

AVERAGE:

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P.O.#: Received: 01/23/2007 | Completed: 01/28/2007 | Letter: Z гb Test Report #: 2-65932-0-Client's Whisper Walls acoustical fabric wall system consisting of Whisper Walls 1" Polymer stretching system mounted to 4' x 8' Identification x 1/2" drywall panels with (see continuation) Tested For: Brad Enter Key Test: NFPA 265 Method B (BLDG) 1500 Whisper Walls 10957 E. Bethany Drive Tel: 1-(303)-671-6696 Ext: Aurora, CO 80014 Fax: 1-(303)-671-0606 CLIENT'S IDENTIFITION (continuation): Whisper Walls Acoustitherm 600 fiberglass core installed within streching system components and covered with 100% Polyester panel fabric. Category: Room Corner PC: 7 days /jd APPROXIMATE THICKNESS OF SUBMITTED MATERIAL (as measured by Govmark): TEST PERFORMED: NFPA 265 Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile Wall Coverings Method B Protocol SPECIMEN PREPARATION: The fabric was held to the panel by being inserted into the Whisper Walls stretching system located at the perimeter of the panels. BRIEF DESCRIPTION OF TEST: The test is conducted in a fire room 12 ft. x 8 ft. x 8 ft. high. Three 4' \times 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 150 kW for a period of 10 minutes. Test observations are then made. TIME FROM CONDITIONING ROOM TO START OF TEST: 30 minutes RESULTS: 40 kW Exposure Flame Height: 5 ft 0 in 150 kW Exposure (1) Peak Rate of Heat Release: 228 kW (includes 150 kW Exposure) (2) Peak Temperature Readings --577°F; 303°C Room midpoint: Quadrant #1: 701°F; 372°C Quadrant #2: 529°F; 276°C Quadrant #3: 475°F; 246°C Quadrant #4: 498°F; 259°C

556°F;

291°C

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Client's Whisper Walls acoustical fabric wall system consisting of Whisper Walls 1" Polymer stretching system mounted to 4' x 8' Identification x 1/2" drywall panels with (see continuation)										
Tested For: Brad Enter		Key	Test: NFP	A 265 Method B (I	BLDG)	1500				
Whisper Walls 10957 E. Bethany Drive			Tel: 1-(30	3)-671-6696	Ext:					
Aurora, CO 80014			-	3)-671-0606	DA.					
RESULTS:										
50 kW Exposure (continued):										
(3) Ignition of Paper Monitors on Floor:	[] Ye	98								
	(x) No]				
(4) Peak Heat Flux at Floor Level:	1 kW/r	R²								
(5) Peak Rate of Smoke Release:	1 m's									
(6) Total Smoke Release:	584 m	2				}				
(7) Flame Progress on 12' Wall:	4 ft	0 in								
(8) Flames Exit Doorway:	[] Ye	es; [x] No				Ì				
(9) Flaming Droplets are not factored into the failure criteria; however, they are reported as an observation:										
(a) Flaming Droplets are observed:		(x) Yes	() No							
(b) A fire pool forms beneath the test item:			(x) No							
(c) If a fire pool occurs, the level of intensity is described as:			or							
		() Mode	erate							
		[] Inte	ense							
(10) Other Observations: None.						,				
Note: Parentheses () are used to indicat or flashover value.	e a re:	sult that re	presents	a failure						
(Pag	e 2 of	3)								



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Received:01/23	/2007 Completed: 01/28/2007	Letter: Z	rb	P.O.#:	Test Report #:	2-65932-0-				
Client's Whisper Walls acoustical fabric wall system consisting of Whisper Walls 1" Polymer stretching system mounted to 4' x 8' Identification x ½" drywall panels with (see continuation)										
	rad Enter /hisper Walls 1957 E. Bethany Drive			•	PA 265 Method B (BLDG) 03)-671-6696 Ext:	1500				
	urora, CO 80014		_	•	03)-671-0606					

FLASHOVER CRITERIA: Flashover shall be considered 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) Auto-ignition of a paper target on the floor occurs

FAILURE CRITERIA -- As cited by:

- (1) 2006 Edition, NFPA 101 Life Safety Code, para. 10.2.3.7.1
- (2) 2006 Edition, NFPA 5000 Building Construction and Safety Code, para. 10.3.6.1
- (3) 2006 Edition, International Building Code, para. 803.6.2.1

40 kW EXPOSURE: Flame Spread reaches ceiling

150 kW EXPOSURE:

- (a) Flame progresses from fire corner to end of 12' wall
 - and/or -
- (b) Flashover occurs

CONCLUSION: Based on the above Results and Failure 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 265.

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. /jd

MS. HEATHER ROBERTSON

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