Test No: 137771

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

April 26, 2013

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

Sample Identification: Style Name: Linear Hexagon
Style/Inventory #: 5T055
MO #: 80970
Backing Type: EcoWorx
Test #: 041713-7

Test Method Conducted
AATCC 134-1996
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. 0.9	Neg. 1.1	Neg. 1.0
Test II Scuff Test	Neolite	Plate	Neg. 2.0	Neg. 2.0	Neg. 2.0
Test III Step Test	Leather	Plate	Neg. 0.8	--	--
Test IV Scuff Test	Leather	Plate	Neg. 0.7	--	--

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**

President L. Kent Suddeth

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Test Report

Customer: Shaw Contract

April 26, 2013

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:	101		
Burner Fuel:	--		

Sample Description

Style Name: Linear Hexagon
Style/Inventory #: 5T055
MO #: 80970
Backing Type: EcoWorx
Test #: 041713-7

Test Results

	#1	#2	#3	Average
Chamber Temperature, °F (start)	95	95	95	
Chamber Pressure	Maintained positive, under 3" H_2O			
Minimum Transmittance (TM), %	22%	84%	13%	
at, minutes	20.00	20.00	20.00	20.00
Maximum Specific Optical Density (DM)	219	274	249	247
Clear Beam, (DC)	1	1	1	1
DM, CORRECTED (DMC)	218	273	248	246
Specific Optical Density at 1.5 minutes	1	1	2	1
Specific Optical Density at 4.0 minutes	31	35	45	37
Time to 90% DM, minutes	15.58	13.43	13.88	14.30
Time to DS = 16, minutes	3.25	3.20	2.85	3.10

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Test Report

Customer: Shaw Contract

April 26, 2013

Subject: Specimens of the submitted sample were prepared and tested in accordance with ASTM E 648-06 and/or Federal Test Method 372. NFPA 253

FLOORING RADIANT PANEL TEST

Sample Description

Style Name: Linear Hexagon
Style/Inventory #: 5T055
MO #: 80970
Backing Type: EcoWorx
Test #: 041713-7

Test Assembly

Mounted on 6mm FRC Board
(Using Shaw G5000 Adhesive)

Test Results	Specimen No. 1	Specimen No. 2	Specimen No. 3
Critical Radiant Flux	0.69 watts/cm^2	0.67 watts/cm^2	0.69 watts/cm^2
Total Burn Length	30.0 cm	31.0 cm	30.0 cm
Flame Front Out	17.0 minutes	17.0 minutes	15.0 minutes

Average Critical Radiant Flux **0.68 watts/cm^2**

Estimated Standard Deviation **0.01 watts/cm^2**

1.7% coefficient of variation

President L. Kent Suddeth