

7943 Duo

7943 Duo was tested and met the following flammability requirements:

ASTM E84 Unadhered Class A

CA TB 117-2013

CAN/ULC-S102



Tested For: Liz Sanzari Designtex 200 Hudson Street, 9th Floor New York, NY 10013 USA	Phone: (212) 886-8211 Fax: Mobile: PO#: Email: esanzari@designtex.com	Received: 7/3/2025 Completed: 7/11/2025 Code: J Test Report: 3-59838-0-RV
---	--	--

Key Test: ASTM E84/ACT 0
Client's Identification:

Style: 7943 Duo. Composition: 100% Polyester. Finish: None. Weight: 17 oz/ly. Thickness: 0.0303". Product End Use: Upholstery, Panel.

Test Category: Tunnel Test, Indoor Use Specifier: ACT LE 2024; V 08/24 BG PC: ME

TEST PERFORMED: ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials

As cited by the Association of Contract Textiles (ACT) Voluntary Performance Guidelines – Indoor (February 2025)

APPROXIMATE THICKNESS OF SPECIMEN (as measured by SGS North America): 0.029"

SPECIMEN WEIGHT (to include substrate when applicable):

Prior to Conditioning: 4.1 lbs.

Stabilized Weight (taken twice within 24 hours): 4.1 lbs.

PRODUCT CATEGORY:

- Textile Type Product
 Vinyl Type Product
 Other than Textile Type or Vinyl Type Product: _____

BRIEF DESCRIPTION OF TEST: This test method is used to determine the relative burning behavior of a material under defined test conditions. The test is performed in a 25 ft. long tunnel/duct-like apparatus and is often referred to as the "tunnel test". The test contemplates a calibration where Red Oak burns to the 24 ft. mark in 5.5 minutes \pm 15 seconds. During the actual test, a 24 ft. long x 23" wide specimen rests horizontally in a ceiling configuration inside the test chamber facing downward and toward two upward oriented burners. A furnace lid that rests in a water trough seals the chamber tight. A cement board placed on the backside of each specimen assembly protects the furnace lid during the test. The near face of the specimen is subjected to a 4.5 ft. flame insult of approximately 88 kW for ten minutes. The time and distance of the spread of flame along the length of the specimen and the smoke developed as read by the photometric system are all recorded. The Flame Spread and Smoke Developed are reported as an Index.

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: Liz Sanzari Designtex 200 Hudson Street, 9th Floor New York, NY 10013 USA	Phone: (212) 886-8211 Fax: Mobile: PO#: Email: esanzari@designtex.com	Received: 7/3/2025 Completed: 7/11/2025 Code: J Test Report: 3-59838-0-RV
--	--	--

Key Test: ASTM E84/ACT

0

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 " 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 1/4" rods.
- Other: _____

DISCUSSION: 3.2.1.1: Self-supporting specimens, after being mounted on the ledges of the test furnace, are structurally capable of supporting their own weight prior to the test and during the test without the use of additional supports. Examples of self-supporting specimen behavior include the ability to do the following without the use of additional supporting elements:

- (1) Prior to and during the test, the specimen stays in its position to such an extent that it does not interfere with the effect of the burner flame.
- (2) During the test, the specimen does not interrupt the progression of the flame front along the specimen. A specimen may still be considered self-supporting if it sags during the test or if debris falls from the specimen as long as this behavior does not interfere with the progress of the flame front.

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
 - Four 5 ft. and one 4 ft. sections butted end to end
 - Other: Two 12 ft. sections butted end to end

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

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: Liz Sanzari Designtex 200 Hudson Street, 9th Floor New York, NY 10013 USA	Phone: (212) 886-8211 Fax: Mobile: PO#: Email: esanzari@designtex.com	Received: 7/3/2025 Completed: 7/11/2025 Code: J Test Report: 3-59838-0-RV
--	--	--

Key Test: ASTM E84/ACT

0

OBSERVATIONS:

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

REMARKS:

- None
- Other: _____

RESULTS: Flame Spread Index: 5
 Smoke Developed: 45

ROUNDING: 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

ACCEPTANCE CRITERIA (as cited by ACT):

	Flame Spread Index	Smoke Developed
Class A	0 - 25	450 or less

NOTE: Class A is also known as Class 1 and may be so specified in some Codes.

