

# Independent Textile Testing Service, Inc.

Test No: 143917

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 7, 2014

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

Sample Identification: Style Name: Rest Tile  
Style/Inventory #: 5T091  
Color: 00001  
Roll #: QN00AD-N  
Back: EcoWorx  
Test #: S-140325-00050

### 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. 0.7	Neg. 1.0	Neg. 0.9
Test II Scuff Test	Neolite	Plate	Neg. 0.8	Neg. 1.0	Neg. 0.9
Test III Step Test	Leather	Plate	Neg. 0.8	--	--
Test IV Scuff Test	Leather	Plate	Pos. 0.9	--	--

#### 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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President L. Kent Suddeth

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## Test Report

Customer: Shaw Contract

April 7, 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 <sup>2</sup>	G Factor	132
Thermal Exposure:	Non-flaming		
Furnace Voltage:	106		
Burner Fuel:	--		

### Sample Description

Style name: Rest Tile  
Style/Inventory #: 5T091  
Color: 00001  
Roll #: QN00AD-N  
Backing Type: EcoWorx  
Test #: S-140325-00050

### Test Results

Chamber Temperature, °F (start)

Chamber Pressure

Minimum Transmittance (TM), %

at, minutes

Maximum Specific Optical Density (DM)

Clear Beam, (DC)

**DM, CORRECTED (DMC)**

Specific Optical Density at 1.5 minutes

Specific Optical Density at 4.0 minutes

Time to 90% DM, minutes

Time to DS = 16, minutes

#1	#2	#3	Average
95	95	95	
Maintained positive, under 3" H <sub>2</sub> O			
31%	24%	67%	
20.00	20.00	20.00	20.00
199	214	155	189
1	1	1	1
198	213	154	188
1	1	1	1
15	20	15	17
13.75	15.40	15.98	15.04
4.18	3.83	4.18	4.06

  
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Test Report

Customer: Shaw Contract

April 7, 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: Rest Tile  
Style/Inventory #: 5T091  
Color: 00001  
Roll #: QN00AD-N  
Backing Type: EcoWorx  
Test #: S-140325-00050

**Test Assembly**

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

<u>Test Results</u>	<u>Specimen No. 1</u>	<u>Specimen No. 2</u>	<u>Specimen No. 3</u>
Critical Radiant Flux	0.82 watts/cm <sup>2</sup>	0.82 watts/cm <sup>2</sup>	0.78 watts/cm <sup>2</sup>
Total Burn Length	24.0 cm	24.0 cm	26.0 cm
Flame Front Out	15.0 minutes	16.0 minutes	18.0 minutes


**Average Critical Radiant Flux**

0.81 watts/cm<sup>2</sup>

**Estimated Standard Deviation**

0.02 watts/cm<sup>2</sup>

2.9% coefficient of variation

  
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President L. Kent Suddeth