



Received:04/08/2009	Completed:04/17/2009	Letter: G	rb	P.O.#:	Test Report #:	2-78101-0-
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Client's Identification	Polytex. A Superior Fire Rated Knitted HDPE Shade Fabric Designed For Use In Modular Shade Structures And Shade Sails. 7 oz/sq.yd
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Tested For: Steve Morenberg Poly Fab USA LLC 1601 N. Sepulveda Blvd., #392 Manhattan Beach, CA 90266	Key Test: ASTM E 84 (BLDG)	825
	Tel: 1-(440)-503-9056	Ext:
	Fax: 1-(310)-626-9639	

PC: ME /jd

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

PRODUCT CATEGORY: 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:

Adhered: 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'.

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.

RESULTS:

Flame Spread Index: 15

Smoke Developed: 25

REMARKS: None.

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

- Class I or A rating
- Class II or B rating
- Class III or C rating
- Unrated

DATA SUMMARY:

Time to Ignition: 0.03 minutes
 Maximum Flame Spread "Distance": 2.98 feet
 Maximum Flame Spread "Time": 1.52 minutes

CODE CLASSIFICATION SYSTEM:

	Flame Spread Index	Smoke Developed
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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) 2006 edition, NFPA 101 Life Lifty Code, para. 10.2.3.4
- (2) 2006 edition, NFPA 5000 Building Construction & Safety Code, para. 10.3.2
- (3) 2006 edition, International Building Code, para. 803.1

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

Heather E. Robertson

 AUTHORIZED SIGNATURE
 THE GOVMARK ORGANIZATION, INC. CT / jb/jmg
MS. HEATHER ROBERTSON

APR 21 2009

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