



**American  
Flamecoat  
Testing**

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

Client: Roysons  
40 Vanderhoof Avenue  
Rockaway, NJ 07866

Test Report No: 402145

Date: 4-03-2014

The sample was submitted by the client as: 1 ply 5 oz DS Nolar Non-Vinyl Wallcovering

DATE OF RECEIPT: 3-27-2014

TESTING PERIOD: 4-01-2014

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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#: 402145  
Date: 4-03-2014

### **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 Type X gypsum 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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#: 402145  
Date: 4-02-2014

## **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: 1 ply 5 oz DS Nolar Non-Vinyl Wallcovering  
Flame Index\* 15  
Smoke Developed Value\* 180

**Observation: Tested Material Meets the standard for ASTM E-84**

## **Rating: Class A**

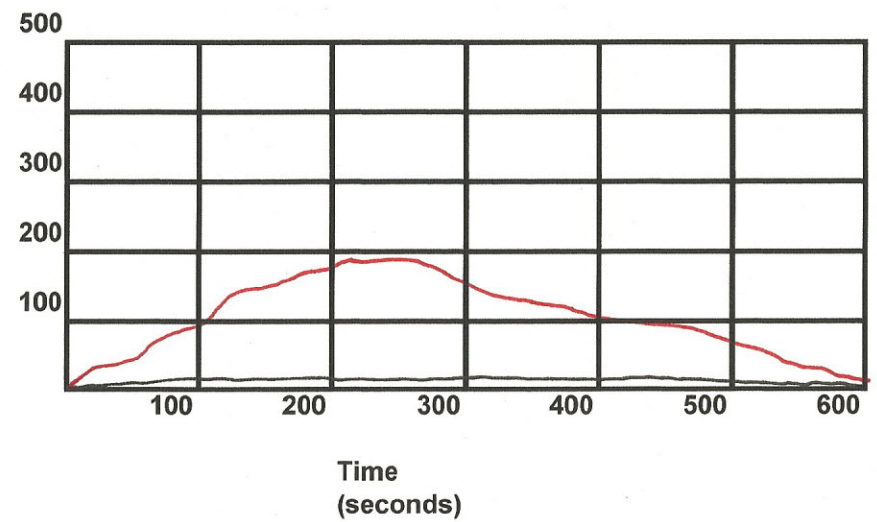
The National Fire Protection Association Life Safety Code 101, Section 6-5.3, "Interior Wall and Ceiling Finish Classification", has a means of classifying materials with respect to Flame Spread and Smoke Developed when tested in accordance with NFPA 255, "Method of Test of Surface Burning Characteristics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

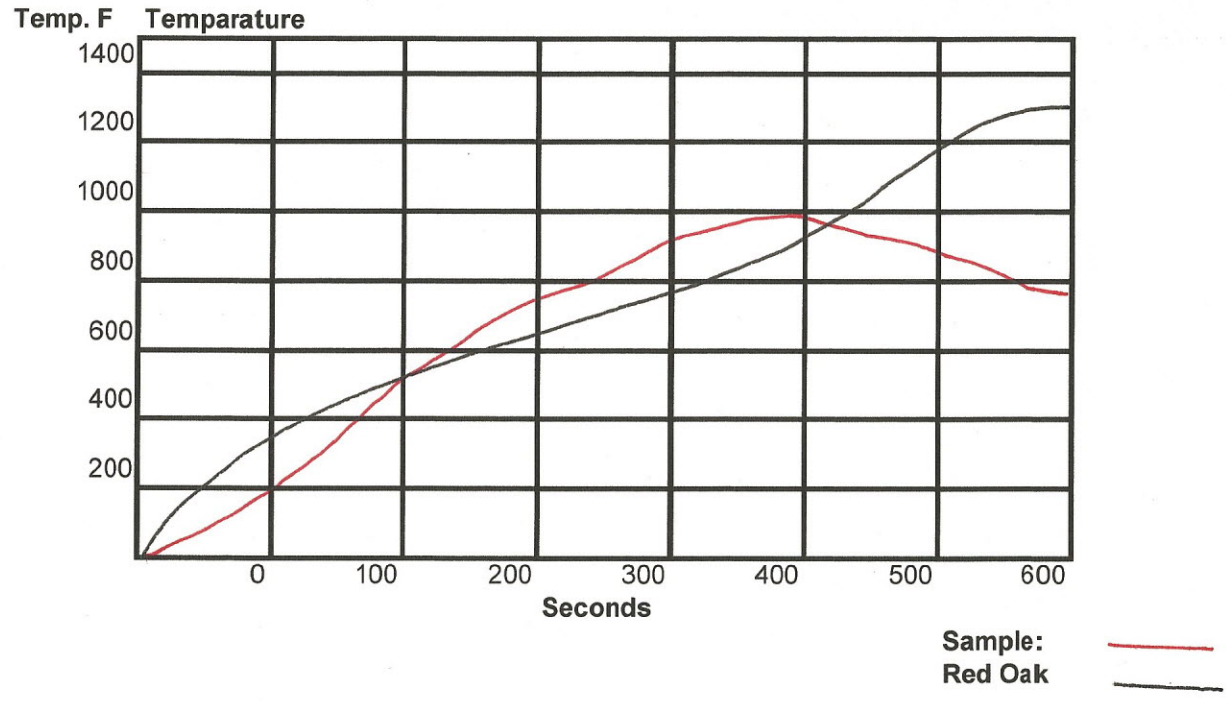
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**Sample:** 1 ply 5 oz DS Nolar Non-Vinyl Wallcovering

**Smoke Developed:**





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**Flame Spread**

