



Tested For:	Stephen Scala	Phone: (646) 287-4545	Received: 5/21/2025
	Chestnut Springs, LLC	Fax:	Completed: 5/28/2025
	277 Silver Spring Road	Mobile:	Code: B
	Ridgefield, CT 06877	PO#:	Test Report: 3-59473-0-RV1
	USA	Email: stephen@aftechusa.com	

Key Test: ASTM E2768 , ASTM E84 (Extended)

0

Client's Identification:

Style: PWT Treated™ LVL. Finish: Grey intumescent coating. Sherwin Williams Exterior Emerald white topcoat. Composition: Laminated Veneer Lumber. Color: White. Thickness: 1.3/4" Product End Use: Framing.

Test Category: Tunnel Test ASTM E84: LE 2024; V 08/24 BG; ASTM E2768: LE 2011(18); V 08/24 PC: ME 73.4±5°F 50%±5% RH

TEST PERFORMED: ASTM E2768 - Standard Test Method for Extended Duration Surface Burning Characteristics of Building Materials

The ASTM E2768 test is conducted using the same equipment, apparatus, recording devices, calibration, and calculation of flame spread index and smoke developed index as the ASTM E84 test. The only difference is that the ASTM E2768 test is extended for an additional 20 minutes (30 minutes total) and the maximum distance of surface flame spread is measured (from the centerline of the burner outward) during the 30-minute test.

ASTM E2768 REFERS TO: ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials

APPROXIMATE THICKNESS OF SPECIMEN (as measured by SGS NORTH AMERICA): 1.551"

SPECIMEN WEIGHT (to include substrate when applicable):

Prior to Conditioning: 236.2 lbs.
Stabilized Weight (taken twice within 24 hours): 234.0 lbs.

PRODUCT CATEGORY: Textile Type Product
 Vinyl Type Product
 Other than Textile Type or Vinyl Type Product: see client's Identification section above

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.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/terms-e-document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for a maximum of 45 days only.



Tested For:	Stephen Scala Chestnut Springs, LLC 277 Silver Spring Road Ridgefield, CT 06877 USA	Phone: (646) 287-4545 Fax: Mobile: PO#: Email: stephen@aftechusa.com	Received: 5/21/2025 Completed: 5/28/2025 Code: B Test Report: 3-59473-0-RV1
--------------------	--	---	--

Key Test: ASTM E2768 , ASTM E84 (Extended)

0

ALL SPECIMEN SURFACES ARE HOMOGENOUS AND SYMETRICAL ABOUT THE LONGITUDINAL AXIS:

YES; NO (describe surface tested): _____

SPECIMEN MOUNTING:

- Self-supporting: The test specimen was rigid enough to be self-supporting when placed into test position. No additional support was required.
- Adhered to IRC: The test specimen was bonded to ¼" Inorganic Reinforced Cement (IRC) boards.
- Adhered to Gypsum: The test specimen was adhered to 5/8" thick Type X gypsum board.
- Unadhered: The specimen was not adhered to any substrate. Instead, it was laid over a 2" hexagonal wire mesh screen and ¼" rods.
- Other: _____

SPECIMEN LENGTH: The 24 ft. length was comprised of:

- Continuous unbroken 24 ft. length
- Sections: Three 8 ft. sections butted end to end
 Three 8 ft. sections positively joined.
 Other: _____

ADHESIVE (applied by SGS North America): No; Yes - (specify): _____

OBSERVATIONS:

- No unusual observations
- Burning Drips to Floor further qualified as: Minor; Moderate; Major
- Delamination
- Sagging
- Shrinkage
- Fallout (specimen displacement from ceiling mount)
- Other: Flaming on the floor

ARM

Ver. 2021-03-09 10:35

Page 2 of 5

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.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/terms-e-document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for a maximum of 45 days only.

96 Allen Boulevard Suite D, Farmingdale, NY 11735 USA • Phone: (631) 293-8944 • Email: govmark.test.reports@sgs.com



Tested For:	Stephen Scala Chestnut Springs, LLC 277 Silver Spring Road Ridgefield, CT 06877 USA	Phone: (646) 287-4545 Fax: Mobile: PO#: Email: stephen@aftechusa.com	Received: 5/21/2025 Completed: 5/28/2025 Code: B Test Report: 3-59473-0-RV1
--------------------	--	---	--

Key Test: ASTM E2768 , ASTM E84 (Extended)

0

REMARKS:

- None
 Other: _____

RESULTS TO ASTM E84 (10 minute):

Flame Spread Index: 20
 Smoke Developed: 0

ROUNDING (As Per ASTM E84 Reporting Requirements):

Flame Spread Index value has been rounded to the nearest multiple of 5.
 Smoke Developed value has been rounded to:

Raw Data	Rounded
Less than 200	Nearest multiple of 5
200 or more	Nearest multiple of 50

CONCLUSION: Based on the reported Results and cited Code Classification System, for the ASTM E84 ten-minute portion of the ASTM E2768 test, the item tested is assigned a:

- Class I or A rating
 Class II or B rating
 Class III or C rating
 Fails to achieve a minimum classification thereby rendering the product unsuitable in terms of code requirement.
 Based on product performance*, ASTM E84 is not a suitable test method for the material.

