Flammability Certificate
4141 Arne

DESIGNTEX

4141 Arne was tested and met the following flammability requirements:

ASTM E 84 Unadhered Class A
CA TB 117-2013
UL Listed

800.221.1540
designtex.com
Updated 06.05.23

SGS GOVMARK

96-D Allen Boulevard
Farmingdale, New York 11735-5626 USA
Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956
email: govmark.accounting@sgs.com

Received: 01/24/2020	Completed: 01/30/2020	Letter: G	JR	P.O.#:	Test Report #:	3-36835-0-
Client's Identification	Style: Arne 4141. Content: 100% Polyester. Finish: None. Weight: 20.5 oz. Color: 101. Product End Use: Panel.					

Tested For: **Teesha Prezeau**
Designtex
357 County Avenue
Secaucus, NJ 07094

Key Test: ASTM E 84 (NYC BLDG) 765

Tel: 1-(201)-917-7738 **Ext:**
Fax: 1-(201)-917-7764

Test Category: Tunnel Test LE 18a; V 9/18 Specifier: NYC PC: ME /jd SM/mg BB/mg

TEST PERFORMED: ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials

APPROXIMATE THICKNESS OF SPECIMEN (as measured by SGS): 0.043"

PRODUCT CATEGORY: [x] Textile Type Product
[ ] Vinyl Type Product
[ ] Other than Textile Type or Vinyl Type Product: _____

DEFINITION -- as cited by 2008 Building Code of the City of New York, paragraph 27-348 (C26-504.10) Interior Finish:

(a) Interior finish shall mean those materials that form the exposed interior surfaces of a building and that are part of or affixed to walls, fixed or folding partitions, ceilings, and other construction elements.

(b) Where an interior finish material is comprised of two or more materials laminated, glued, nailed, or otherwise secured together, the test rating for flame spread shall be based upon the composite of the materials in the form in which it will be used in construction.

SPECIMEN MOUNTING:

[ ] Self Supporting: The test specimen, the face of which was 23" ± 1" x 24', was such that it remained in position in the tunnel during the fire test, and no additional support was required.

[ ] Adhered to IRC: The test specimen was bonded to three 1/4" IRC (Inorganic Reinforced Cement) boards (a cement asbestos substitute) to form a test specimen the face of which was 23" ± 1" x 24'.

[ ] Adhered to Gypsum: The test specimen was adhered to 5/8" thick Type X gypsum board, to form a test specimen the face of which was 23" ± 1" x 24'.

[x] Unadhered: The 23" ± 1" x 24' specimen was not adhered to any substrate. Instead, it was laid over a 2" hexagonal wire mesh screen and 1/4" rods.

[ ] Other: _____

-- See Page 2 for "Results" --

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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 ± 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.

RESULTS: Flame Spread Rating (Index): 5
Smoke Developed Rating (Index): 80

DATA SUMMARY: Time to Ignition: 00:16 mm:ss
Maximum Flame Spread "Distance": 1 feet
Maximum Flame Spread "Time": 36 seconds

REMARKS: None.

CONCLUSION: Based on the reported Results and Criteria cited by the New York City Building Code, the item tested is assigned the following indices:

Flame Spread Index
---
[x] Class A: 0 - 25
[ ] Class B: 26 - 75
[ ] Class C: 76 - 200

Smoke Developed Index

[ ] Exits, Corridors: 25 or less
[ ] Occupancy Group I: 50 or less
[x] Rooms in which the next floor area per occupant is 10 square feet or less: 100 or less
[ ] All others: 450 or less

This report issues a Flame Spread Index and a Smoke Developed Index based on the values recorded during the test. It is the user's responsibility to understand the New York City occupancy usage of the product which specifies a particular Flame Spread Index and a particular Smoke Developed Index.

Rather than understanding the intricacies of the NYC occupancy requirements, it should be noted that a product with a "Class A" Flame Spread Index of 0 - 25 and a Smoke Developed Index of 25 maximum can be used in all occupancies as permitted by the code.

