

CLIENT: Real Wood Veneer, LLC.
2825 Commerce Parkway
North Port, FL 34289

Test Report No: TJ5895	Date: November 30, 2018
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SAMPLE ID: The client identified the following test material as “Real Wood Veneer comprising natural wood veneer bonded to a thermafoil core with a paper balancer laminated to 1/2" dry wall. Veneer finished with 2 coats of dura finish and a clear top coat of #000281”

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 facilities on November 26, 2018

TESTING PERIOD: November 29, 2018

AUTHORIZATION: Signed work order 18SP113004 by Ian Dill

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	30

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

Prepared By



Daniel Barnett
Project Manager

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



J. Brian McDonald
Operations Manager

PREPARATION AND CONDITIONING: The sample was submitted in one panel 24 feet long measuring 24 inches wide and approximately 0.0625 inch thick. The sample material was placed into conditioning at 73°F (±5°F) and 50% (±5%) relative humidity until day of testing.

MOUNTING METHOD: The sample was supported during testing by 2" hexagonal mesh poultry netting running the length of the test chamber and ¼" round metal rods placed at 2' intervals across the width of the test chamber.

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	9.8	29
Test No. 2	9.5	25
Test No. 3	<u>9.8</u>	<u>29</u>
Average	9.7	27.7

Rounded Average Flame Spread Rating (FSR): 10

Rounded Average Smoke Developed Classification (SDC): 30

CAN/ULC S102-10 TEST DATA SHEET: (Test 1)

CLIENT: Real Wood Veneer **DATE:** November 29, 2018

SAMPLE: Real Wood Veneer comprising natural wood veneer bonded to a thermafoil core with a paper balancer laminated to 1/2" dry wall. Veneer finished with 2 coats of dura finish and a clear top coat of #000281

