

Received:01/23/2007	Completed:01/28/2007	Letter: Z	rb	P.O.#:	Test Report #:	2-65932-0-
<b>Client's Identification</b>	Whisper Walls acoustical fabric wall system consisting of Whisper Walls 1" Polymer stretching system mounted to 4' x 8' x 1/2" drywall panels with ..... (see continuation)					
<b>Tested For:</b>	<b>Brad Enter</b>	<b>Key Test:</b> 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 IDENTIFICATION (continuation):

.... Whisper Walls Acoustitherm 600 fiberglass core installed within stretching 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): 1.5"

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' 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 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

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Flame Height: 5 ft 0 in

150 kW Exposure

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(1) Peak Rate of Heat Release: 228 kW  
(includes 150 kW Exposure)

(2) Peak Temperature Readings --

Room midpoint: 577°F; 303°C

Quadrant #1: 701°F; 372°C

Quadrant #2: 529°F; 276°C

Quadrant #3: 475°F; 246°C

Quadrant #4: 498°F; 259°C

AVERAGE: 556°F; 291°C





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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/m<sup>2</sup>
- (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:

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.

*Heather E. Robertson*

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. /jd

**MS. HEATHER ROBERTSON**

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