-- See Page 3 for "Certification" --

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Secaucus, NJ 07094

Key Test: ASTM E 84 (NYC BLDG) 765

Tel: 1-(201)-917-7738 **Ext:**
Fax: 1-(201)-917-7764

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

AUTHORIZED SIGNATURE
SGS
/jab

Phyllis Pettit

FEB 0 4 2020

(Page 3 of 3)

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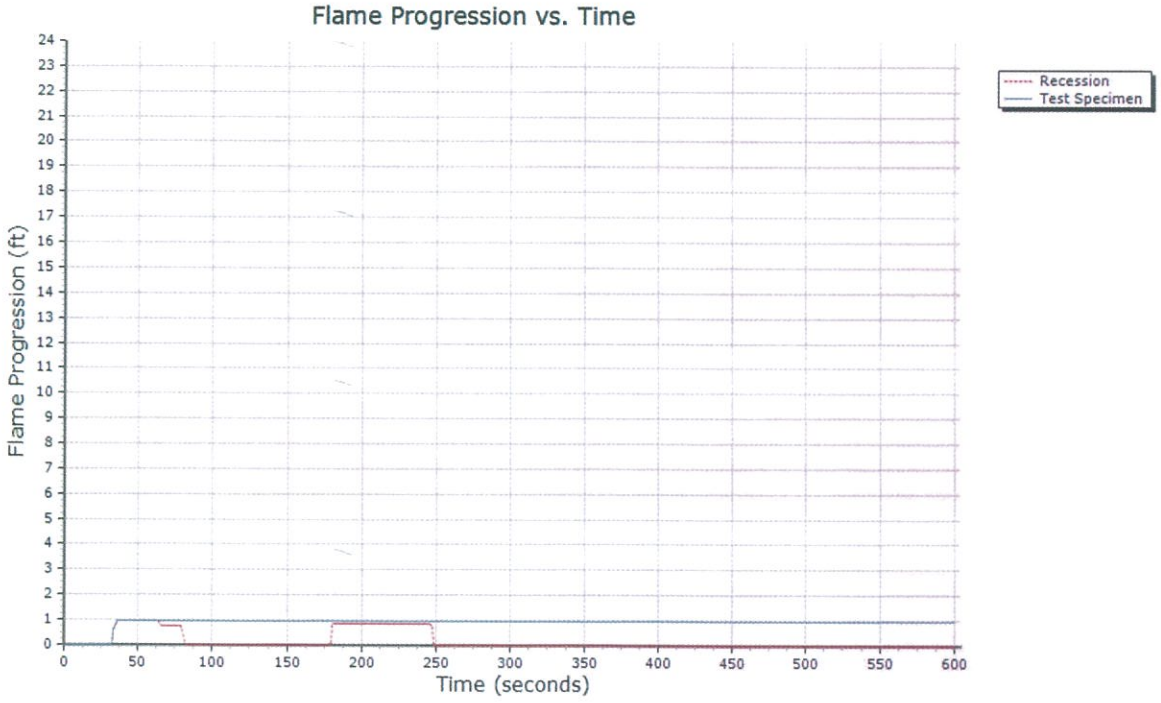
SGS GOVMARK

Program: ASTM E84 (Version 2.10)

Test Method	: ASTM E84
Test Report #	: 3-36835-0-G
Date	: 1/30/2020
Client	: Designtex
Operator	: Jimmy Rosinsky
Details of Preparation	: The test 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. length was comprised of three 8 ft. sections butted end to end.
Observations	: Moderate flaming drip