* Severe melt, drip, delamination or other behaviour that destroys the continuity of the flame front such that a valid flame spread is unobtainable (See "Remarks")

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.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/terms-e-document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for a maximum of 45 days only.



Tested For:	Stephen Scala	Phone:	(646) 287-4545	Received:	5/21/2025
	Chestnut Springs, LLC	Fax:		Completed:	5/28/2025
	277 Silver Spring Road	Mobile:		Code:	B
	Ridgefield, CT 06877	PO#:		Test Report:	3-59473-0-RV1
	USA	Email:	stephen@aftechusa.com		

Key Test: ASTM E2768 , ASTM E84 (Extended)

0

DATA SUMMARY:

Time to Ignition (minutes:seconds): 00:37
 Maximum Flame Spread "Distance" (feet): 4.1
 Maximum Flame Spread "Time" (seconds): 90

CODE CLASSIFICATION SYSTEM (Please see "ASTM E84 Limitations"):

Flame Spread Index	Smoke Developed
Class I or A: 0 - 25	450 or less
Class II or B: 26 - 75	450 or less
Class III or C: 76 - 200	450 or less

BUILDING CODE CITATION FOR THE CLASSIFICATION SCHEME:

- (1) 2024 edition, NFPA 101 Life Safety Code
- (2) 2024 edition, NFPA 5000 Building Construction & Safety Code
- (3) 2024 edition, International Building Code

RESULTS TO ASTM E2768 (30 minutes):

30 minute maximum Flame Travel distance (from centerline of burner): 6.42 ft.
 10 minute Flame Spread Index: 20
 10 minute Smoke Index (optional): 0

CLASSIFICATION: The following conditions of classification are cited as requirements for "meeting the conditions of classification of ASTM E2768" (* Note: the conclusion applies to that surface tested only unless all surfaces are homogenous and symmetrical about their longitudinal axis):

1. Flame spread of 25 or less during the 10-minute test period.
2. The flame front shall not progress more than 10.5 ft (3.2 m) beyond the centerline of the burners during the 30-minute test.
3. No Significant Progressive Combustion (defined as flame progression no greater than 10.5 ft)
4. Smoke (no requirements cited, and this component of the test is optional)

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.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/terms-e-document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for a maximum of 45 days only.



Tested For:	Stephen Scala Chestnut Springs, LLC 277 Silver Spring Road Ridgefield, CT 06877 USA	Phone: (646) 287-4545 Fax: Mobile: PO#: Email: stephen@aftechusa.com	Received: 5/21/2025 Completed: 5/28/2025 Code: B Test Report: 3-59473-0-RV1
--------------------	--	---	--

Key Test: ASTM E2768 , ASTM E84 (Extended) 0

CONCLUSION: Based on the above Results and cited Classification Criteria, the item tested:

- Complies for all surfaces of the product
- Complies for that surface tested only as the specimen was not symmetrical and homogenous about its longitudinal axis
- Does not comply

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

Signed by:
Branden Gallagher
BC915566495A4BD... 6/3/2025

AUTHORIZED SIGNATURE
SGS NORTH AMERICA
/jo/jb

Test Engineer: Ashley Mattern
RV: 6/3/25; bg

Initial
BG

Enclosure: Graphs



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.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/terms-e-document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for a maximum of 45 days only.



Program: Steiner Tunnel (Version 1.0.3.0)

Test Method : ASTM E84
Report # : 3-59473-0-RV1-B
Test Date : 5/28/2025
Client : Chestnut Springs, LLC
Operator : Ashley Mattern
Details of Preparation : The test specimen was rigid enough to be self-supporting when placed into test position. No additional support was required. The 24 ft. length was comprised of three 8 ft. sections butted end to end.
Observations : Pieces of the specimen burning dripped to the floor minorly resulting in flaming on the floor.

Results

Area Under Flame Curve (ft min) : 36.05
Raw Flame Spread Index : 18.56
Ignition Time (mm:ss) : 00:37
Area Under Smoke Curve (%A min) : 1.71
Raw Smoke Developed Index : 2.45
Total Gas Flow (ft³) : 56.5
Maximum Flame Front Achieved (ft) : 4.1 @ 90s
Flame Spread Index : **20**
Smoke Developed Index : **0**
Material Classification : **A**

CERTIFICATION : I certify that the above results were obtained after testing the specimens in accordance with the procedures and equipment specified by ASTM E84

Ashley Mattern

AUTHORIZED SIGNATURE



Test Method : ASTM E84
Test Report # : 3-59473-0-B

