

CLIENT: YORK WALLCOVERINGS
750 Linden Avenue
York, PA 17404

Test Report No: RJ3586-1	Date: October 30, 2014
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SAMPLE ID: The sample material was identified by the client as: 20 oz. Printed & Embossed Non-woven backed Vinyl Wallcovering (OH) adhered to cement board.

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 October 20, 2014.

TESTING PERIOD: October 29, 2014

AUTHORIZATION: Testing authorized by Heather Schneider.

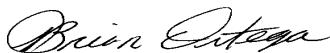
TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with CAN/ULC S102.-10, "Method of Test for Surface Burning Characteristics of building Materials and assemblies".

TEST RESULTS:

<u>Flame Spread Rating</u>	<u>Smoke Developed Classification</u>
10	5

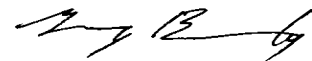
Detailed test results are presented in the subsequent pages of this report.

Prepared By



Brian Ortega
Test Technician

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



Greg Banasky
Senior Test Technician

PREPARATION: The sample material was cut into three pieces 24" wide by 8 feet long conforming to test chamber dimensions. The sample material was adhered to cement board with a clay based adhesive.

SAMPLE CONDITIONING: Prior to testing the test specimens were conditioned to a constant weight at a temperature of $73.4 \pm 5^{\circ} \text{ F}$ ($23 \pm 2.8^{\circ} \text{ C}$) and a relative humidity of $50 \pm 5 \%$.

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

TEST RESULTS:	<u>Flame Spread Values</u>	<u>Smoke Developed Values</u>
	Test No. 1 8.33	6.16
	Test No. 2 8.38	5.34
	Test No. 3 <u>8.51</u>	<u>6.42</u>
	Average 8.41	5.97

Rounded Average Flame Spread Rating (FSR): 10

Rounded Average Smoke Developed Classification (SDC): 5

CAN/ULC S102-10 TEST DATA SHEET:

CLIENT: YORK WALLCOVERINGS. **DATE:** 10/29/14

SAMPLE: 20 oz. Printed & Embossed Non-woven backed Vinyl Wallcovering (OH) adhered to cement board,
Test No 1

FLAME SPREAD:

IGNITION: 1 minute, 27 seconds

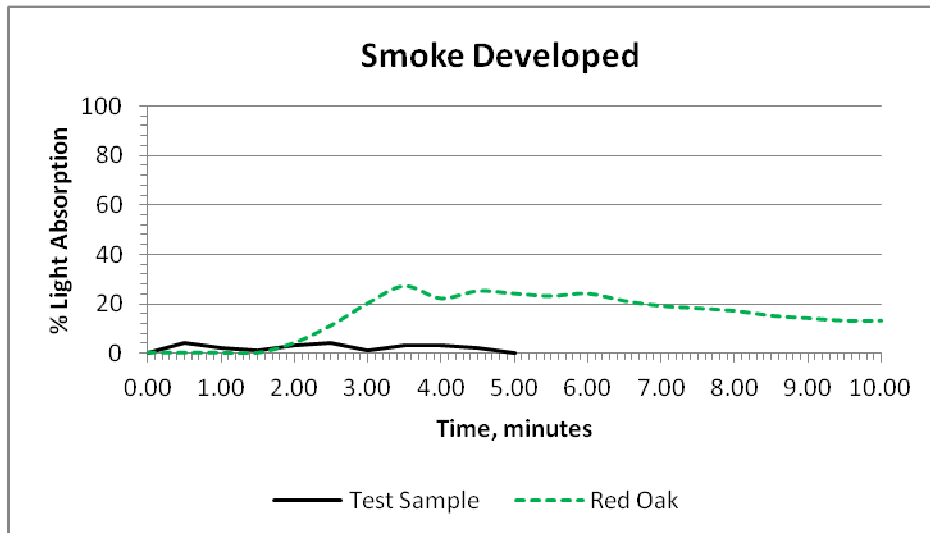
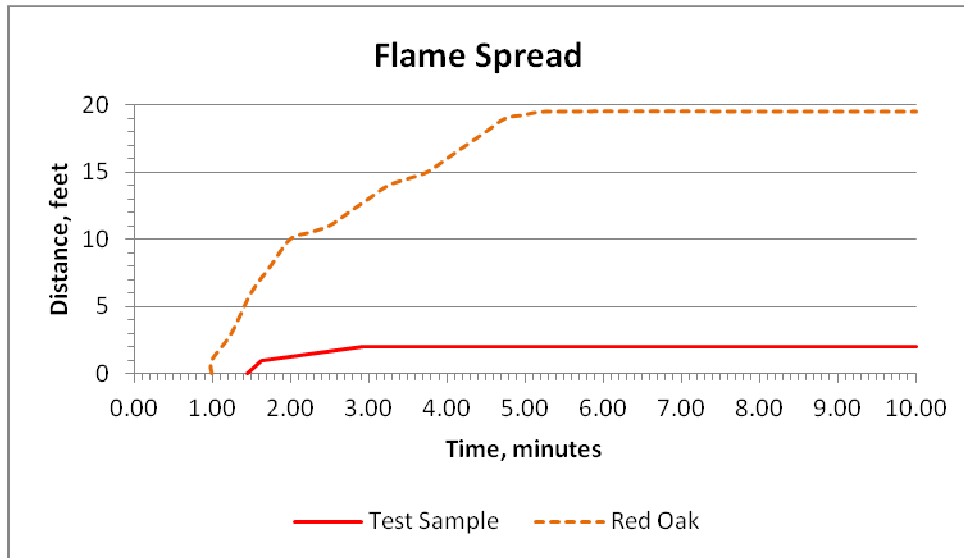
FLAME FRONT: 2 feet maximum

