

## Results:

Test Specimen	Flame Spread Index	Smoke Developed Index
Reinforced Cement Board	0	0
Red Oak Flooring	100	100
<b>Turtle Coat</b>	25	10

Testing Performed by: Commercial Testing Company

## Observations:

Turtle Coat: Specimen ignition over the burners occurred at 0.67 minute. Surface flame spread was observed to a maximum distance of 4.97 feet beyond the zero point at 1.38 minutes. The maximum temperature recorded during the test was 573°F.

## Classification:

The Flame Spread Index and Smoke Developed Index values obtained by the ASTM E 84 test are frequently used by code officials 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:

Class A 0 - 25 Flame Spread Index 0 - 450 Smoke Developed Index

Class B 26 - 75 Flame Spread Index 0 - 450 Smoke Developed Index

Class C 76 - 200 Flame Spread Index 0 - 450 Smoke Developed Index

Class A, B, and C correspond 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.