Independent Textile Testing Service, Inc.

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

Test No: 165413-2

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: 5A237 Hana
MO #: J1007
Roll #: RJ00X3P
Backing Type: Ultraloc Pattern
Test #: R-160620-29552

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	Pos. 0.6	Pos. 0.6	Pos. 0.6
Test II Scuff Test	Neolite	Plate	Neg. 1.6	Neg. 1.9	Neg. 1.8
Test III Step Test	Leather	Plate	Pos. 0.5	--	--
Test IV Scuff Test	Leather	Plate	Pos. 0.3	--	--

Soles:
a) **Neolite XS 664**
b) **Suede Leather**

Underlayment:
a) **Plate: Earth grounded metal plate**
b) **H/J: Standard 40 oz./yd2 rubberized Hair/Jute cushion**

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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^2	G Factor	132
Thermal Exposure:	Non-flaming		
Furnace Voltage:	102		
Burner Fuel:	--		

Sample Description

Style: 5A237 Hana
MO #: J1007
Roll #: RJ00X3P
Backing Type: Ultraloc Pattern
Test #: R-160620-29552

Test Results

	#1	#2	#3	Average
Chamber Temperature, °F (start)	95	95	95	
Chamber Pressure	Maintained positive, under 3" H_2O			
Minimum Transmittance (TM), %	32%	16%	46%	
at, minutes	20.00	20.00	20.00	20.00
Maximum Specific Optical Density (DM)	197	237	177	204
Clear Beam, (DC)	2	3	2	2
DM, CORRECTED (DMC)	195	234	175	201
Specific Optical Density at 1.5 minutes	4	3	4	4
Specific Optical Density at 4.0 minutes	67	71	65	68
Time to 90% DM, minutes	14.54	15.63	14.00	14.72
Time to DS = 16, minutes	2.04	2.07	2.03	2.05

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Test Number: 165413-2

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: 5A237 Hana
MO #: J1007
Roll #: RJ00X3P
Backing Type: Ultraloc Pattern
Test #: R-160620-29552

Test Assembly

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

Test Results	Specimen No. 1	Specimen No. 2	Specimen No. 3
Critical Radiant Flux	0.56 watts/cm^2	0.54 watts/cm^2	0.66 watts/cm^2
Total Burn Length	37.0 cm	38.0 cm	32.0 cm
Flame Front Out	38.0 minutes	38.0 minutes	30.0 minutes

Average Critical Radiant Flux **0.59 watts/cm^2**

Estimated Standard Deviation **0.06 watts/cm^2**

11.0% coefficient of variation

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