



# American Flamecoat Testing

521 Eagleton Downs Dr.  
Suite F  
Pineville, NC 28134  
704-543-0903

Client: Lori Weitzner  
54 W. 21<sup>st</sup> Street Ste 404  
New York, NY 10010

Test Report No: 5442.8

Date: 12-11-09

The Following sample was submitted by the client as: Solaro

SHOAL

DATE OF RECEIPT: 12-9-09

TESTING PERIOD: 12-11-09

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



SIGNED





# American Flamecoat Testing

521 Eagleton Downs Dr.  
Suite F  
Pineville, NC 28134  
704-543-0903

Lori Weitzner  
54 W. 21<sup>st</sup> Street, Ste 404  
New York, NY 10010

5442.8

Date: 12-9-09

## **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:**      \*TESTED 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.



# American Flamecoat Testing

521 Eagleton Downs Dr.  
Suite F  
Pineville, NC 28134  
704-543-0903

Lori Weitzner  
54 W. 21<sup>st</sup> Street Ste 404  
New York, NY 10010

Date: 12-11-09

## 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 SOLARO  
Flame Index\* \*10\*  
Smoke Developed Value\* \*95\*

**Observation:** THE ABOVE TESTED MATERIAL MEETS THE CLASS A REQUIREMENTS.

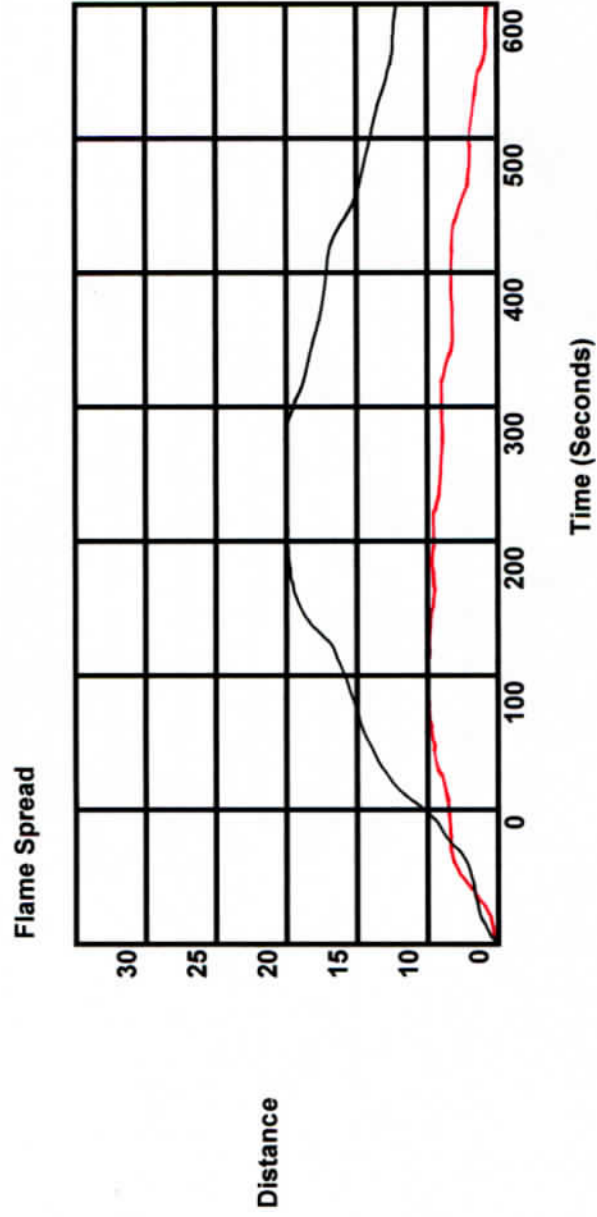
**Rating:** \*CLASS A\*

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)

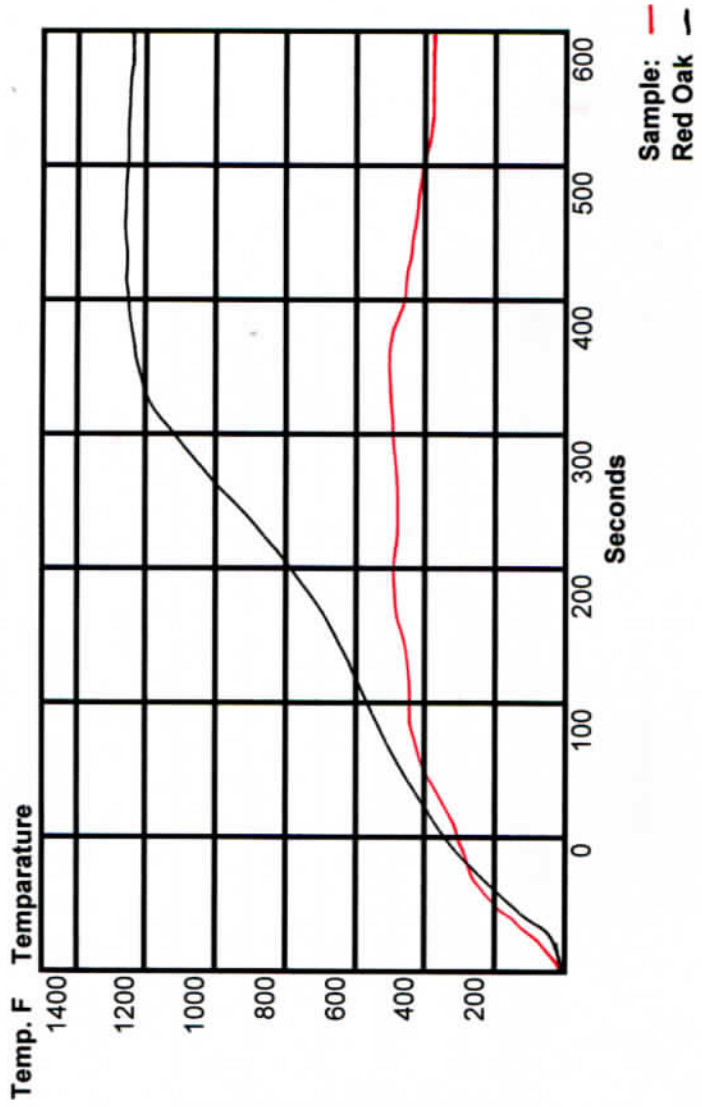
The classifications are as follows:

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

Client: Lori Weitzner Design  
Report No.:  
Sample ID: Solaro



Client: Lori Weitzner Design  
Report No.:



Client: Lori Weitzner Design

Report #:

Sample: Solaro

Smoke Developed:

