

Independent Textile Testing Service, Inc.

Test No: 154958-1

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 13, 2015

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

Sample Identification: Style Name: Form
Style/Inventory #: 5T136
Backing Type: EcoWorx
Test #: R-150326-15137

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. 1.3	Neg. 1.4	Nge. 1.4
Test II Scuff Test	Neolite	Plate	Neg. 1.3	Neg. 1.3	Neg. 1.3
Test III Step Test	Leather	Plate	Neg. 0.7	--	--
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 13, 2015

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

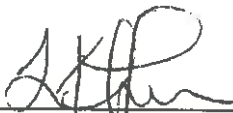
Irradiance:	2.5 watts/cm ²	G Factor	132
Thermal Exposure:	Non-flaming		
Furnace Voltage:	103		
Burner Fuel:	--		

Sample Description

Style Name: Form
 Style/Inventory #: 5T136
 Backing Type: EcoWorx
 Test #: R-150326-15137

Test Results

	#1	#2	#3	Average
Chamber Temperature, °F (start)	95	95	95	
Chamber Pressure	Maintained positive, under 3" H ₂ O			
Minimum Transmittance (TM), %	10%	11%	97%	
at, minutes	17.10	17.72	18.03	17.62
Maximum Specific Optical Density (DM)	264	259	266	263
Clear Beam, (DC)	1	1	1	1
DM, CORRECTED (DMC)	263	258	265	262
Specific Optical Density at 1.5 minutes	1	1	1	1
Specific Optical Density at 4.0 minutes	26	28	28	27
Time to 90% DM, minutes	12.77	13.14	13.33	13.08
Time to DS = 16, minutes	3.67	3.50	3.47	3.55



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Customer: Shaw Contract

April 13, 2015

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: Form
Style/Inventory #: 5T136
Backing Type: EcoWorx
Test #: R-150326-15137

Test Assembly

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

Test Results

	<u>Specimen No. 1</u>	<u>Specimen No. 2</u>	<u>Specimen No. 3</u>
Critical Radiant Flux	0.67 watts/cm ²	0.61 watts/cm ²	0.63 watts/cm ²
Total Burn Length	31.0 cm	34.0 cm	33.0 cm
Flame Front Out	20.0 minutes	21.0 minutes	21.0 minutes


Average Critical Radiant Flux

0.64 watts/cm²

Estimated Standard Deviation

0.03 watts/cm²

4.8% coefficient of variation



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