 10
CONCLUSION

The samples of 8mm thick Max Compact Interior 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
8mm thick Max Compact Interior Panels	0	95

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.

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TEST DATA (6 PAGES)

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TEST REPORT FOR FUNDERMAX GMBH
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CAN/ULC S102-18 DATA SHEETS
Run 1

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:

8 mm interior max compact

TEST RESULTS

FLAMESPREAD INDEX: 0.000
SMOKE DEVELOPED INDEX: 92.000

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): 263.665
Time to Max Temperature (sec): 595.186
Total Fuel Burned (cubic feet): 41.831

Flame Spread*Time Area (M*min): 0.000
Smoke Area (%A*min): 133.497
Unrounded FSI: 0.000
Unrounded SDI: 92.496

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: [signature]

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TEST REPORT FOR FUNDERMAX GMBH
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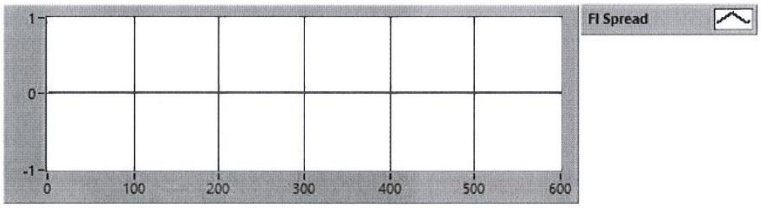
Date: 09/22/25

CAN/ULC S102-18 DATA SHEETS
Run 1

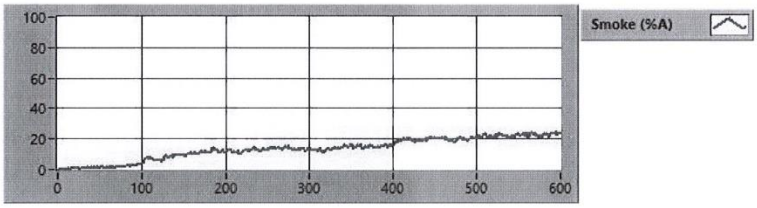
Client: Fundermax | Project Number: 106220061

Test Number: 1 | Test Standard: ULC S102

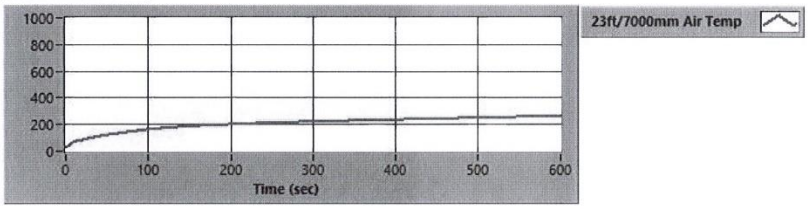
FLAME SPREAD



SMOKE (%A)



TEMPERATURE



Tested by: S.F. Reviewed by:

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CAN/ULC S102-18 DATA SHEETS
Run 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:

8mm interior

TEST RESULTS

FLAMESPREAD INDEX: 0.000
SMOKE DEVELOPED INDEX: 99.000

SPECIMEN DATA

Time to Ignition (sec): 494.659
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): 263.962
Time to Max Temperature (sec): 591.659
Total Fuel Burned (cubic feet): 41.797

Flame Spread*Time Area (M*min): 0.000
Smoke Area (%A*min): 142.855
Unrounded FSI: 0.000
Unrounded SDI: 98.980

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: [signature]

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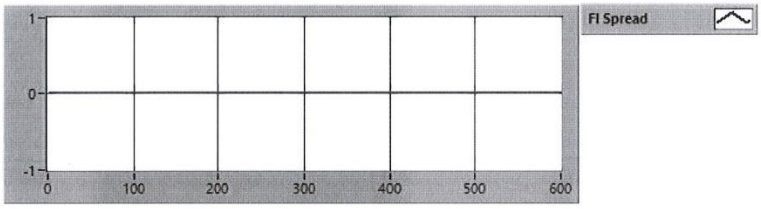
CAN/ULC S102-18 DATA SHEETS
Run 2

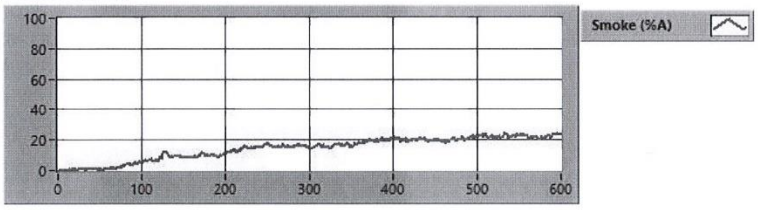
Client: Fundermax | Project Number: 106220061

Test Number: 2 | Test Standard: ULC S102

FLAME SPREAD



SMOKE (%A)



