

# Independent Textile Testing Service, Inc.

Test No: 165414-1

PO Box 1948 - 1503 East Morris Street - Dalton, GA 30722  
 Phone: 706-278-3013 • Fax: 706-272-7057 • E-mail: info@ittslab.com

## Test Report

**Customer:** Shaw Hospitality

June 30, 2016

**Subject:** Sample(s) of carpet submitted for testing by the customer and identified below:

**Sample Identification:** Style/Inventory #: 5B110 Pleat  
 MO #: M2457  
 Roll #: RP030PX  
 Backing Type: Classicbac  
 Test #: R-160620-29538-00036

**Test Method Conducted**  
**AATCC 134-2011**  
**Electrostatic Propensity of Carpets**

### Purpose and Scope

This test method is designed to assess the static generating propensity of carpets developed when a person walks across them by controlled laboratory simulation of conditions which may be met in practice, and more particularly, with respect to those conditions which are known from experience to be strongly contributory to excessive accumulation of static charges.

**Test Conditions:**

**Chamber Temperature:** 70° F.  
**Chamber Relative Humidity:** 20%

Test Results:	Sole	Underlay	Maximum Voltage 1 (kV)	Maximum Voltage 2 (kV)	Averages (kV)
Test I Step Test	Neolite	Plate	Neg. 0.6	Neg. 1.0	Neg. 0.8
Test II Scuff Test	Neolite	Plate	Neg. 1.4	Neg. 1.9	Neg. 1.7
Test III Step Test	Leather	Plate	Pos. 0.5	--	--
Test IV Scuff Test	Leather	Plate	Pos. 0.7	--	--

**Soles:**

- a) Neolite XS 664
- b) Suede Leather

**Underlayment:**

- a) Plate: Earth grounded metal plate
- b) H/J: Standard 40 oz./yd<sup>2</sup> rubberized Hair/Jute cushion

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 President L. Kent Suddeth

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Test Report

**Customer:** Shaw Hospitality

June 30, 2016

**Subject:** Specimens of the submitted sample were prepared and tested in accordance with the procedures proposed by the National Institute of Standards and Technology (formerly National Bureau of Standards), Technical Note 708 and NFPA 258, ASTM E 662-15a.

**SMOKE DENSITY TEST (NIST)**

**Operating Conditions**

Irradiance:	2.5 watts/cm <sup>2</sup>	G Factor	132
Thermal Exposure:	Non-flaming		
Furnace Voltage:	102		
Burner Fuel:	--		

**Sample Description**

Style/Inventory #: 5B110 Pleat  
 MO #: M2457  
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 Backing Type: Classicbac  
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**Test Results**

	#1	#2	#3	Average
Chamber Temperature, °F (start)	95	95	95	
Chamber Pressure	Maintained positive, under 3" H <sub>2</sub> O			
Minimum Transmittance (TM), %	44%	33%	29%	
at, minutes	11.05	10.97	10.93	10.98
Maximum Specific Optical Density (DM)	311	328	335	325
Clear Beam, (DC)	4	2	2	3
<b>DM, CORRECTED (DMC)</b>	307	326	333	322
Specific Optical Density at 1.5 minutes	2	4	4	3
Specific Optical Density at 4.0 minutes	102	105	105	104
Time to 90% DM, minutes	7.95	8.12	8.20	8.09
Time to DS = 16, minutes	2.10	2.03	2.00	2.04

  
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Test Report

**Customer:** Shaw Hospitality

June 30, 2016

**Subject:** Specimens of the submitted sample were prepared and tested in accordance with ASTM E 648-15e1 and/or Federal Test Method 372. NFPA 253

**FLOORING RADIANT PANEL TEST**

**Sample Description**

Style/Inventory #: 5B110 Pleat  
 MO #: M2457  
 Roll #: RP030PX  
 Backing Type: ClassicBac  
 Test #: R-160620-29538-00036

**Test Assembly**


Mounted on 6mm FRC Board  
 (Using Shaw 1000 Adhesive)

<u>Test Results</u>	<u>Specimen No. 1</u>	<u>Specimen No. 2</u>	<u>Specimen No. 3</u>
<b>Critical Radiant Flux</b>	0.58 watts/cm <sup>2</sup>	0.54 watts/cm <sup>2</sup>	0.58 watts/cm <sup>2</sup>
<b>Total Burn Length</b>	36.0 cm	38.0 cm	36.0 cm
<b>Flame Front Out</b>	36.0 minutes	38.0 minutes	40.0 minutes

**Average Critical Radiant Flux**                      **0.57 watts/cm<sup>2</sup>**

**Estimated Standard Deviation**                      **0.02 watts/cm<sup>2</sup>**

**4.1% coefficient of variation**

  
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