

CLIENT: MULTI-PANEL CORP.
23 Corporate Plaza, Ste. 150
Newport Beach, CA 92660

Test Report No: RJ4009F-3	Date: December 1, 2015
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SAMPLING DETAIL: Test samples were submitted to the laboratory directly by client. No sampling or witness of construction of product was observed by QAI Laboratories. The test sample was identified by the client as: CS Fire Guard Panels, 1/2" thick.

DATE OF RECEIPT: Samples were received at QAI on November 11, 2015.

TESTING PERIOD: August 31, 2015.

AUTHORIZATION: Testing authorized by Sten Sorenson.

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-15a "Standard Method of Test for Surface Burning Characteristics of Building Materials". The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

TEST RESULTS:	<u>Flame Spread</u>	<u>Smoke Developed</u>
	0	0

Detailed test results are presented in the subsequent pages of this report

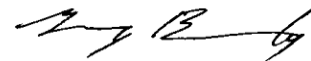
CONCLUSION: The submitted material meets the requirements for a "Class A" Flame Spread. See classification requirements on page 2.

Prepared By



Brian Ortega
Test Technician

**Signed for and on behalf of
QAI Laboratories, Inc.**



Greg Banasky
Senior Test Technician

PREPARATION DETAILS: The panels were cut to 24" wide by 48" long. Six pieces were used for the test.

CONDITIONING: The test specimen was conditioned to a constant weight at a temperature of 73.4 ± 5° F (23 ± 2.8° C) and a relative humidity of 50 ± 5 %.

CEMENT BOARD PLACEMENT: The 1/4" cement boards were placed between the test specimen and the chamber lid.

E 84 TEST DATA SHEET:

CLIENT: MULTI-PANEL CORP. **DATE:** 12/01/15

SAMPLE: CS Fire Guard Panels, 1/2" thick.

FLAME SPREAD:

IGNITION: Did not ignite.

FLAME FRONT 0

TIME TO MAXIMUM SPREAD: 0

TEST DURATION: 10 Minutes.

CALCULATION: N/A

SUMMARY: FLAME SPREAD: 0 **SMOKE DEVELOPED:** 0 (1.64)

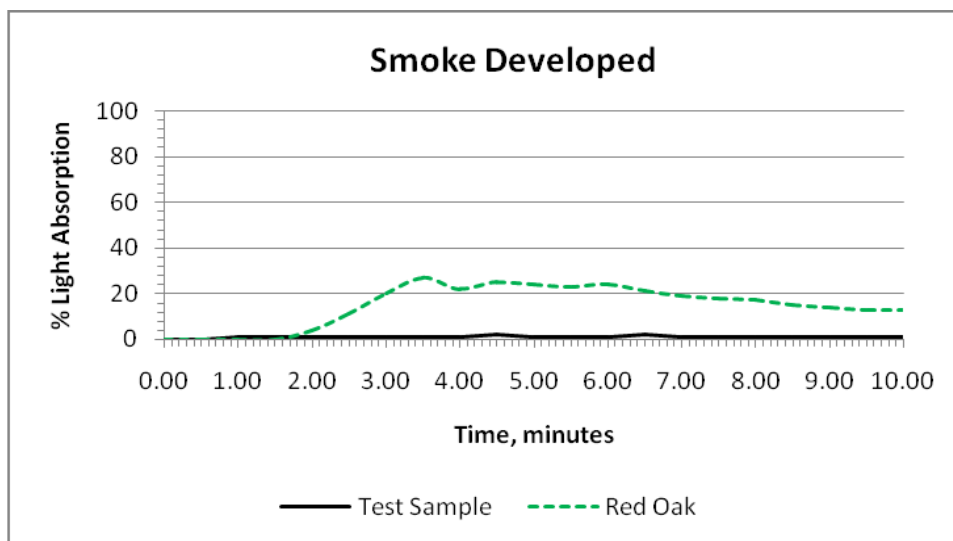
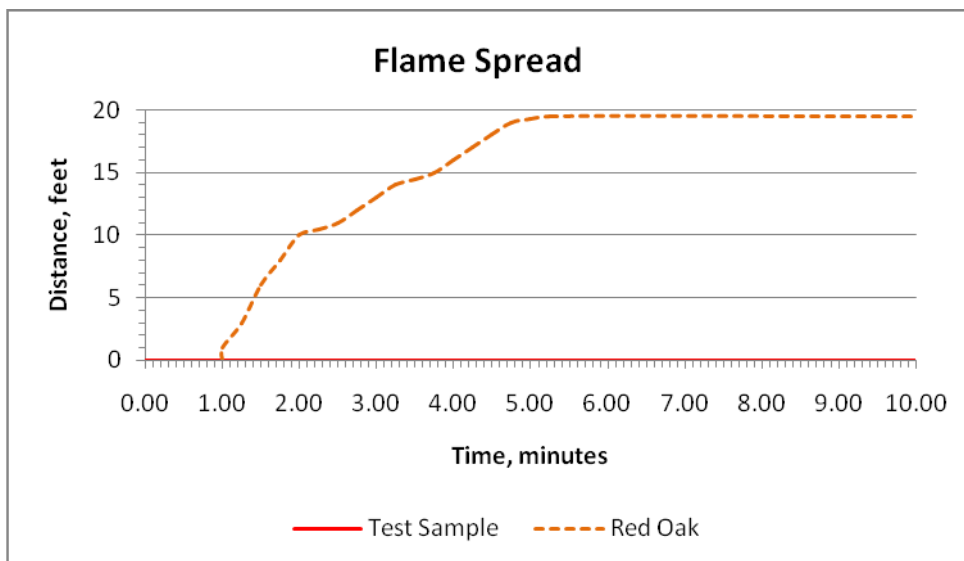
SUMMARY OF ASTM E84 RESULTS: Because of the possible variations in reproducibility, the results are adjusted to the nearest figure divisible by 5. Smoke Density values over 200 are rounded to the nearest figure divisible by 50.

In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

<u>NFPA CLASS</u>	<u>IBC CLASS</u>	<u>FLAME SPREAD</u>	<u>SMOKE DEVELOPED</u>
A	A	0 through 25	Less than or equal to 450
B	B	26 through 75	Less than or equal to 450
C	C	76 through 200	Less than or equal to 450

BUILDING CODES CITED:

1. National Fire Protection Association, ANSI/NFPA No. 101, "Life Safety Code".
2. International Building Code, Chapter 8, Interior Finishes, Section 803.



End of Report

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