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: Liz Sanzari Designtex 200 Hudson Street, 9th Floor New York, NY 10013 USA	Phone: (212) 886-8211 Fax: Mobile: PO#: Email: esanzari@designtex.com	Received: 7/3/2025 Completed: 7/11/2025 Code: J Test Report: 3-59838-0-RV
---	--	--

Key Test: ASTM E84/ACT

0

CONCLUSION: Based on the reported Results and cited Acceptance Criteria, the item tested:

Complies Does not comply

DATA SUMMARY:

Time to Ignition (minutes:seconds): 00:05
 Maximum Flame Spread "Distance" (feet): 1.5
 Maximum Flame Spread "Time" (seconds): 32

CODE CLASSIFICATION: Based on the reported Results and cited Code Classification System, 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 behavior that destroys the continuity of the flame front such that a valid flame spread is unobtainable (See "Remarks" on Page 2 of 4.)

CODE CLASSIFICATION SYSTEM:

	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

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: Liz Sanzari Designtex 200 Hudson Street, 9th Floor New York, NY 10013 USA	Phone: (212) 886-8211 Fax: Mobile: PO#: Email: esanzari@designtex.com	Received: 7/3/2025 Completed: 7/11/2025 Code: J Test Report: 3-59838-0-RV
--	--	--

Key Test: ASTM E84/ACT 0

LIMITATIONS OF THE ASTM E84 CLASSIFICATION SCHEME: Most building codes will accept the ASTM E84 classifications when the interior finish product is used in a sprinklered area. Certain local authorities such as NYC have more stringent requirements, i.e. Smoke Developed ranges from a maximum 25 to 100.

If the interior finish product is a textile or vinyl wall covering used in a non-sprinklered area, the NFPA 265 room corner fire test applies.

Certain products which give off excessive heat such as but not limited to cellular plastics, cellular foam (either with or without coverings as applicable), polypropylene, and high density polyethylene should be tested by NFPA 286 - Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth. In SGS North America's opinion, the codes require NFPA 286 for such products, even in sprinklered areas.

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

Signed by:

 BC915566495A4BD... 7/22/2025

AUTHORIZED SIGNATURE
 SGS NORTH AMERICA
 /jo/jb

Test Engineer: Jillian Guillem
 RV: 7/21/25; 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 # : 3-59838-0-RV-J
Test Date : 7/11/2025
Client : Designtex
Operator : Jillian Guillem
Details of Preparation : The specimen was not adhered to any substrate. Instead, it was laid over a 2" hexagonal wire mesh screen and 1/4" rods. The 24 ft. specimen was comprised of two 12 ft. sections butted end to end.
Observations : Minor burning drips on tunnel floor

Results

Area Under Flame Curve (ft min) : 14.33
Raw Flame Spread Index : 7.38
Ignition Time (mm:ss) : 00:05
Area Under Smoke Curve (%A min) : 30.30
Raw Smoke Developed Index : 43.34
Total Gas Flow (ft³) : 56.4
Maximum Flame Front Achieved (ft) : 1.5 @ 32s
Flame Spread Index : 5
Smoke Developed Index : 45
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