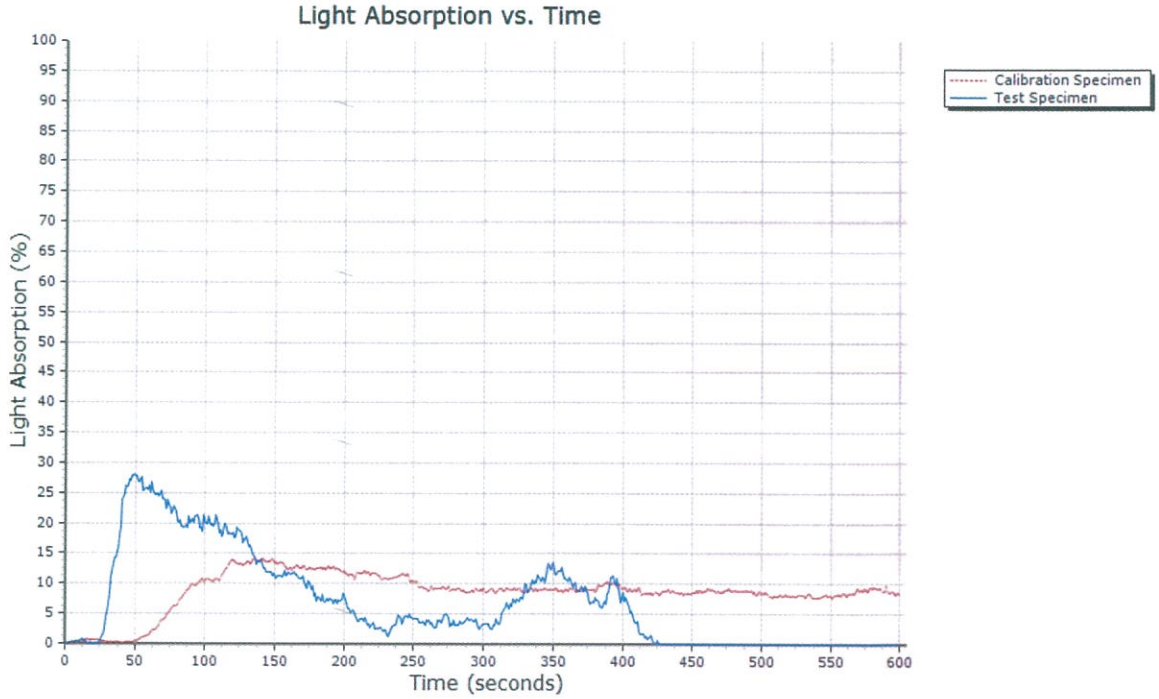
Area Under Flame Curve (ft min)	: 9.21
Raw Flame Spread Index (ft min)	: 4.74
Rounded Flame Spread Index (ft min)	: **5**
Ignition Time	: **00:16 mm:ss**
Area Under Smoke Curve (%A min)	: 69.54
Raw Smoke-Developed Index	: 79.67
Rounded Smoke-Developed Index	: **80**
Total Gas Flow(L)	: 1461.6
Total Gas Flow(ft^3)	: 51.6
Maximum Flame Front Achieved(ft)	: 1 (@36s)



SGS GOVMARK

Program: ASTM E84 (Version 2.10)

Test Method : ASTM E84
Test Report # : 3-36835-0-G



TEXTILE TESTING
CERTIFIED BEAUTY.

ACCREDITED
TESTING CERT. #3193.01

Report Number: 18-001234
Revision Number:1
Date Order Received: 02/27/2018

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

Client's Identification: Arne

None

CERTIFICATE OF TESTING

TEST PERFORMED: California Technical Bulletin 117: June 2013 – Requirements, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture – Cover Fabric Test

TEST RESULTS

	Specimen	Char Length (in)	Extinguished in 45 Minutes
Initial Test	**1**	0.6	Y
	2	0.6	Y
	3	0.5	Y

NOTES
Test Conditions: 70 ±5°F, 50 ±5% Relative Humidity

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 Stiven

Authorized Signature

Date Order Completed: 03/07/2018

553 76th Street, Byron Center, MI 49315 P: 616-559-6123 E: testlab@applied-textiles.com