



July 7, 2014

Reference: File SV29730 Project 4786420468
Subject: Surface Burning Characteristics of Sagiper Sagirev Panels

The following is a summary of the test results obtained on plastic panels designated by PANTERA INTERNATIONAL IMPORTING & EXPORTING INC as "Sagiper Sagirev Panels" under Project 4786420468. The testing was conducted at ULC's test facility in Toronto and completed on July 4, 2014.

The tests were conducted in general accordance with the Standard, CAN/ULC-S102.2-10, *Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies*, Seventh Edition.

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Underwriters Laboratories of Canada authorizes the above named company to reproduce this Report provided it is reproduced in its entirety. Underwriters Laboratories Canada did not witness the production of the test samples nor were we provided with information relative to the formulation or identification of component materials used in the test samples. The test results relate only to the items tested and may not apply to subsequently produced samples or assemblies.

The sole purpose of this investigation was to provide fire test data for the plastic panels submitted and tested in general accordance with the requirements of CAN/ULC-S102.2-10. This data should not be considered representative of test results for other plastic panels in the absence of testing the product in accordance with CAN/ULC-S102.2-10.

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Very truly yours,

Handwritten signature of Beny Spensieri, Jr. in black ink.

Beny Spensieri, Jr., B.A.Sc.
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Reviewed by:

Handwritten signature of G. Abbas Nanji in black ink.

G. Abbas Nanji, P.Eng.
Section Manager
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TEST METHOD:

The tests were conducted in general accordance with the Standard, CAN/ULC-S102.2-10, *Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies*, Seventh Edition.

Samples consisted of plastic panels 10 mm thick, 166 mm wide, and 2442 mm long. A total of nine panels were used per test. The panels were laid edge to edge widthwise, and end to end length wise. Three panels were cut to 125 mm wide so the assembly would fit to the width of the furnace floor.

The test specimens were conditioned to constant mass at a temperature of $23 \pm 3^\circ\text{C}$ and at a relative humidity of 50 ± 5 percent prior to testing.

The test specimens were laid on the floor of the tunnel furnace. A 350 mm long by 560 mm wide by 1.6 mm thick, uncoated, steel plate was placed on the specimen mounting ledge at the fire end of the tunnel furnace "upstream" from the gas burners to complete the 7620 mm chamber length. An airtight water seal was maintained around the furnace lid during the test.

RESULTS:

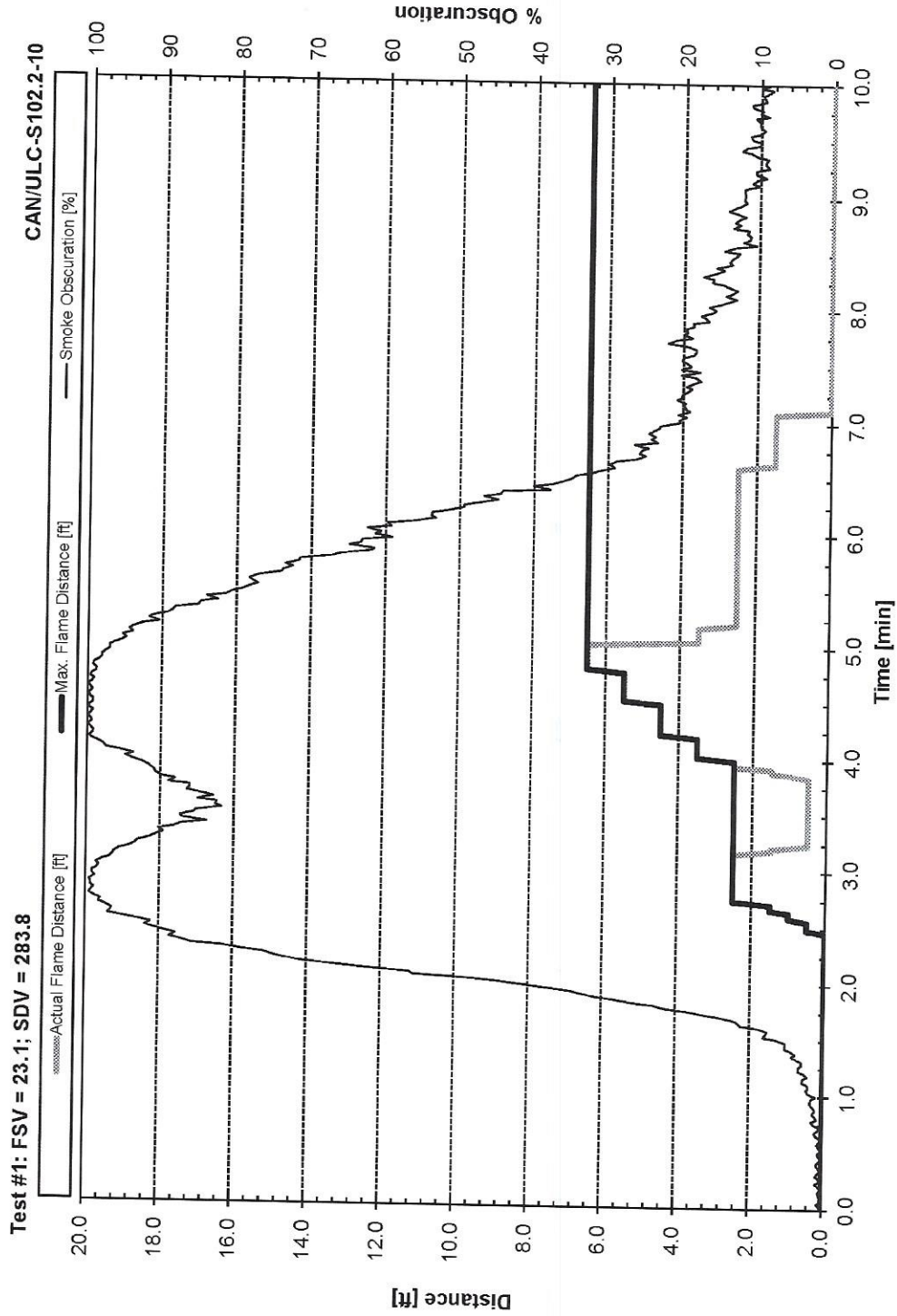
A summary of test results is tabulated below. Graphical plots of flame spread and light transmission data are attached. The test results relate only to the actual samples tested.