TIME TO MAXIMUM SPREAD: 2 minutes, 55 seconds

TEST DURATION: 5 minutes

CALCULATION: $16.18 \times 0.515 = 8.33$

SUMMARY: FLAME SPREAD: 8.33 **SMOKE DEVELOPED:** 6.16



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CAN/ULC S102-10 TEST DATA SHEET:

CLIENT: YORK WALLCOVERINGS. **DATE:** 10/29/14

SAMPLE: 20 oz. Printed & Embossed Non-woven backed Vinyl Wallcovering (OH) adhered to cement board,
Test No 2

FLAME SPREAD:

IGNITION: 1 minute, 23 seconds

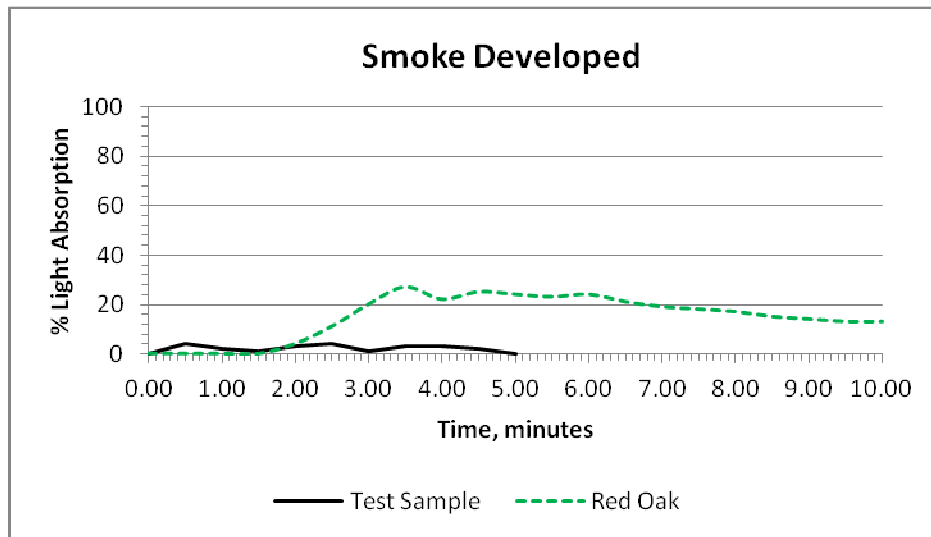
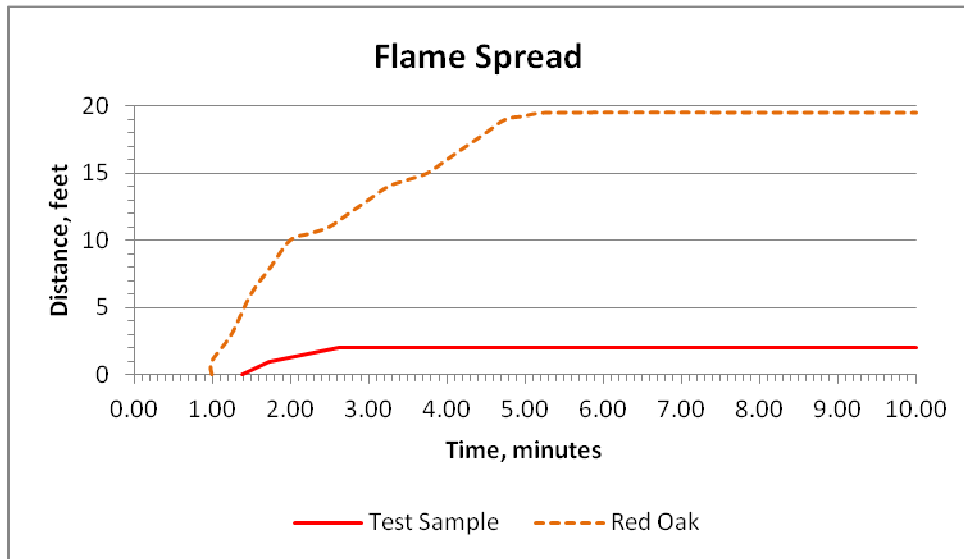
FLAME FRONT: 2 feet maximum

