



COMMERCIAL TESTING COMPANY

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Report Number 13-08018

Avant Contract
Saraland, Alabama

Test Number 4427-8814
August 1, 2013

Flooring Radiant Panel Test

Test Method: The test was conducted in accordance with ASTM International fire test response standard E 648-10, *Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source*. This test measures the critical radiant flux at flame-out of horizontally mounted floor-covering systems that duplicate or simulate accepted installation practices. The floor-covering system is exposed to a flaming ignition source in a graded radiant heat energy environment generated by a radiant panel inclined at a 30° angle to the sample. The panel generates a heat distribution along the sample length ranging from a nominal maximum of 1.0 W/cm² to a minimum of 0.1 W/cm². Tests on individual components are of limited value and are not valid for evaluation of floor-covering systems.

Floor Covering:

Identification: AMPA Patina
Construction: Loop Pile Carpet Tile
Secondary Backing: ReNova

Flooring System:

Application: Glue-Down
Subfloor: Simulated Concrete (Reinforced Cement Board)
Adhesive: Chapco Premium Vinyl Adhesive

Test Result:

	#1	#2	#3
Maximum Burn Distance (cm)	41.9	45.0	39.0
Time to Flame Out (min)	29.4	32.7	22.3
Critical Radiant Flux	0.47	0.42	0.52
Average Critical Radiant Flux	0.47 W/cm²		
Standard Deviation	0.05		

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, (Reference Section 9.1.1).

Classification: The floor-covering system tested may be classified as a **Class I** based on the NFPA 101 *Life Safety Code*, and the GSA Technical Requirements. However, care must be exercised in their use as a material may be otherwise classified by the authority having jurisdiction.

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(Authorized Signature)

This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. The test results presented in this report apply only to the samples tested and are not necessarily indicative of apparent identical or similar materials. Sample selection and identification were provided by the client. A sampling plan, if described in the referenced standard, was not necessarily followed. This report, or the name of Commercial Testing Company, shall not be used under any circumstance in advertising to the general public.