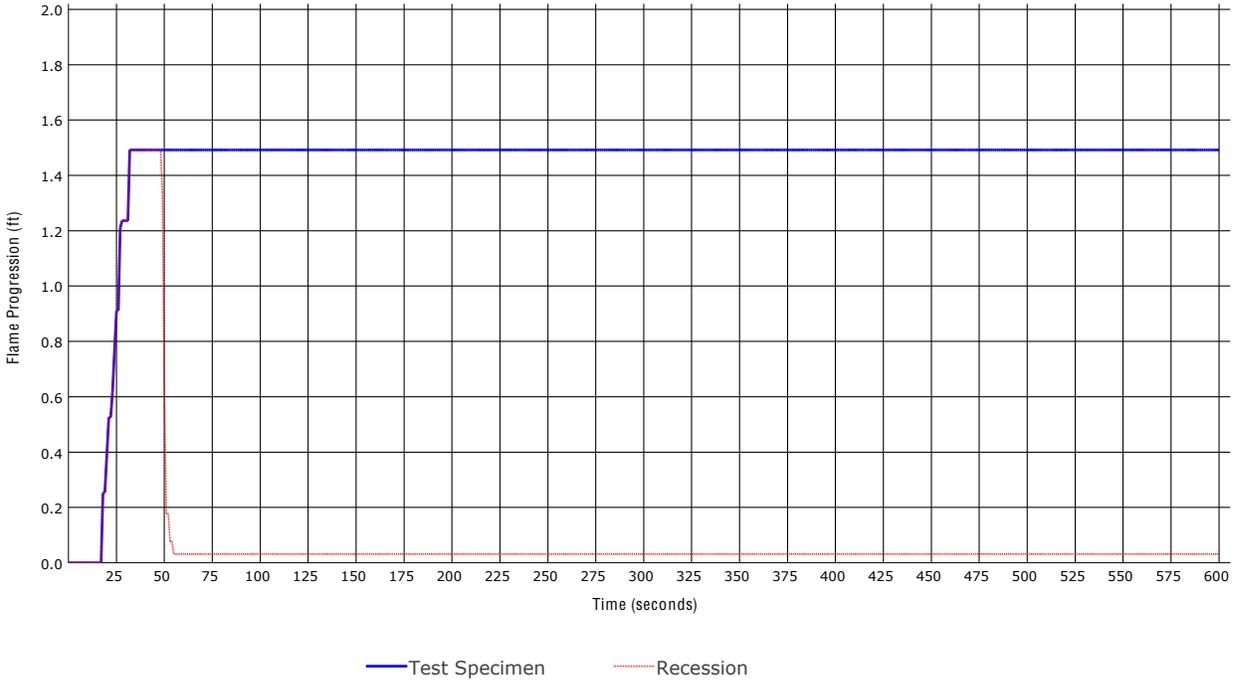
Jillian Guillem

AUTHORIZED SIGNATURE

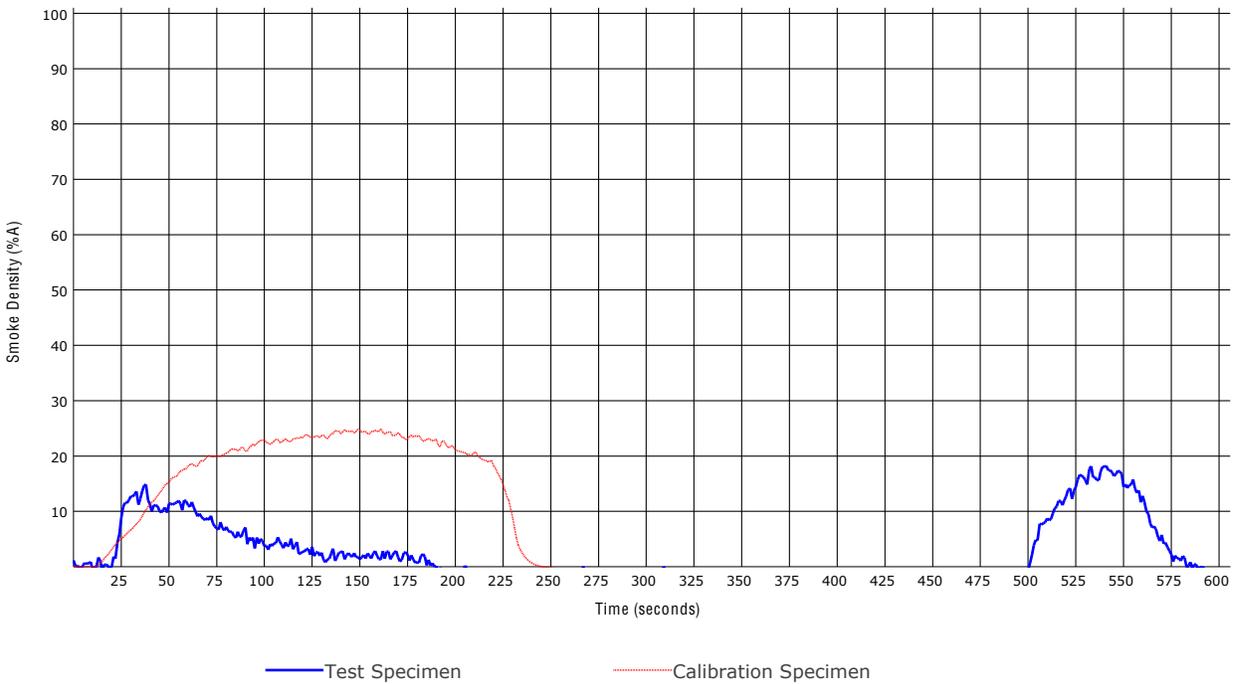


Test Method : ASTM E84
Test Report # : 3-59838-0-J

Flame Progression



Smoke Density





Date of Issue: 10/27/2025
 Report Number: 25-003113
 Revision Number: 1
 Date Order Received: 10/21/2025

For the Account of: **Designtex**
 357 County Ave
 Secaucus, NJ 07094

Client's Identification: **DUO**

CERTIFICATE OF TESTING

TEST PERFORMED: Smolder Resistance of Materials Used in Upholstered Furniture - Section 1: Cover Fabrics California Technical Bulletin 117-2013 (January 2019 Revision)

TEST RESULTS

	Specimen	Char Length (in)	Extinguished in 45 Minutes
Initial Test	1	0.7	Y
	2	0.7	Y
	3	0.6	Y

NOTES

Test Conditions: 70 ±5°F, 50 ±5% Relative Humidity *Requirement 70±5°F, less than 55% Relative Humidity*
Sampling: As Received
Ignition Source: SRM 1196a
Abbreviations: SE = Self-extinguished OBV = Obvious ignition of substrate

ACCEPTANCE CRITERIA

A material is considered to pass or fail based on the following criteria:

1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:
 - a. The mock-up test specimen continues to smolder after the 45 minute test duration
 - b. A vertical char length of more than 1.8 inches (45mm) develops on the cover fabric
 - c. The mock-up test specimen transitions to open flaming
2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e. the cigarettes burn their full length and are no longer smoldering
