COMMERCIAL TESTING COMPANY
1215 South Hamilton Street • Post Office Box 985 • Dalton, Georgia 30722
Telephone (706) 278–3935 • Facsimile (706) 278–3936

Report Number 07–05400

Shaw Industries / Patcraft
Dalton, Georgia

Test Number 3899–8320
May 23, 2007

Flooring Radiant Panel Test

Test Method: The test was conducted in accordance with ASTM International fire test response standard E 648-06, *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/cm^2 to a minimum of 0.1 W/cm^2. Tests on individual components are of limited value and are not valid for evaluation of floor–covering systems.

Floor Covering:

Style Name: Avante Garde
Style Number: I0156
Construction: Loop Pile
Roll Number: 036842W

Backing Type: Everbond EX
Shaw Test Number: 051107–13
Total Weight: 65.1 oz/yd^2

Flooring System: The floor covering was tested as a glue–down application over a simulated concrete (reinforced cement board) subfloor using Shaw 1000 adhesive.

Note: This test report relates to the installation in accordance with the criteria set forth in the report. Any variation in the installation criteria may produce different results.

Test Result:

	#1	#2	#3
Maximum Burn Distance (cm)	38.0	39.5	40.5
Time to Flame Out (min)	33.8	39.0	41.2
Critical Radiant Flux	0.53	0.51	0.49
Average Critical Radiant Flux		**0.51 W/cm^2**	
Standard Deviation		0.02	

Classification: The floor–covering system tested may be classified as a **Type I** based on the NFPA 101 *Life Safety Code*, or a **Class A** as defined by the GSA in 3FNE-00-591a Technical Requirements Booklet. However, care must be exercised in their use as a material may be otherwise classified by the authority having jurisdiction.

Commercial Testing Company

Duane Jackson

(Authorized Signature)

Commercial Testing Company is accredited for ASTM E 648 by the United States Department of Commerce, National Institute of Standards and Technology (NIST), through the National Voluntary Laboratory Accreditation Program (NVLAP) for compliance with criteria set forth in NIST Handbook 150:2001 and all requirements of ISO/IEC 17025:1999. 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.

TESTED TO BE SURE®.... Since 1974