Docusign Envelope ID: B216A219-DD48-45C7-8CB2-7FD204DAE187

SGS

Tested For:	**Holly Parker**	**Phone:**	**+ 44 (0) 1924 48136**	**Received:**	**11/21/2025**
	Camira Fabrics Ltd.	**Fax:**		**Completed:**	**12/4/2025**
	Meltham Mills - Meltham, West Yorkshire	**Mobile:**		**Code:**	**D**
		PO#:	**2025-11-202**	**Test Report:**	**3-61140-0**
		Email:			
	UK				

Key Test: **CAN/ULC-S102** 2745

Client's Identification:

Pattern Name: SYNERGY. Finish: FR Treatment (Z). Color: HLDS16.

LE: 2018 V 02/23 BG PC: ME CODE: I=1520 F=3230 CLEAN=1105 /dv

TEST PERFORMED: CAN/ULC-S102-18 - Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies

TEST CONDUCTED:

☐ Indicative
☒ Formal

PRODUCT CATEGORY: ☐ Composite Panel Material
☒ Textile Type Product
☐ Vinyl Type Product

BRIEF DESCRIPTION OF TEST METHOD: The method is designed to determine the relative burning characteristics of materials under specific test conditions. Results of less than three identical specimens are expressed in terms of Flame Spread Value (FSV) and Smoke Developed Value (SDV). Results of three or more replicate tests on identical specimens produce average values expressed as Flame Spread Rating (FSR) and Smoke Developed Classification (SDC).

SUMMARY OF TEST PROCEDURE: The tunnel is preheated to 85°C, as measured by the backwall-embedded thermocouple located 7090 mm downstream of the burner ports, and allowed to cool to 40°C, as measured by the backwall-embedded thermocouple located 4000 mm from the burners. At this time the tunnel lid is raised, and the test sample is placed along the ledges of the tunnel so as to form a continuous ceiling above the floor and then the lid is lowered. Upon ignition of the gas burners, the flame spread distance is observed and recorded every second. Flame spread distance versus time is plotted, ignoring any flame front recessions. Calculations are based on comparison with flame spread characteristics of select red oak, determined in calibration trials and arbitrarily established as 100. If the area under the curve (AT) is less than or equal to 29.7 m^2min, FSV=1.85·AT; if greater, FSV=1640/(59.4-AT). The Smoke Developed Value is determined by comparing the area under the obscuration curve for the test sample to that of inorganic reinforced cement board and red oak, established as 0 and 100, respectively.

The results contained in this report relate only to the item(s) tested. The test report shall not be reproduced except in full, without written approval from SGS North America.

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		PO#:	**2025-11-202**	**Test Report:**	**3-61140-0**
		Email:			
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Key Test: **CAN/ULC-S102** 2745

SAMPLE PREPARATION:

☐ The sample consisted of two sections of materials, each approximately 445 mm in width by 3658 mm in length butted together to form the requisite specimen length. The specimen was free laid (no adhesive) on top of a 6 mm fiberglass reinforced cement board substrate.

☒ Adhered to IRC: The test specimen was bonded to ¼" Inorganic Reinforced Cement (IRC) boards. The 7.315 m length was comprised of three 2.438mm long by 610mm wide sections butted end to end.

☐ Adhered to Gypsum: The test specimen was bonded to 5/8" thick Type X gypsum board.

☐ Other: _____

ADHESIVE (applied by SGS North America): ☐ No
☒ Yes – specify: Roman Pro 880

REPORTED AS:

☐ INDICATIVE (Single Specimen Test):

Flame Spread Value (FSV):
Smoke Developed Value (SDV):

☒ FORMAL (Average Value of three replicate tests rounded to the nearest multiple of five points):

Flame Spread Rating (FSR): 10
Smoke Developed Classification (SDC): 10

RESULTS:

Specimen #	Flame Spread Value	Smoke Developed Value	Burn Distance (meters)	Time (seconds)
1	6.5	2.0	0.4	56
2	11.7	11.6	0.7	36
3	14.4	13.8	0.8	47

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OBSERVATIONS:

1. No unusual observations
2. No unusual observations
3. No unusual observations

REMARKS: None.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

DocuSigned by:
Bobby Brown
F7FE1AA2EFE84EE...

12/5/2025

AUTHORIZED SIGNATURE
SGS NORTH AMERICA
/jo/jb

Enclosure: 3 Graph Chart (Formal)

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Program: Steiner Tunnel (Version 1.1.0.0)

Test Method	:	CAN/ULC - S102
Report #	:	3-61140-0-D
Test Date	:	12/4/2025
Client	:	Camira Fabrics Ltd.
Operator	:	Ashley Mattern
Details of Preparation	:	The test specimen was bonded to 1/4" Inorganic Reinforced Cement (IRC) boards using Roman Pro 880. The 7.315 m length was comprised of three 2,438 mm long by 610 mm wide sections butted end to end.
Observations	:	No unusual observations.