IGNITION: 27 seconds

FLAME FRONT: 2 feet maximum

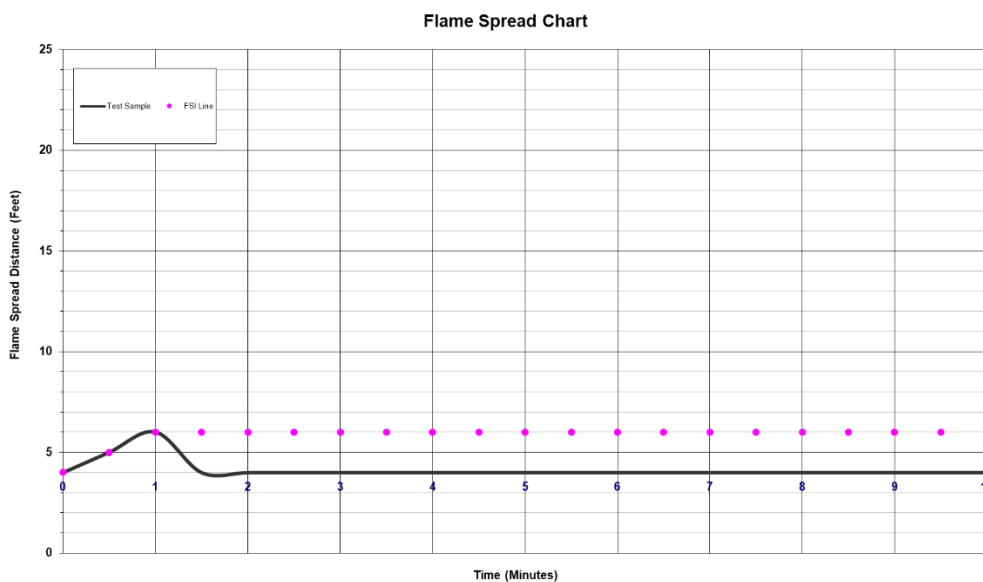
TIME TO MAXIMUM SPREAD: 1 minute

TEST DURATION: 10 minutes, 00 seconds

SUMMARY: **FLAME SPREAD:** .9.8 **SMOKE DEVELOPED:** 29

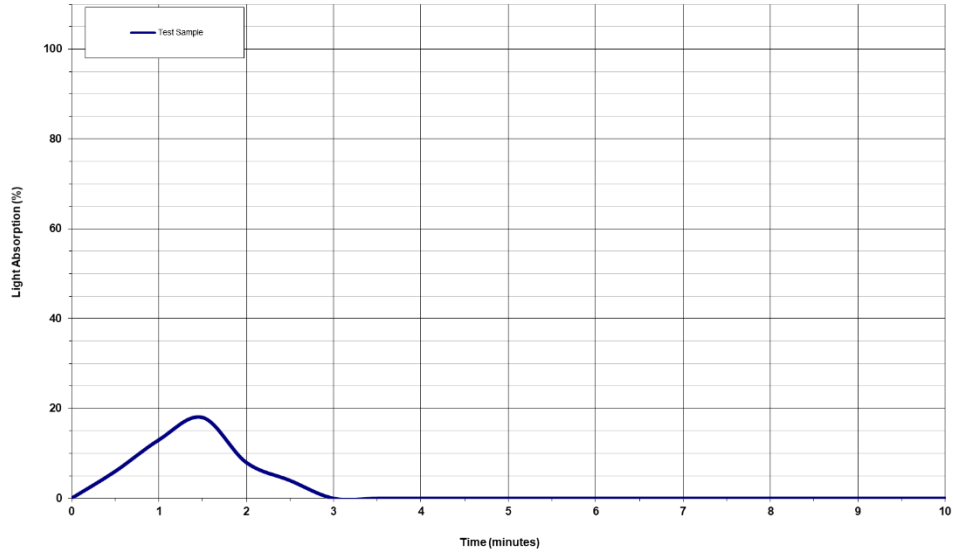
OBSERVATIONS:

Sample ignited 27 seconds after the start of the test. Charring and blistering of the sample was observed shortly after ignition. At the conclusion of the test afterglow was observed.

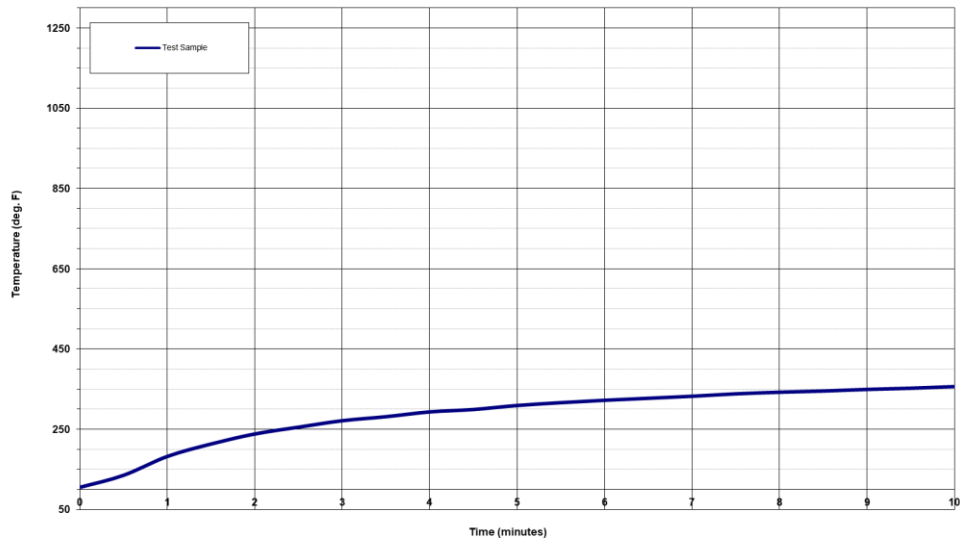


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Smoke Developed Chart



Temperature - Time Curve



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CAN/ULC S102-10 TEST DATA SHEET: (Test 2)

CLIENT: Real Wood Veneer **DATE:** November 29, 2018

SAMPLE: Real Wood Veneer comprising natural wood veneer bonded to a thermafoil core with a paper balancer laminated to 1/2" dry wall. Veneer finished with 2 coats of dura finish and a clear top coat of #000281

