

Received:06/01/2012	Completed:06/15/2012	Letter: F	rb	P.O.#:	Test Report #:	2-92559-0-
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Client's Identification Douglas Fir Treated with ContiTech Fire Retardant. Marked CTNA 1 of 12.

Tested For: **Peter Tiedemann**
ContiTech NA, Inc
136 Summit Ave
Montvale, NJ 07645

Key Test: ASTM E 84 (BLDG)

945

Tel: 1-(201)-930-0600

Ext: 108

Fax: 1-(201)-930-0050

BLDG: LE 2009; R 04/09; V 4/09
ASTM E84: LE 2009c; R 11/09; V 11/09

PC: ME /jd

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): 1.0"

PRODUCT CATEGORY:

- Textile Type Product
- Vinyl Type Product
- Other than Textile Type or Vinyl Type Product: (See Client's Section Above)

* 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'.
- 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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REMARKS: None.

RESULTS:

Flame Spread Index: 15
Smoke Developed: 120

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: 00.77 minutes
Maximum Flame Spread "Distance": 04.70 feet
Maximum Flame Spread "Time": 09.55 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) 2009 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.

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC. CT 19b/He

Robert I. Brown

JUN 18 2012

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