	Specimen 1	Specimen 2	Specimen 3
Area Under Flame Curve (m min)	3.5	6.3	7.8
Flame Spread Value	6.5	11.7	14.4
Ignition Time (mm:ss)	00:29	00:36	00:00
Area Under Smoke Curve (%A min)	1.8	10.8	12.9
Smoke Developed Value	2.0	11.6	13.8
Total Gas Flow (L)	1596.4	1594.1	1596.5
Maximum Flame Front Achieved (m)	0.4 @ 56s	0.7 @ 36s	0.8 @ 47s

Flame Spread Rating : 10
Smoke Developed Classification : 10

CERTIFICATION : I certify that the above results were obtained after testing the specimens in accordance with the procedures and equipment specified by CAN/ULC - S102

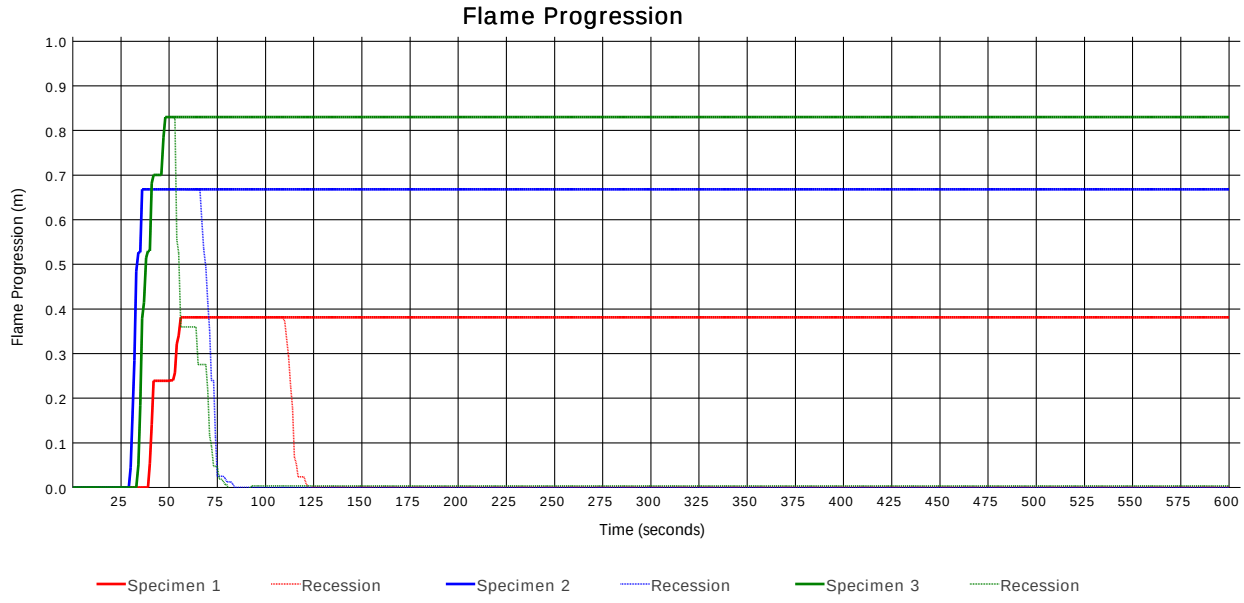
Ashley Mattern

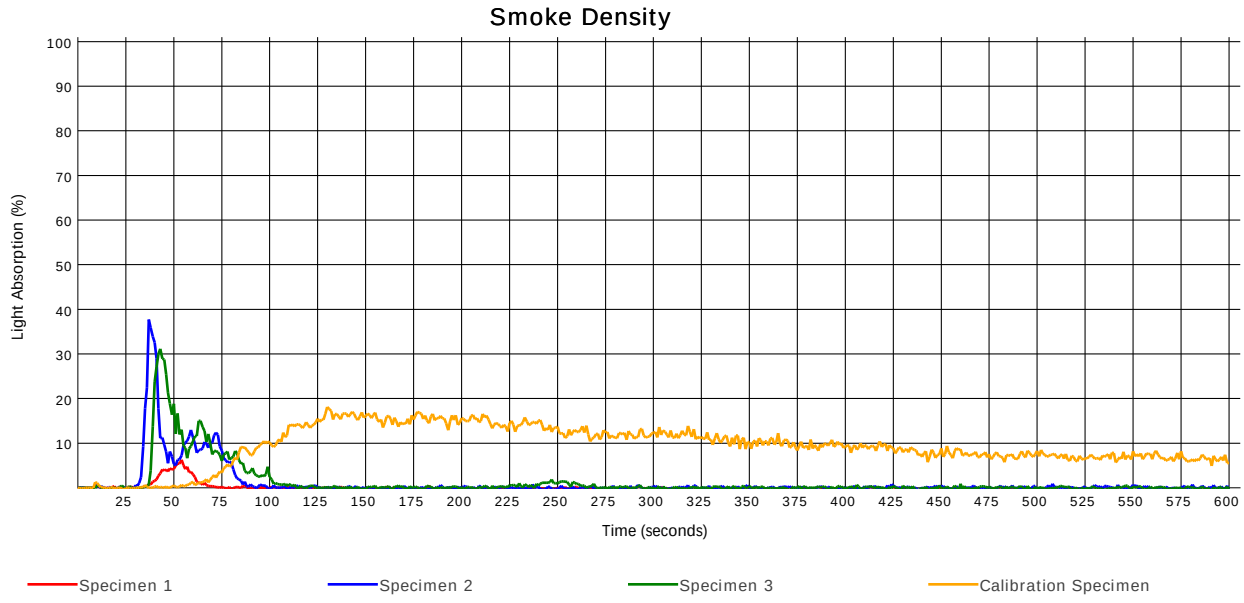
AUTHORIZED SIGNATURE

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Program: Steiner Tunnel (Version 1.1.0.0)

Test Method : CAN/ULC - S102
Test Report # : 3-61140-0-D





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Program: Steiner Tunnel (Version 1.1.0.0)

Test Method : CAN/ULC - S102
Test Report # : 3-61140-0-D