IGNITION: 25 seconds

FLAME FRONT: 2 feet maximum

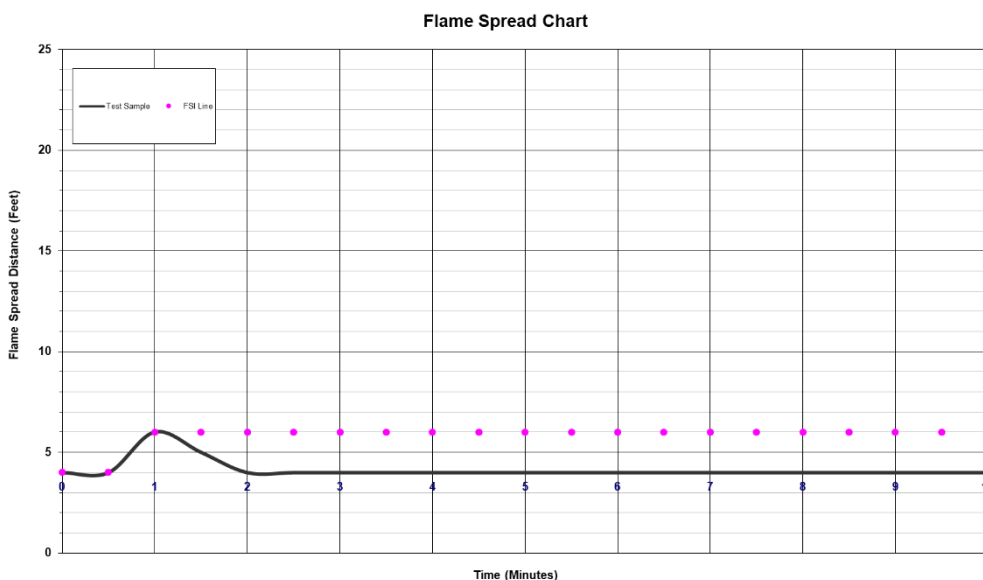
TIME TO MAXIMUM SPREAD: 1 minute

TEST DURATION: 10 minutes, 00 seconds

SUMMARY: **FLAME SPREAD:** .9.5 **SMOKE DEVELOPED:** 25

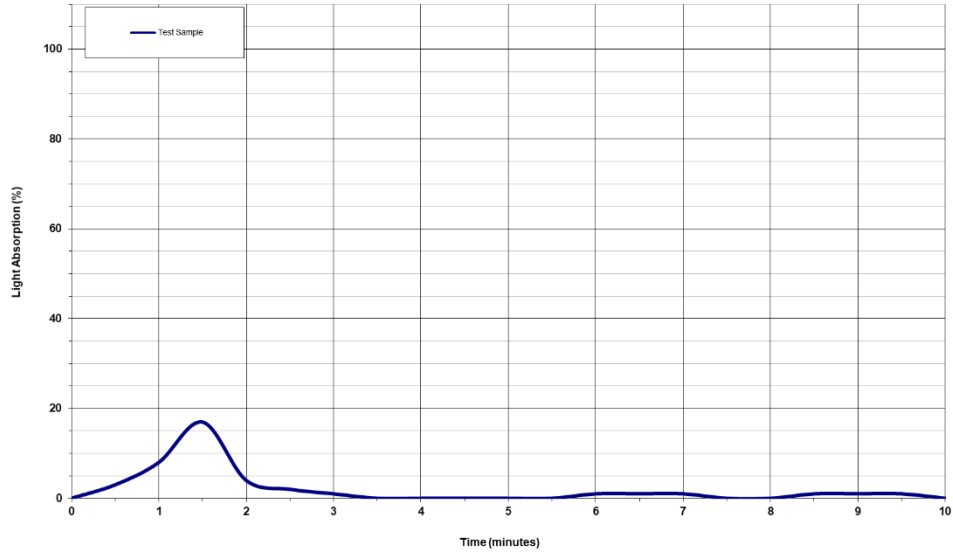
OBSERVATIONS:

Sample ignited 25 seconds after the start of the test. Charring and blistering of the sample was observed shortly after ignition. At the conclusion of the test afterglow was observed.

