Test No: 145618

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 Report

Customer: Shaw Contract

June 18, 2014

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

Sample Identification:
Style Name: Dusk ULT
MO#: Multi Level Pattern Loop
Style/Inventory #: 60765
Color: 89103
Roll #: CJ07M1-A
Backing Type: UltraLoc Pattern
Yarn Type: 100% Solution Q Extreme Nylon
Test #: R-140529-06267

GSA SIN Number:
31-301: Broadloom Carpet
31-304d: Special Use Broadloom Carpet and Carpet Tiles

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. 1.9	Neg. 2.0	Neg. 2.0
Test II Scuff Test	Neolite	Plate	Neg. 1.5	Neg. 1.5	Neg. 1.5
Test III Step Test	Leather	Plate	Neg. 1.0	--	--
Test IV Scuff Test	Leather	Plate	Neg. 0.1	--	--

Soles: **Note: AATCC 171 conducted on specimen prior to static testing as per GSA requirements.**
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 Contract

June 18, 2014

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 662-06.

SMOKE DENSITY TEST (NIST)

Operating Conditions

Irradiance:	2.5 watts/cm^2	G Factor	132
Thermal Exposure:	Non-Flaming		
Furnace Voltage:	99		
Burner Fuel:	--		

Sample Description

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Test Results

	#1	#2	#3	Average
Chamber Temperature, °F (start)	95	95	95	
Chamber Pressure	Maintained positive, under 3" H_2O			
Minimum Transmittance (TM), %	33%	34%	32%	
at, minutes	20.00	20.00	20.00	20.00
Maximum Specific Optical Density (DM)	196	194	197	196
Clear Beam, (DC)	1	1	1	1
DM, CORRECTED (DMC)	195	193	196	195
Specific Optical Density at 1.5 minutes	2	2	2	2
Specific Optical Density at 4.0 minutes	45	40	46	44
Time to 90% DM, minutes	13.70	14.75	13.18	13.88
Time to DS = 16, minutes	2.64	2.68	2.63	2.65

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Test Number: 145618

Test Report

Customer: Shaw Contract

June 18, 2014

Subject: Specimens of the submitted sample were prepared and tested in accordance with ASTM E 648-10 and/or Federal Test Method 372. NFPA 253

FLOORING RADIANT PANEL TEST

Sample Description

Style Name: Dusk ULT
MO#: Multi Level Pattern Loop
Style/Inventory #: 60765
Color: 89103
Roll #: CJ07M1-A
Backing Type: UltraLoc Pattern
Yarn Type: 100% Solution Q Extreme Nylon
Test #: R-140529-06267

GSA SIN Number: 31-301: Broadloom Carpet
31-304d: Special Use Broadloom Carpet and Carpet Tiles

Test Assembly

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

Test Results	Specimen No. 1	Specimen No. 2	Specimen No. 3
Critical Radiant Flux	0.83 watts/cm^2	0.66 watts/cm^2	0.62 watts/cm^2
Total Burn Length	24.0 cm	32.0 cm	34.0 cm
Flame Front Out	20.0 minutes	24.0 minutes	28.0 minutes

Average Critical Radiant Flux **0.70 watts/cm^2**

Estimated Standard Deviation **0.11 watts/cm^2**

15.9% coefficient of variation

President L. Kent Suddeth