

4142 Birdseye was tested and met the following flammability requirements:

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



| | | | | | | |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------|--------|----------------|------------------------------------------------|
| Received:02/19/2018 | Completed:02/21/2018 | Letter: T1 | RM | P.O.#: | Test Report #: | 3-24606-1- |
| Client's Identification | Style: 4142 Birdseye. Content: 18% Polyester, 82% Post Consumer Recycled Polyester. Finish: SR. Weight: 13.30 ounces/linear yard. Color: Grey. End Use: Upholstery + Panel. | | | | | |
| Tested For: Megan Rietzke Designtex 200 Varick Street, 8 fl. New York, NY 10014 | | | Key Test: ASTM E 84/ACT 1275 | | | Tel: 1-(212)-886-8137 Ext: Fax: 1-()- - |

Test Category: Tunnel Test Specifier: ACT LE 2015; V 8/15 PC: ME dl/SM BB/mg

TEST PERFORMED: ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials [LE 2016; V 7/17] --

As cited by the ACT Voluntary Performance Guidelines (January 2015)

APPROXIMATE THICKNESS OF SPECIMEN (as measured by Govmark): 0.03"

SPECIMEN WEIGHT (to include substrate when applicable):

Prior to Conditioning: 3.0 lbs.

Stabilized Weight (taken twice within 24 hours): 3.0 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 ± 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.

-- See Page 3 for "Results" --



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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 1/4" 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: _____

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: Two 12-ft. sections butted end to end

ADHESIVE (applied by Govmark: No
 Yes (specify): _____

OBSERVATIONS: No unusual observations
 Delamination
 Sagging
 Shrinkage
 Fallout (specimen displacement from ceiling mount)
 Other: Melting and dripping

REMARKS: None
 Other: _____



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RESULTS:

Flame Spread Index: 10
 Smoke Developed: 180

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:

| | 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.

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

Complies; Does not comply

DATA SUMMARY:

Time to Ignition (minutes:seconds): 00:11
 Maximum Flame Spread "Distance" (feet): 1.8
 Maximum Flame Spread "Time" (seconds): 26

-- See Page 4 for "Limitations of ASTM E84 Classification Scheme" --


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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 Govmark'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.



 AUTHORIZED SIGNATURE
 GOVMARK
 /mg ipm

Phyllis Pettit

MAR 05 2018

Test Engineer: Rick McDonough

Enclosure: Graphs



TESTING CERT. #3193.01

Report Number: 18-001235

Revision Number:1

Date Order Received: 02/27/2018

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

Client's Identification: Birdseye
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

Table with 4 columns: Specimen, Char Length (in), Extinguished in 45 Minutes. Row 1: Initial Test, 1, 0.6, Y. Row 2: 2, 0.7, Y. Row 3: 3, 0.6, 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:

- [X] 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: 03/07/2018