3. If more than one initial specimen fails, the cover fabric fails the test
4. If any one of the three initial specimens fails, repeat the test on additional three specimens
5. If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test

CONCLUSION

Based on the above Results and Acceptance Criteria, the item tested is:

- Pass
 Fail

CERTIFICATION I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.

Berta Stiver

Authorized Signature

Date Order Completed: 10/24/2025



Tested For: Liz Sanzari Designtex 200 Hudson Street, 9th Floor New York, NY 10013 USA	Phone: (212) 886-8211 Fax: Mobile: PO#: Email: esanzari@designtex.com	Received: 10/21/2025 Completed: 10/29/2025 Code: X Test Report: 3-60850-0
--	--	--

Key Test: CAN/ULC-S102.2

2745

Client's Identification:

Style: 100% Polyester Plain Weave, 17-19oz. Finish: None. Composition: 100% Polyester. Weight: 17 oz/ly. Product End Use: Panel Fabric. [Face marked by client exposed to test heat source]

LE: 2018(R24) V 08/24 BG

PC: 23±3°C 50%±5% RH - ME

CODE: I=1375 F=2925 CLEAN=1000

TEST PERFORMED: CAN/ULC-S102.2-18 - Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Covering and Miscellaneous Materials

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 floor of the tunnel so as to form a continuous surface 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 m²min, 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.