TIME TO MAXIMUM SPREAD: 2 minutes, 37 seconds

TEST DURATION: 5 minutes

CALCULATION: 16.27 x 0.515 = 8.38

SUMMARY: FLAME SPREAD: 8.38 **SMOKE DEVELOPED:** 5.34



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CAN/ULC S102-10 TEST DATA SHEET:

CLIENT: YORK WALLCOVERINGS. **DATE:** 10/29/14

SAMPLE: 20 oz. Printed & Embossed Non-woven backed Vinyl Wallcovering (OH) adhered to cement board,
Test No 3

FLAME SPREAD:

IGNITION: 1 minute, 22 seconds

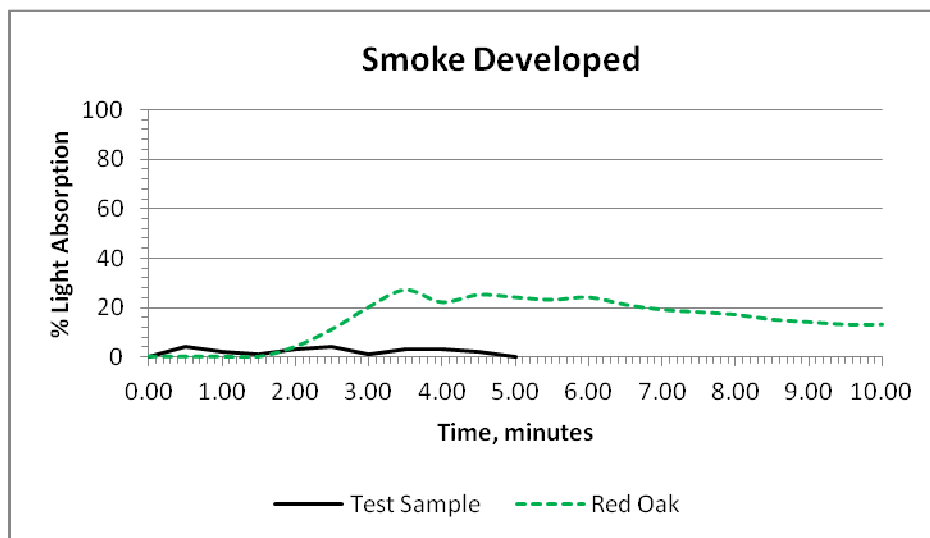
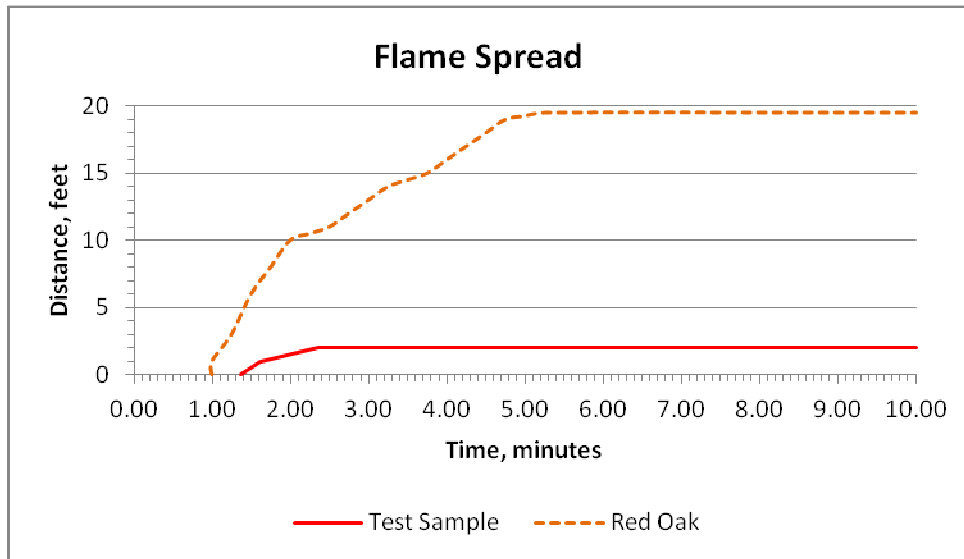
FLAME FRONT: 2 feet maximum

TIME TO MAXIMUM SPREAD: 2 minutes, 21 seconds

TEST DURATION: 5 minutes

CALCULATION: 16.53 x 0.515 = 8.51

SUMMARY: FLAME SPREAD: 8.51 **SMOKE DEVELOPED:** 6.43



End of Report