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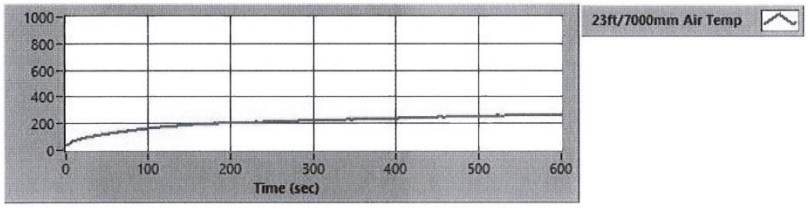

Tested by: S.F. Reviewed by:

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CAN/ULC S102-18 DATA SHEETS
Run 3

Standard: ULC S102

Lab ID: Intertek Coquitlam Fire Laboratory
Client: Fundermax
Date: 16 Sep 2025
Project Number: 106220061
Test Number: 3
Operator: Sean Fewer

Specimen ID and Description:

8mm interior

TEST RESULTS

FLAMESPREAD INDEX: 0.000
SMOKE DEVELOPED INDEX: 87.000

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): 273.260
Time to Max Temperature (sec): 596.764
Total Fuel Burned (cubic feet): 41.626

Flame Spread*Time Area (M*min): 0.000
Smoke Area (%A*min): 126.033
Unrounded FSI: 0.000
Unrounded SDI: 87.325

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: S.F. Reviewed by:

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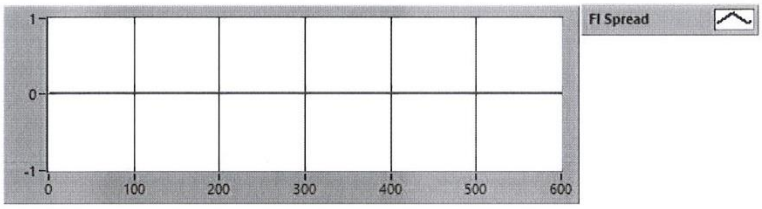
CAN/ULC S102-18 DATA SHEETS
Run 3

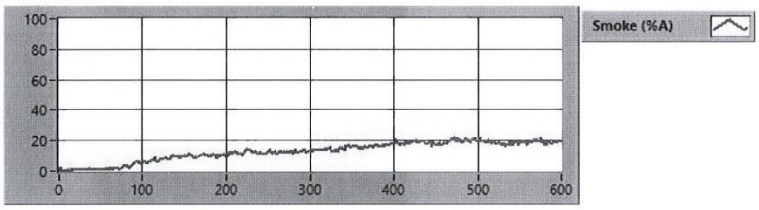
Client: Fundermax | Project Number: 106220061

Test Number: 3 | Test Standard: ULC S102

FLAME SPREAD



SMOKE (%A)



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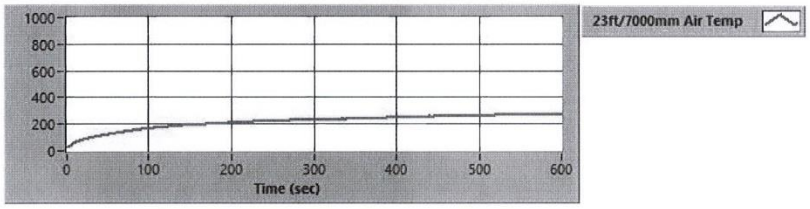

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SECTION 12
PHOTOGRAPHS

Photo No. 1
Pre-Test

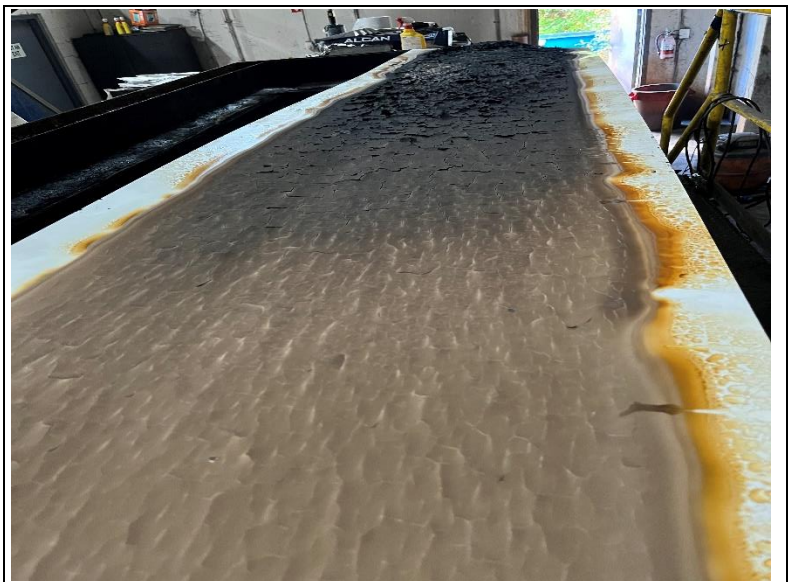

Photo No. 2
Post Test

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SECTION 13
REVISION LOG

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