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:** Liz Sanzari

Designtex

200 Hudson Street, 9th Floor

New York, NY 10013

USA

Phone: (212) 886-8211**Fax:****Mobile:****PO#:****Email:** esanzari@designtex.com**Received:** 10/21/2025**Completed:** 10/29/2025**Code:** X**Test Report:** 3-60850-0**Key Test:** CAN/ULC-S102.2

2745

SAMPLE PREPARATION:

- The sample consisted of three sections of materials, each approximately 432 mm in width by 2438 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.
- 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

REPORTED AS:

- INDICATIVE (Single Specimen Test):**
- Flame Spread Value (FSV):
Smoke Developed Value (SDV):
- FORMAL (Average Value of three replicate tests):**
- Flame Spread Rating (FSR): 30
Smoke Developed Classification: 460

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:** Liz Sanzari

Designtex

200 Hudson Street, 9th Floor

New York, NY 10013

USA

Phone: (212) 886-8211**Fax:****Mobile:****PO#:****Email:** esanzari@designtex.com**Received:** 10/21/2025**Completed:** 10/29/2025**Code:** X**Test Report:** 3-60850-0**Key Test:** CAN/ULC-S102.2

2745

RESULTS:

Specimen #	Flame Spread Value	Smoke Developed Value	Burn Distance (meters)	Time (seconds)
1	23.3	411.3	1.9	578
2	30.9	528.2	2.1	548
3	30.6	439.2	2.3	438

OBSERVATIONS:

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

REMARKS: None.**ACCEPTANCE CRITERIA:** None cited.**CONCLUSION:** Not applicable.**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...

10/30/2025

AUTHORIZED SIGNATURE

SGS NORTH AMERICA

/gb/jb

**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 : CAN/ULC - S102.2
Report # : 3-60850-0-X
Test Date : 10/29/2025
Client : Designtex
Operator : Ashley Mattern
Details of Preparation : The sample consisted of three sections of materials, each approximately 432 mm in width by 2438 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.
Observations : No unusual observations.

	Specimen 1	Specimen 2	Specimen 3
Area Under Flame Curve (m min)	12.6	16.7	16.6
Flame Spread Value	23.3	30.9	30.6
Ignition Time (mm:ss)	00:32	00:38	00:28
Area Under Smoke Curve (%A min)	75.3	96.7	80.4
Smoke Developed Value	411.3	528.2	439.2
Total Gas Flow (L)	1584.8	1582.6	1584.7
Maximum Flame Front Achieved (m)	1.9 @ 578s	2.1 @ 548s	2.3 @ 438s

Flame Spread Rating : **30**
Smoke Developed Classification : **460**

CERTIFICATION : I certify that the above results were obtained after testing the specimens in accordance with the procedures and equipment specified by CAN/ULC - S102.2

