



| Test Specimen | Flame Spread Index | Smoke Developed |
|-------------------------|--------------------|-----------------|
| Reinforced Cement Board | 0 | 0 |
| Red Oak Flooring | 100 | 100 |
| Both Sides Now | 10 | 0 |

SPECIMEN DATA

| | |
|------------------|--------------|
| TIME TO IGNITION | 00.37 (MIN) |
| MAXIMUM FS | 02.70 (FEET) |
| TIME TO MAX FS | 04.90 (MIN) |

According to the standard classification system cited by building codes, this fabric is:

Class 1 or A

Code officials frequently use the Flame Spread Index and Smoke Developed Index values obtained by the ASTM E-84 test and regulatory agencies in the acceptance of interior finish materials for various applications. The most widely accepted classification system is described in the National Fire Protection Association publication NFPA 101 Life Safety Code, where:

Standard Classification System:

| <u>Class</u> | <u>Flame Spread Index</u> | <u>Smoke Development Rating</u> |
|--------------|---------------------------|---------------------------------|
| 1 or A | 0 - 25 | 0 - 450 maximum |
| 2 or B | 26 - 75 | 0 - 450 maximum |
| 3 or C | 76 - 200 | 0 - 450 maximum |

Class A, B and C corresponds to Type I, II, and III respectively in other codes such as SBCCI, BOCA, and ICBO. They do not preclude a material being otherwise classified by the authority of jurisdiction.

The description of the test procedure and specimen evaluated, as well as the observations and results obtained, contained herein are true and accurate within the limits of sound engineering practice. These test results were obtained from an outside source. A copy of the original document is kept on file at Applied Textiles.