



# COMMERCIAL TESTING COMPANY

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**Report Number 14-08309**

**Shaw Contract  
Dalton, Georgia**

**Test Number 4576-2256  
August 27, 2014**

## 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:

Identification: 5T096 Cloth EW24  
 Manf. Style: M9131  
 Construction: Multilevel Cut/Uncut Tile  
 Roll Number: QBZCW1J  
 Pile Fiber: Nylon  
 Backing Type: EcoWorx  
 Sample ID Number: S-140808-00116  
 Request Number: R-140808-08264

### Test Conditions:

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

### Test Result:

Test Mode	Polarity	Voltages
Test I — Step	negative	0.7 kV
Test II — Scuff	negative	1.2 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.

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(Authorized Signature)

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