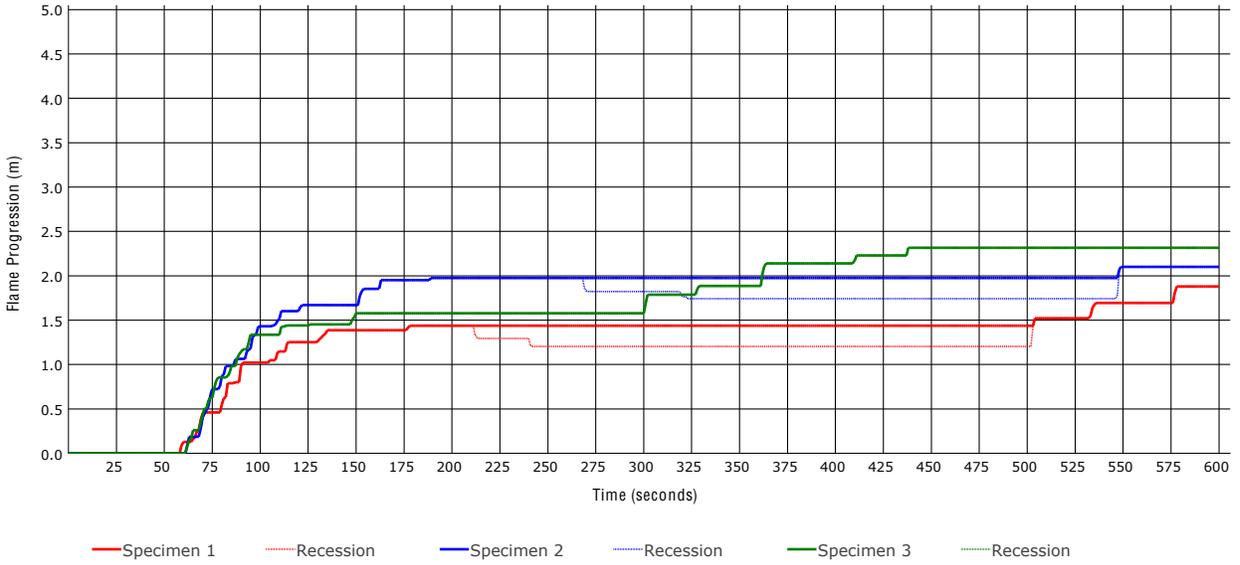
Ashley Mattern

AUTHORIZED SIGNATURE

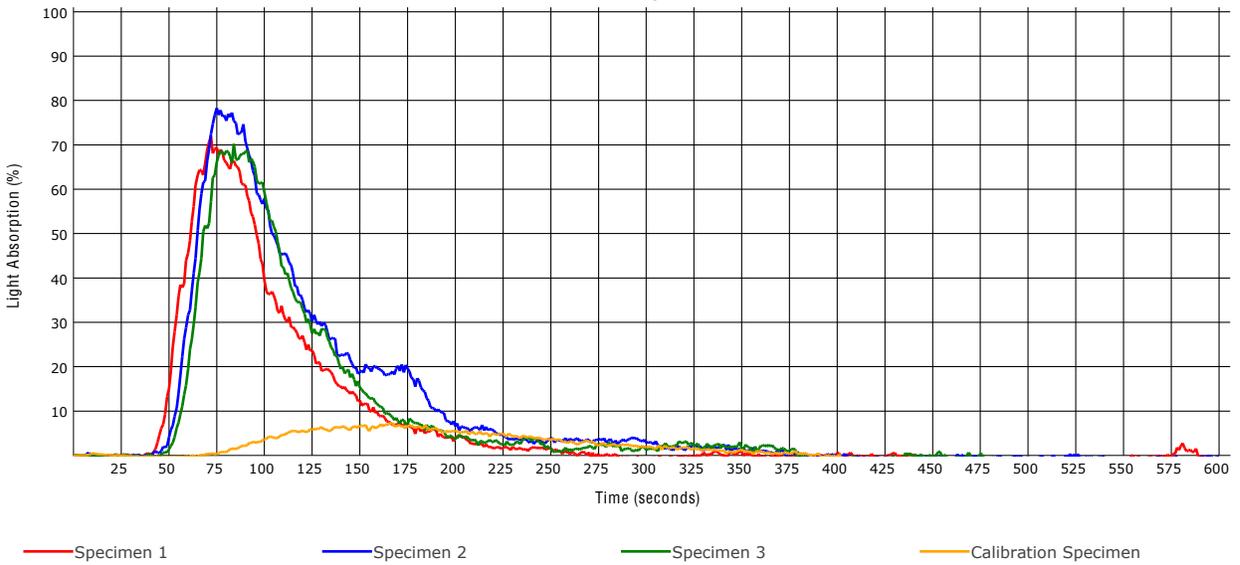


Test Method : CAN/ULC - S102.2
Test Report # : 3-60850-0-X

Flame Progression



Smoke Density





Test Method : CAN/ULC - S102.2
Test Report # : 3-60850-0-X