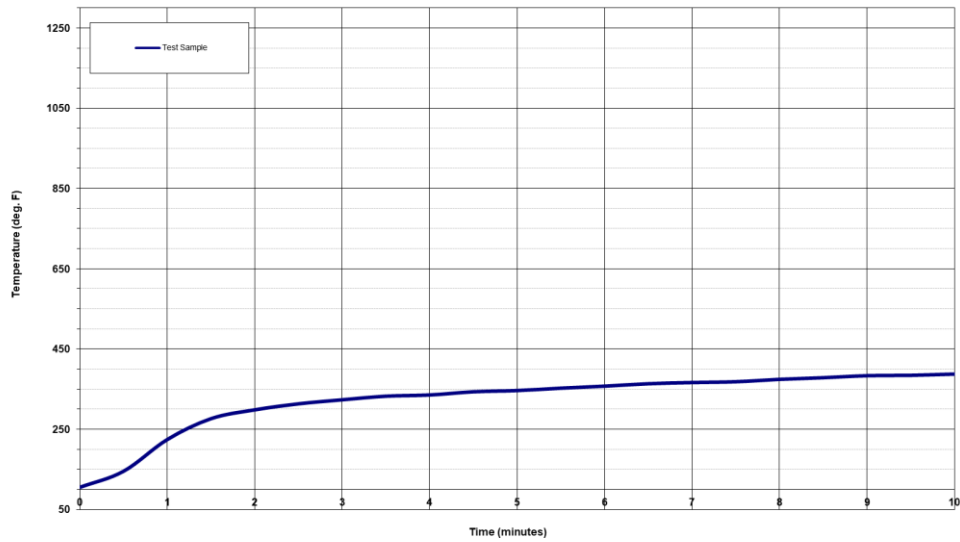


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Smoke Developed Chart



Temperature - Time Curve



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CAN/ULC S102-10 TEST DATA SHEET: (Test 3)

CLIENT: Real Wood Veneer **DATE:** November 29, 2018

SAMPLE: Real Wood Veneer comprising natural wood veneer bonded to a thermafoil core with a paper balancer laminated to 1/2" dry wall. Veneer finished with 2 coats of dura finish and a clear top coat of #000281

