

CLIENT: FIBREWORKS
2417 Data Drive
Louisville, KY 40299
Sean D. Voyles

Test Report No: RJ1419-1	Date: July 11, 2011
---------------------------------	----------------------------

SAMPLE ID: The test samples are identified as: Fibreworks Sisal Wallcovering adhered to cement board with Fibreworks 257 Sisal Adhesive.

SAMPLING DETAIL: Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

DATE OF RECEIPT: Samples were received at QAI on June 30, 2011.

TESTING PERIOD: July 11, 2011.

AUTHORIZATION: Testing authorized by Sean D.Voyles.

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with CAN/ULC S102.2-07, "Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings and Miscellaneous Materials and assemblies".

TEST RESULTS:	<u>Flame Spread</u>	<u>Smoke Developed</u>
	10	30

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

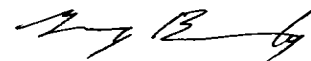
CONCLUSION: The submitted material meets the requirements for a "Class A" Flame Spread. See classification requirements on page 2.

Prepared By



Brian Ortega
Test Technician

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



Greg Banasky
Senior Test Technician



PREPARATION AND CONDITIONING: The sample material was submitted in three pieces 22" wide by 96" long conforming to test chamber dimensions. The samples were adhered to cement board substrate with Fiber Works 257 Sisal Adhesive.

Prior to testing, the specimen was placed in the conditioning room (maintained at 73.4 ± 5° F and a relative humidity of 50 ± 5%) and allowed to reach moisture equilibrium.

CAN/ULC S102.2-07 TEST DATA SHEET:

CLIENT: Fibreworks **Date:** 07/11/11

SAMPLE: Sisal Wall covering.

FLAME SPREAD:

IGNITION: 1 minute, 45 seconds

FLAME FRONT: 2 feet maximum

TIME TO MAXIMUM SPREAD: 2 minutes, 22 seconds

TEST DURATION: 10 minutes

CALCULATION: 16.13 x 0.515 = 8.30

SUMMARY: FLAME SPREAD: 10 SMOKE DEVELOPED: 30

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

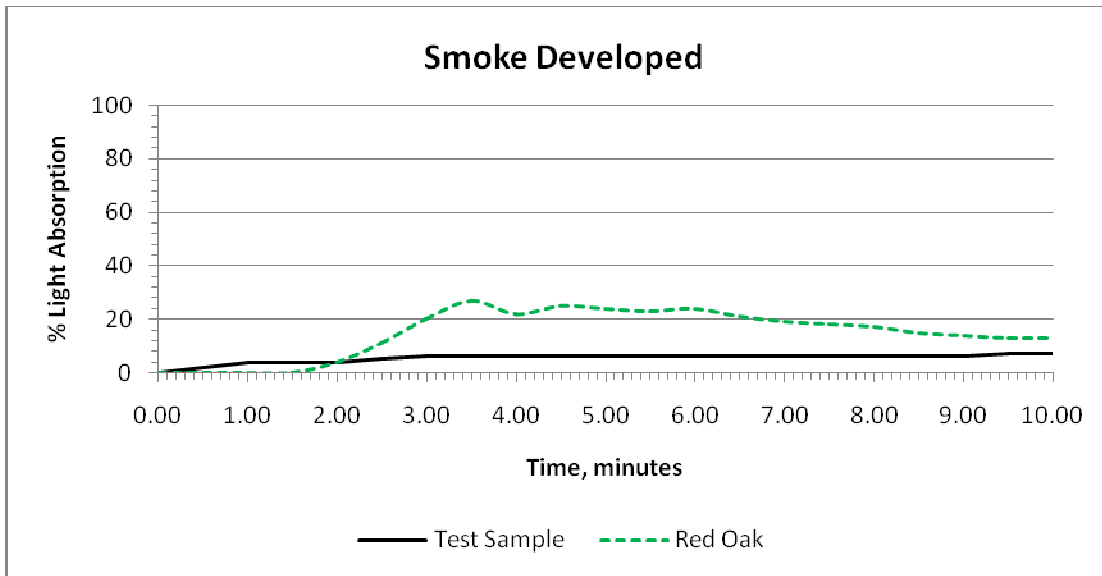
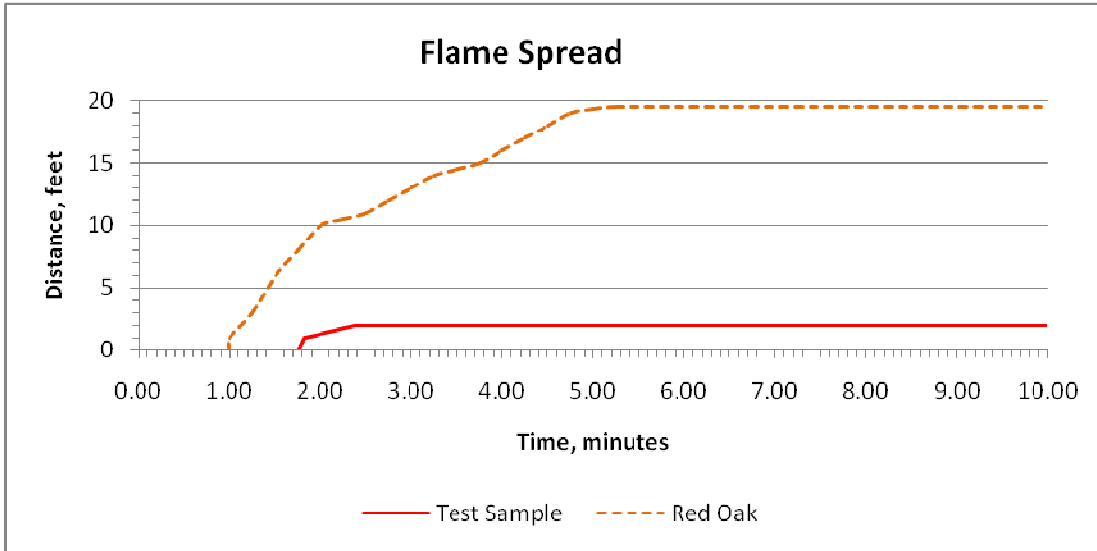
In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

<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", 2006 Edition.
2. International Building Code, 2009 Edition, Chapter 8, Interior Finishes, Section 803.

THIS REPORT IS THE CONFIDENTIAL PROPERTY OF THE CLIENT ADDRESSED. THE REPORT MAY ONLY BE REPRODUCED IN FULL. PUBLICATION OF EXTRACTS FROM THIS REPORT IS NOT PERMITTED WITHOUT WRITTEN APPROVAL FROM QAI. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED FOR THE INDIVIDUAL PROJECT FILE REFERENCED. THE RESULTS OF THIS REPORT PERTAIN ONLY TO THE SPECIFIC SAMPLE(S) EVALUATED.



THIS REPORT IS THE CONFIDENTIAL PROPERTY OF THE CLIENT ADDRESSED. THE REPORT MAY ONLY BE REPRODUCED IN FULL. PUBLICATION OF EXTRACTS FROM THIS REPORT IS NOT PERMITTED WITHOUT WRITTEN APPROVAL FROM QAI. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED FOR THE INDIVIDUAL PROJECT FILE REFERENCED. THE RESULTS OF THIS REPORT PERTAIN ONLY TO THE SPECIFIC SAMPLE(S) EVALUATED.