



COMMERCIAL TESTING COMPANY

1215 South Hamilton Street • Dalton, Georgia 30720
Telephone (706) 278-3935 • Facsimile (706) 278-3936

Report Number 15-03002

Shaw Contract
Dalton, Georgia

Test Number 4641-4025
March 3, 2015

Electrostatic Propensity

Test Method: The test was conducted in accordance with the AATCC Test Method 134, *Electrostatic Propensity of Carpets*. The purpose of the test is to assess the static propensity of carpets under controlled laboratory conditions simulating those that may exist in actual installations. The most important factors in determining the static charge are: (1) the basic natures of the two materials being rubbed together or separated, i.e., shoe soles and carpet; (2) surface contamination on either; (3) the nature of the rubbing or separation, i.e., stepping or scuffing; and, (4) the ambient atmospheric contains. A sample is conditioned at 70°F and 20% relative humidity and the static properties characterized by performing the following tests:

- TEST I — The step test is performed by wearing AATCC TM 134 test sandals with Neolite™ soles and heels and walking on the carpet for one minute.
- TEST II — The scuff test is conducted by scuffing or wiping in a backward motion for one minute wearing test sandals with Neolite™ soles and heels.

Material Tested:

Style Name: Surround EW2
 Style Number: 5T120
 Construction: Multilevel Pattern Loop Tile
 Backing Type: EcoWorx 2
 Color: 00001
 Yarn Type: 100% Eco Solution Q
 Shaw Test Number: R-150209-13429

Test Conditions:

Environmental: 21 ± 1°C, 20 ± 2% RH
 Underlayment: None
 Shampoo: Three

Test Result:

Test Mode	Polarity	Voltages
Test I — Step	negative	0.9 kV
Test II — Scuff	negative	0.2 kV

Note: Prior to testing, the carpet was subjected to three (3) cleaning cycles as described in AATCC Test Method 171. The first cleaning cycle was done using AATCC standard detergent, followed by two cycles using clear water.

Classification: A carpet classified in accordance with the CRI *Carpet Specifiers Handbook*, Appendix A, Carpet Test Methods and Suggested Physical Requirements, page 72, is suitable for residential use if the maximum voltage is 5.0 kV, and suitable for commercial use if the maximum voltage is 3.5 kV.

Commercial Testing Company

(Authorized Signature)

This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. The test results presented in this report apply only to the samples tested and are not necessarily indicative of apparent identical or similar materials. Sample selection and identification were provided by the client. A sampling plan, if described in the referenced standard, was not necessarily followed. This report, or the name of Commercial Testing Company, shall not be used under any circumstance in advertising to the general public.