



Johns Manville

Johns Manville Technical Center
Materials Services and Contract Research
10100 West Ute Avenue
Littleton, CO 80127

Memo Report
Fire Testing Laboratory

<p>Title: Tunnel Test on "WhisperSpan" Wall System from Whisper Walls</p> <p>Memo Report No: F99-50</p> <p>Requested by: Brad Enter- Whisper Walls</p> <p>Date Requested: 7/15/99</p> <p>Test Method: ASTM E84</p>	<p>Date: August 13, 1999</p> <p>Tested By: J.L. Fischer</p> <p>Notebook No:</p> <p>Page Number:</p> <p>Charge Code:</p>
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Sample panels of Whisper Walls' "WhisperSpan" wall system was submitted for tunnel testing. The sample consisted of a 32mm stretch system, 1/2" Drywall, 1" Acoustitherm 600 fiberglass and a 100% Trevira CS fabric covering. The sample was tested in accordance with ASTM E84 "Surface Burning Characteristics of Building Materials" test method. Specific test results are on the following page (2).

<u>SAMPLE</u>	<u>FLAMESPREAD INDEX</u>	<u>SMOKE DEVELOPED INDEX</u>
"WhisperSpan" Wall System Unslit	10	5

Reported by: 

This testing conforms to the ASTM Test Method shown except for the report requirements. A summary report is given here. The full compliment of data is available.



ACCREDITED BY THE DEPARTMENT OF COMMERCE, NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM FOR SELECTED TEST METHODS FOR PHYSICAL AND FIRE TESTING.

ASTM E84 Tunnel Test

Report of Surface Burning Characteristics in a 25 ft. Tunnel Furnace

Johns Manville Technical Center
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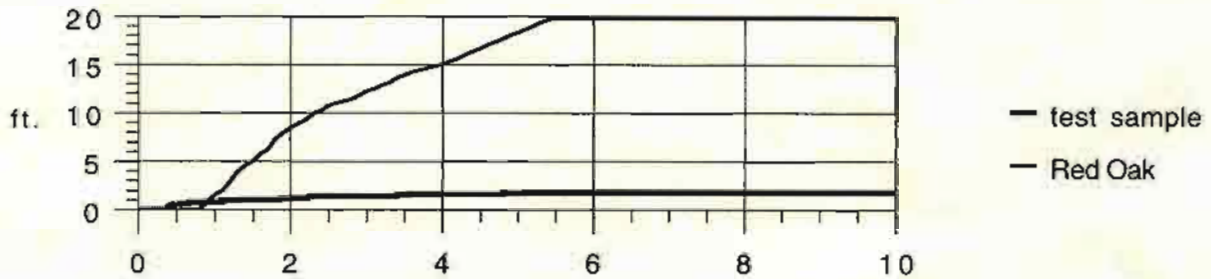
Test Number : F99-50
Test Duration : 10.02 min.
tested : 30-Jul-99
13:15

Material Description :
"WhisperSpan" system, 32mm stretch system/ 1/2" Drywall/ 1"
Acoustitherm 600 FG/ 100% Trevira CS Fabric Unslit

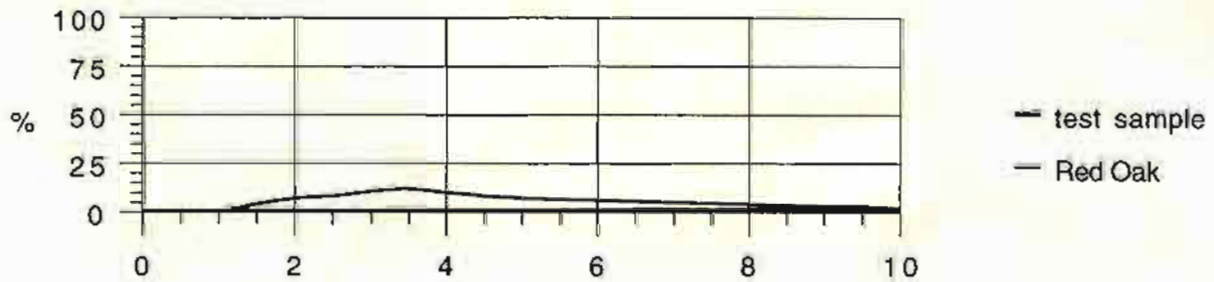
Mounting Method :
3 SELF-SUPPORTING BOARDS BUTTED END TO END

Test Operation :		Operator: J.L. FISCHER
Volume of Gas Used	48.9 cu.ft.	Requester: BRAD ENTER
Gas Burning Rate	4.9 cu.ft./min.	
Max Furnace Flamespread	1.8 ft.	
Flame Spread Index	7.6	
Smoke Density Index	5.9	

Flamespread vs. Time



Light Absorption vs. Time (% Absorption based on photoelectric cell value at start of test.)



Tunnel Temperature vs. Time