Test No.	Sample Description	Calculated Values	
		Flame Spread Value (FSV)	Smoke Developed Value (SDV)
1	Sagiper Sagirev Panels	23.1	283.8
2	Sagiper Sagirev Panels	21.9	312.5
3	Sagiper Sagirev Panels	22.7	341.2

The surface burning characteristics of Sagiper Sagirev Panels described herein warrants the assignment of the following rating or classification in comparison to untreated red oak as 100 and inorganic reinforced cement board as 0.

Material Details	Rating or Classification	
	Flame Spread Rating (FSR)	Smoke Developed Classification (SDC)
Sagiper Sagirev Panels	25	315

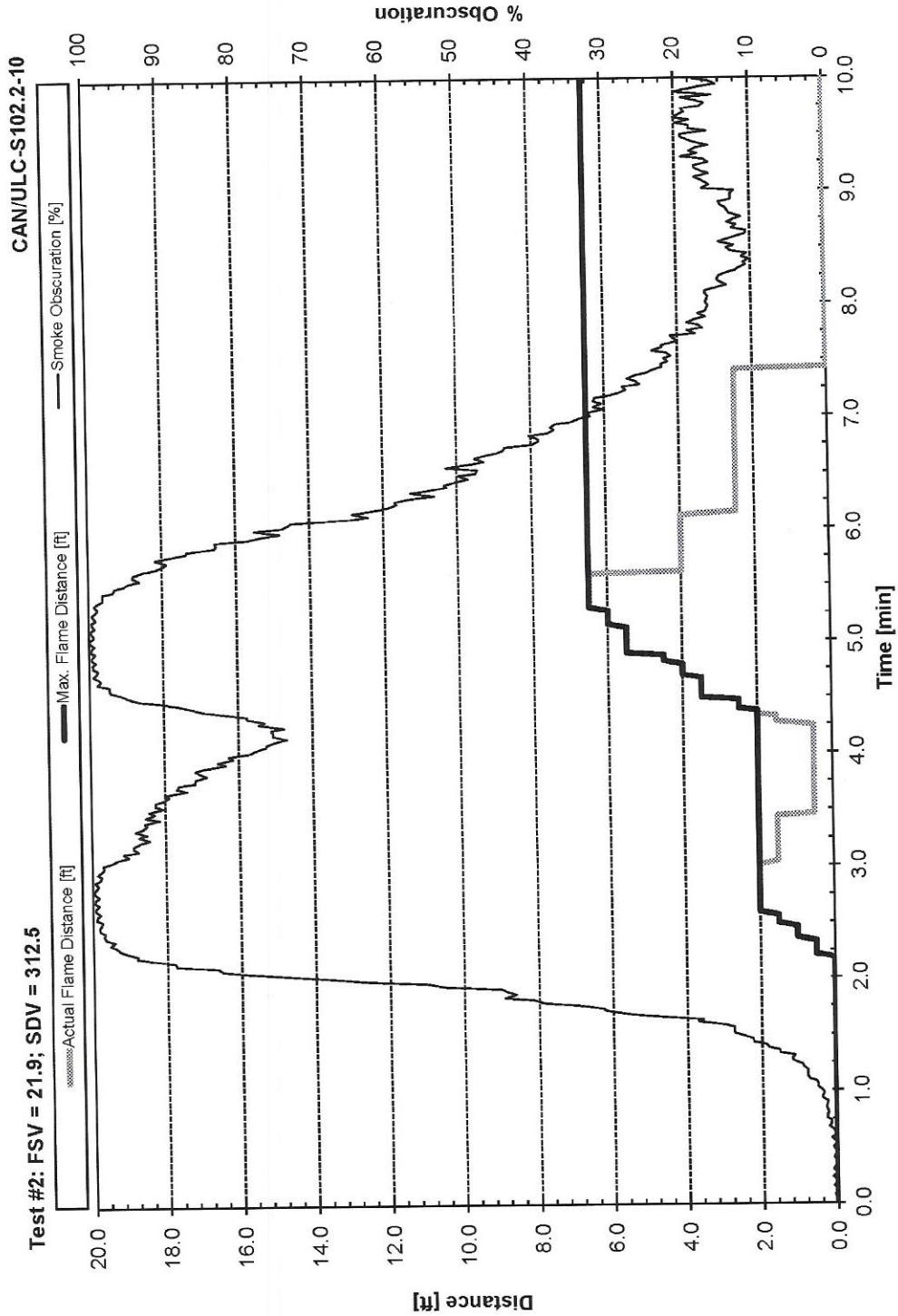
SURFACE BURNING CHARACTERISTICS
 PANTERA INTERNATIONAL IMPORTING AND EXPORTING
 Sagpiper PVC Planks



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Test Date: July 4, 2014 10:32:14 AM

SURFACE BURNING CHARACTERISTICS
 PENTERA INTERNATIONAL IMPORTING AND EXPORTING INC
 Sagpiper PVC Planks



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File: SV29730 Project: 4786420468

SURFACE BURNING CHARACTERISTICS
PENTERA INTERNATIONAL IMPORTING AND EXPORTING
Sagpiper PVC Planks

