

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

Client: Roysons

40 Vanderhoof Avenue Rockaway, NJ 07866

Test Report No: 923141

Date: 9-24-2014

The sample was submitted by the client as: "2 PLY 20oz Glitter New Scrim"

DATE OF RECEIPT: 9-19-2014

TESTING PERIOD: 9-22-2014

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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### **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: "2 PLY 20oz Glitter New Scrim" Flame Index\* 10 Smoke Developed Value\* 105

Observation: Tested Material Meets the standard for ASTME-84

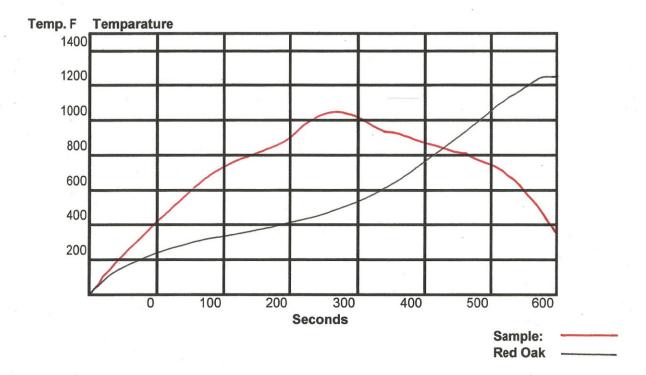
### Rating: Class A

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  |

Client: Roysons Report #: 923141

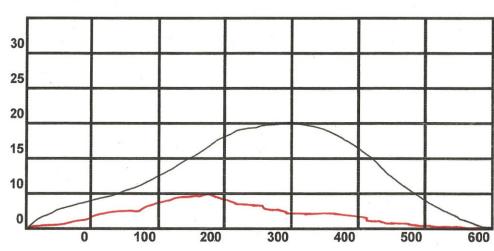
Sample: 2 Ply 20oz Glitter New Scrim



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# Flame Spread

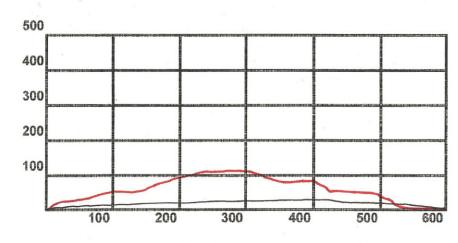
Distance



Time (Seconds)

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# Smoke Developed:



Time (seconds)