The Govmark Organization, Inc.

96-D Allen Boulevard
Farmingdale, New York 11735-5626 USA
Tel. +1 (631) 293-8944 Fax +1 (631) 293-89
e-mail: info@govmark.com

Received:06/29/2012	Completed:07/18/2012	Letter: X	rb	P.O.#:	Test Report #:	2-92878-0-
Client's Identification	FabriTac is a removable adhesive fabric that can be monted to any surface and repositioned countless times. [Paper Backing Removed Prior to Testing].					

Tested For: **Matt Loede**
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4
Randolph, NJ 07869

Key Test: ASTM E 84 (BLDG) 945

Tel: 1-(973)-627-8506 **Ext:** 140
Fax: 1-(973)-627-8608

REMARKS: None.

RESULTS:

Flame Spread Index: 20
Smoke Developed: 35

CONCLUSION: Based on the above Results and Code Classification System the item tested is assigned a:

[x] Class I or A rating
[ ] Class II or B rating
[ ] Class III or C rating
[ ] Unrated

DATA SUMMARY:

Time to Ignition: 00.13 minutes
Maximum Flame Spread "Distance": 03.94 feet
Maximum Flame Spread "Time": 00.68 minutes

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

BUILDING CODE CITATION FOR THE CLASSIFICATION SCHEME:

(1) 2009 edition, NFPA 101 Life Safety Code, para. 10.2.3.4
(2) 2009 edition, NFPA 5000 Building Construction & Safety Code, para. 10.3.2
(3) 2012 edition, International Building Code, para. 803.1.1

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by ASTM E 84.

JUL 2 5 2012

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC. CT / ec

MS. [illegible]

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Received: 07/25/2012	Completed: 07/31/2012	Letter: W	rb	P.O.#:	Test Report #: 2-93140-0-
Client's Identification	FabriTac is a removable adhesive fabric that can be mounted to any surface and repositioned countless times. [Paper Backing Removed Prior to Testing].				

Tested For: **Matt Loede**
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4
Randolph, NJ 07869

Key Test: NFPA 286 (BLDG) 1650

Tel: 1-(973)-627-8608 **Ext:** 140
Fax: 1-(973)-627-8506

Category: Room Corner BLDG: V 7/12 PC: 7 days /jd

APPROXIMATE THICKNESS OF SUBMITTED MATERIAL (as measured by Govmark): 0.013"

TEST PERFORMED: NFPA 286 - Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth

BRIEF DESCRIPTION OF TEST: The test is conducted in a fire room 12 ft. x 8 ft. x 8 ft. high. The material under test is applied to 5/8" gypsum board. Three 4' x 8' panels are used to cover each 8' x 12' wall. Two 4' x 8' panels are used to cover one 8' x 8' wall. A square gas burner located at the bottom of the corner (one of the junctures of the 8' and 12' walls) offers an open flame ignition exposure of 40 kW for a period of 5 minutes, and 160 kW for a period of 10 minutes. Test observations are made.

TIME FROM CONDITIONING ROOM TO START OF TEST: 8 minutes

CATEGORY:	RESULTS:
40 kW Exposure	
Flame Height:	5 ft 2 in
160 kW Exposure	
(a) Peak Rate of Heat Release: [includes 160 kW Exposure]	245 kW
(b) Time to Reach Peak:	330 seconds
(c) Total Heat Release --	
5 minutes:	14.8 MJ
10 minutes:	79.4 MJ
15 minutes:	131.7 MJ
(d) Peak Rate of Smoke Release:	0 m^2/s
(e) Time to Reach Peak:	835 seconds
(f) Total Smoke Released --	134 m^2

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CATEGORY:	RESULTS:	
160 kW Exposure (continued):		
(g) Peak Temperature Readings --		
Room midpoint:	503 °F;	262 °C
Quadrant #1:	641 °F;	338 °C
Quadrant #2:	484 °F;	251 °C
Quadrant #3:	437 °F;	225 °C
Quadrant #4:	455 °F;	235 °C
AVERAGE:	504 °F;	262° C
(h) Peak Carbon Monoxide Reading:	23 ppm	
(i) Peak Carbon Dioxide Reading:	.01 ppm	
(j) Peak Heat Flux at Floor Level:	1.7 kW/m²	
(k) Ignition of Paper Monitors on Floor:	[ ] Yes; [x] No	
(l) Lateral Flame Spread --		
8 ft. Wall:	5 ft 0 in	
Near 12 ft. Wall:	3 ft 6 in	
Far 12 ft. Wall:	0 ft 0 in	
(m) Flames Exit Doorway:	[ ] Yes; [x] No	

(n) Flaming Droplets are not factored into the Failure Criteria; however, they are reported as an observation:

(1) Flaming Droplets are observed:	[ ] Yes; [x] No
(2) A fire pool forms beneath the test item:	[ ] Yes; [x] No
(3) If a fire pool occurs, the level of intensity is described as:	[ ] Minor; [ ] Moderate; [ ] Intense

(o) OBSERVATIONS:

Note: Parentheses ( ) are used to indicate a result that represents a flashover value.

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FLASHOVER CRITERIA: Flashover is determined to have occurred when any two of the following conditions have been attained:

(1) The heat release rate exceeds 1 MW (1,000 kW)
(2) Heat flux at the floor exceeds 20 kW/m²
(3) The average upper layer temperature exceeds 600°C (1112°F)
(4) Flames exit the doorway
(5) Autoignition of a paper target on the floor occurs

ACCEPTANCE CRITERIA - As cited by:

(A) The 2012 Edition of NFPA 101 Life Safety Code, para. 10.2.3.7.2;
(B) The 2012 Edition of NFPA 5000 Building Construction and Safety Code, para. 10.3.5.2;
(C) The 2012 Edition, International Building Code, para. 803.1.2

(1) During the 40 kW exposure, flames shall not spread to the ceiling.

(2) The flame shall not spread to the outer extremity of the sample on any wall or ceiling.

(3) Flashover shall not occur.

(4) The Peak Heat Release Rate throughout the test shall not exceed 800 kW.

(5) The Total Smoke Released throughout the test shall not exceed 1,000 m².

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

[x] Passes; [ ] Fails

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 286.

Robert I. Brown

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC. /jb

Test Technician: Robert Warren

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BLDG (IBC): LE 2012; R 06/12; V 6/12 PC: ME /jd
ASTM E84: LE 2012; R 06/12; V 06/12

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

REFERENCE: Comparable to: UL 723 - Standard for Test for Surface Burning Characteristics of Building Materials

APPROXIMATE THICKNESS OF SPECIMEN (as measured by Govmark): 0.007"

PRODUCT CATEGORY:

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

* Note: Textile or expanded vinyl wallcoverings classified by this procedure are limited to use in sprinklered areas in certain public occupancies. If textile or expanded vinyl wallcoverings are used in non-sprinklered areas, a room/corner fire test is mandated, such as NFPA 265 for textiles and NFPA 286 for expanded vinyls.

NFPA 286 test method standard applies not only to expanded vinyls, but also to all non-textile products. Therefore, it should be considered for all interior finish applications in non-sprinklered areas.

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'.

[x] 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'.

[ ] 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: _____

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