American Flamecoat Inc.

520 Eagleton Downs Dr.
Suite D
Pineville, NC 28134
704-405-2550
americanflamecoat.com

Client: Pierre Frey
47 rue Des Petits Champs
75001 Paris
France

Test Report No: 415153 Date: 4-15-2015

The Following sample was submitted by the client as: EW 220 gsm-520 gsm

DATE OF RECEIPT: 4-06-2015

TESTING PERIOD: 4-15-2015

TEST REQUESTED: The submitted sample was tested for flammability in accordance with the procedures outlined in ASTM E-84-98.

SIGNED

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INTRODUCTION:

This report presents test results of Flame Spread and Smoke Developed Value per ASTM E-84-98. The report also includes Material Identification, Method of Preparation, Mounting and Conditioning of the specimens.

The test were performed in accordance with the specifications set forth in ASTM E-84-98, Standard Test Method for Surface Burning Characteristics of Building Materials, both as to equipment and test procedures. This test procedure is similar to UL-723, ANSI NO. 2.5, NFPA No. 255 and UBC 42-1.

The test results cover two parameters: Flame Spread and Smoke Developed Values during the 10-minute fire exposure. Inorganic cement board and red oak flooring are used as comparative standards and their responses are assigned arbitrary values of 0 and 100 respectively.

PREPARATION AND CONDITIONING:

Shur-stik III Vinyl Wallcovering Adhesive was applied to three (3) 2-feet x 8-feet sections of IC board. The sample was placed over the adhesive and allowed to cure.

The sample was conditioned at 73 +/- 5 Fahrenheit and 50 +/- relative humidity.

TEST PROCEDURE: Adhered

The tunnel was thoroughly pre-heated by burning natural gas. When the brick temperature, sensed by a floor thermocouple, had reached the prescribed 105 Fahrenheit +/- 5 Fahrenheit level, the sample was inserted in the tunnel at test conducted in accordance with the standard ASTM E-84-98 procedures.

The operation of the tunnel was checked by performing a 10-minute test with inorganic board the day of the test.

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TEST RESULTS:

The test results, calculated in accordance with ASTM E-84-98 for Flame Spread and Smoke Developed Values are as follows:

Test Specimen: EW 220 gsm to 520 gsm
Flame Index* 15
Smoke Developed Value* 225

Observation: The Tested Material *Meets* the Requirements for ASTME-84

Rating: Class A

The National Fire Protection Association Life Safety Code 101, Section 6-5.3, "Interior Wall and Ceiling Finish Classification", has a means of classifying materials with respect to Flame Spread and Smoke Developed when tested in accordance with NFPA 255, "Method of Test of Surface Burning Characteristics of Building Materials", (ASTM E-84)

The classifications are as follows:

Class A Interior Wall & Ceiling Finish:	Flame Spread-		0-25
	Smoke Developed-	0-450	
Class B Interior Wall & Ceiling Finish:	Flame Spread-		26-75
	Smoke Developed-	0-450	
Class C Interior Wall & Ceiling Finish:	Flame Spread-		76-200
	Smoke Developed-	0-450	

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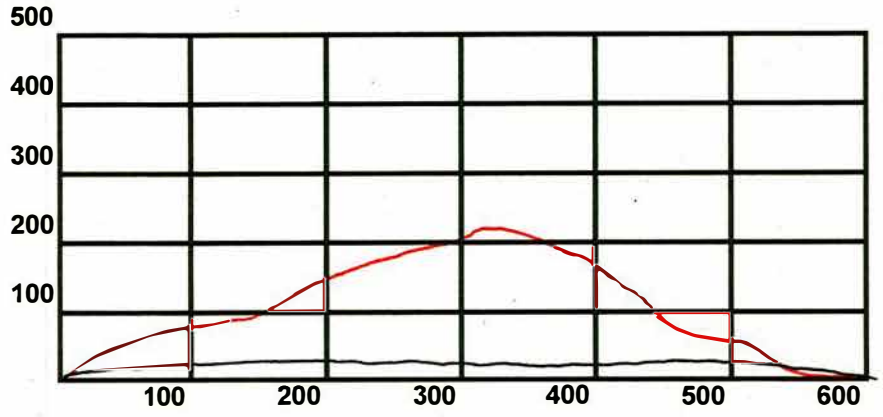
Smoke Developed:



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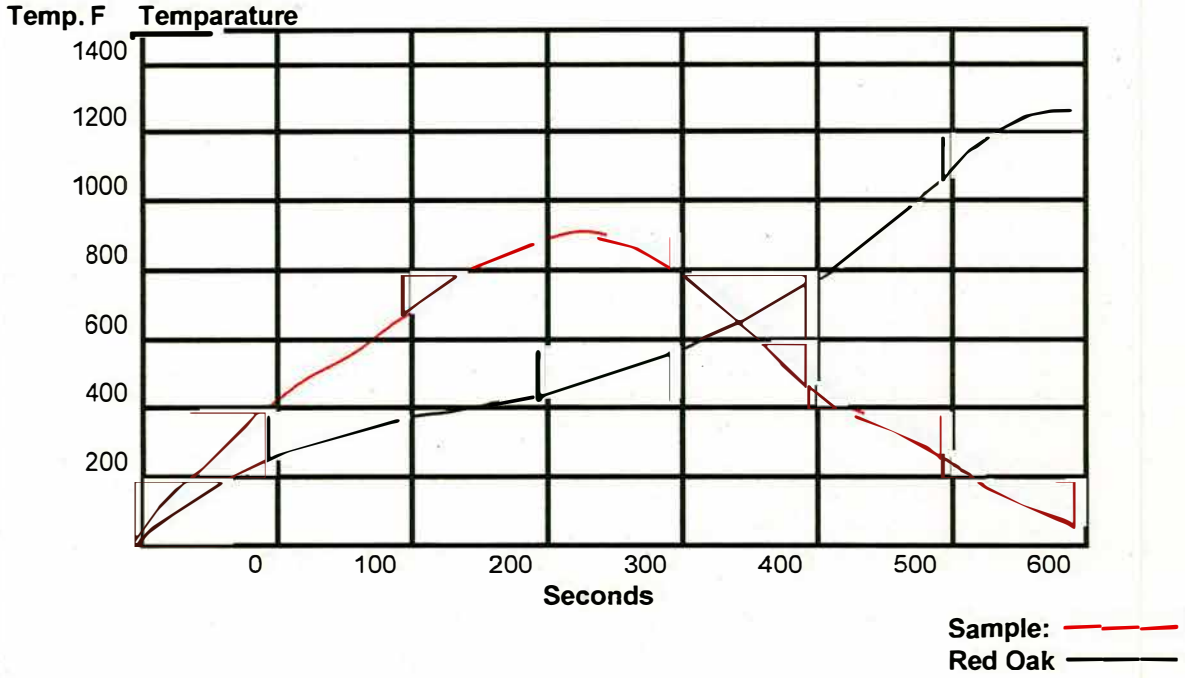

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Flame Spread