IGNITION: 25 seconds

FLAME FRONT: 2 feet maximum

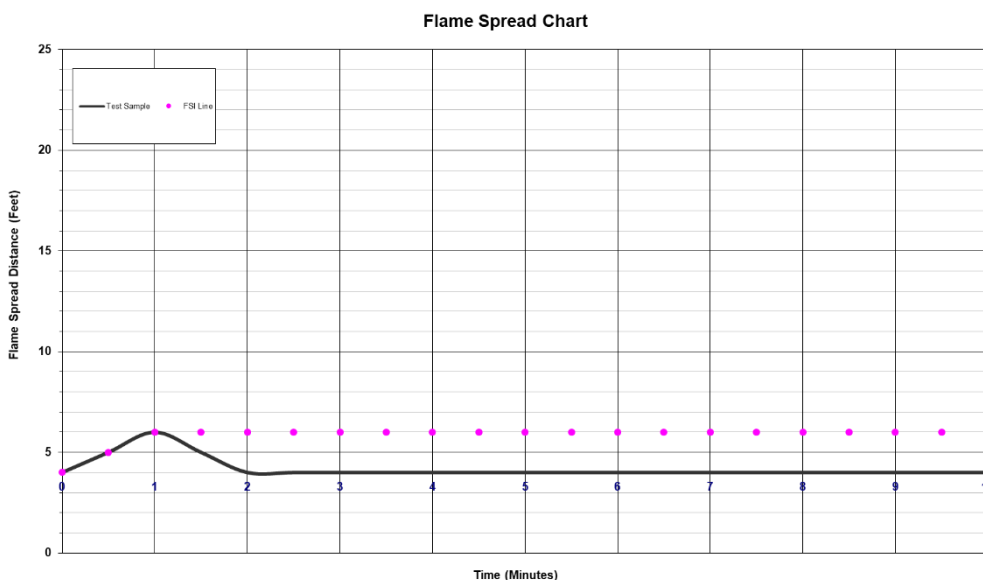
TIME TO MAXIMUM SPREAD: 1 minute

TEST DURATION: 10 minutes, 00 seconds

SUMMARY: **FLAME SPREAD:** .9.8 **SMOKE DEVELOPED:** 29

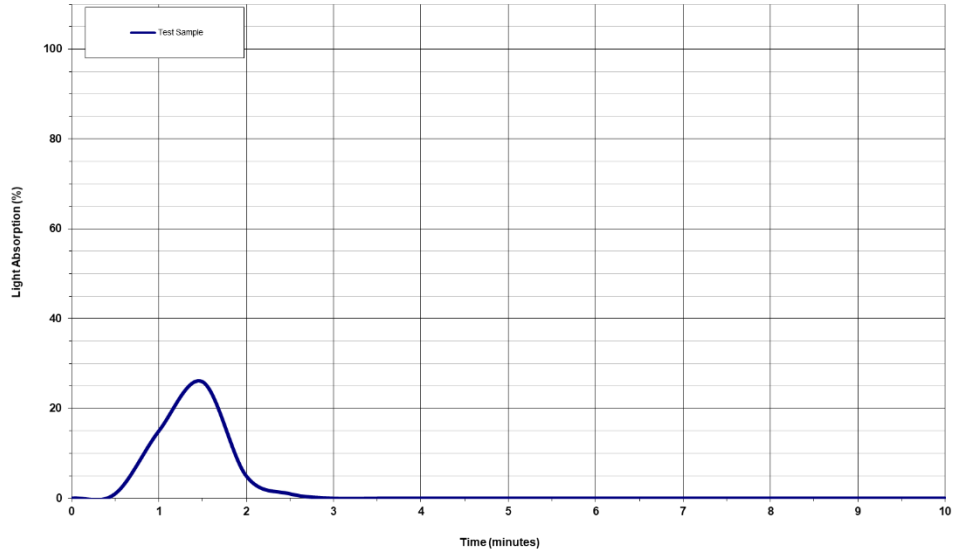
OBSERVATIONS:

Sample ignited 26 seconds after the start of the test. Charring and blistering of the sample was observed shortly after ignition. At the conclusion of the test afterglow was observed.

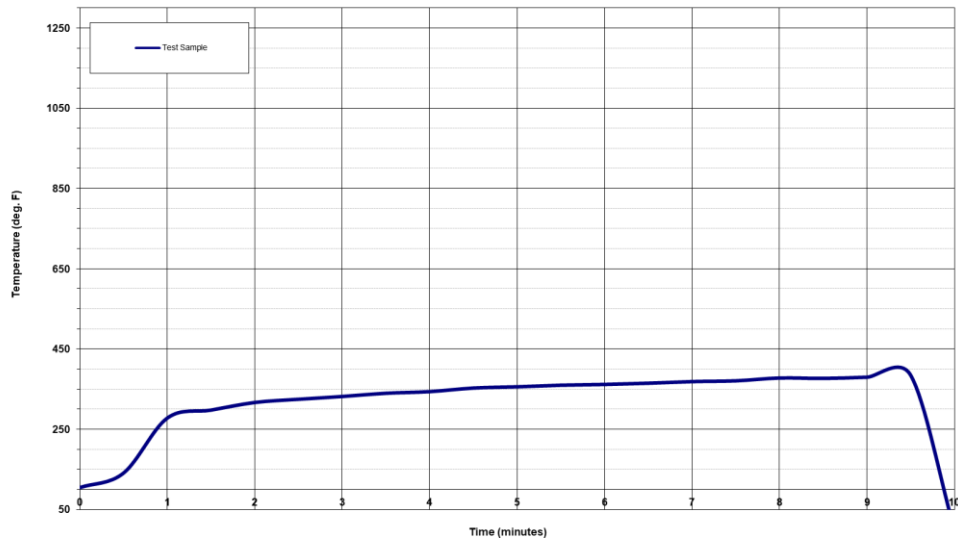


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Smoke Developed Chart



Temperature - Time Curve



END OF TEST REPORT

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