



# COMMERCIAL TESTING COMPANY

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Report Number 07-04360.4

Masland Carpets, Inc.  
Saraland, Alabama

Test Number 3886-7669  
April 25, 2007

GSA Testing  
Flammability – Flooring Radiant Panel Test

**Applicable Document:** General Services Administration, National Furniture Center, 3FNE-00-591a *Technical Requirements Booklet for Carpet, Carpet Tiles and Carpet Cushion*, FSC Group 72, Part I, Section A dated April 30, 2002 (Revised November 15, 2002)

**Test Method:** The radiant panel test was conducted in accordance with the ASTM test method E 648, *Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source*. The floor covering was tested as a glue-down floor-covering system using Henry 356 adhesive over a simulated concrete (reinforced cement board) subfloor. Classification is based on the GSA 3FNE-00-591a dated April 30, 2002 (Revised November 15, 2002) Technical Requirements Booklet, page 12, where Class A material has an average critical radiant flux of  $\geq 0.45$  W/cm<sup>2</sup> and a Class B material has an average critical radiant flux of  $\geq 0.22$  W/cm<sup>2</sup>. In either case, the specific optical density of the smoke when tested in the flaming mode shall not exceed 450. (NOTE: A Class C carpet must pass the Pill Test only.)

**Material Tested:**

GSA Contract Number: GS-27F-5049C

Roll Number: 418986

Special Item Number: 31-303

Lot Number: 62144

Identification: T413 Oceanic

Pile Fiber: Invista 6.6 BCF Nylon

Construction: Loop Pile Carpet Tile

Backing: Marchem V1727-80

Color: 14301 Top Sail

**Test Result:**

| Specimen Number                          | 1                            | 2    | 3    |
|--|------------------------------|------|------|
| Maximum Burn Distance, cm                | 24.0                         | 21.0 | 19.5 |
| Time to Flame-Out, min                   | 12.5                         | 15.6 | 13.2 |
| Critical Radiant Flux, W/cm <sup>2</sup> | 0.82                         | 0.88 | 0.91 |
| <b>Average Critical Radiant Flux</b>     | <b>0.87 W/cm<sup>2</sup></b> |      |      |

**Note Concerning Tiles:** The tiles tested measured 24 inches by 24 inches. The test result reported herein is applicable to the size tested and to identical tiles of smaller dimensions.

Unless otherwise indicated, the test results presented herein comply with GSA 3FNE-00-591a Technical Requirements Booklet.

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(Authorized Signature)

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