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: 170427

Test Report

Customer: Shaw Contract

February 15, 2017

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

Sample Identification: Style Name: Poured Tile
Style/Inventory #: 5T206
MO #: 11157
Test #: R-170201-35682

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. 0.1	Pos. 0.2	Pos. 0.2
Test II Scuff Test	Neolite	Plate	Neg. 0.3	Neg. 0.5	Neg. 0.4
Test III Step Test	Leather	Plate	Pos. 0.9	--	--
Test IV Scuff Test	Leather	Plate	Pos. 0.8	--	--

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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Customer: Shaw Contract

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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:	107		
Burner Fuel:	--		

Sample Description

Style Name: Poured Tile
Style/Inventory #: 5T206
MO #: 11157
Test #: R-170201-35682

Test Results

	#1	#2	#3	Average
Chamber Temperature, °F (start)	95	95	95	
Chamber Pressure	Maintained positive, under 3" H_2O			
Minimum Transmittance (TM), %	69%	30%	51%	
at, minutes	13.63	12.37	12.63	12.88
Maximum Specific Optical Density (DM)	285	333	303	307
Clear Beam, (DC)	1	2	2	2
DM, CORRECTED (DMC)	284	331	301	305
Specific Optical Density at 1.5 minutes	1	1	1	1
Specific Optical Density at 4.0 minutes	71	75	77	74
Time to 90% DM, minutes	8.75	9.20	9.10	9.02
Time to DS = 16, minutes	2.75	2.77	2.73	2.75

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Test Number: 170427

Test Report

Customer: Shaw Contract

February 15, 2017

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 Name: Poured Tile
Style/Inventory #: 5T206
MO #: 11157
Test #: R-170201-35682

Test Assembly

Mounted on 6mm FRC Board
(Using Shaw 5000 Adhesive)

Test Results	Specimen No. 1	Specimen No. 2	Specimen No. 3
Critical Radiant Flux	0.77 watts/cm^2	0.88 watts/cm^2	0.77 watts/cm^2
Total Burn Length	26.0 cm	21.0 cm	26.0 cm
Flame Front Out	20.0 minutes	18.0 minutes	20.0 minutes

Average Critical Radiant Flux	**0.81**	**watts/cm^2**
Estimated Standard Deviation	**0.06**	**watts/cm^2**
	7.9%	**coefficient of variation**

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