



# COMMERCIAL TESTING COMPANY

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Report Number 08-03167

Shaw Contract  
Dalton, Georgia

Test Number 3970-1682-0308R  
January 23, 2008

## 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: Navigate UPAT  
Style Number: 5A141  
Construction: Loop Pile  
MO Number: A4437  
Roll Number: 236027-J  
Backing Type: UltraLoc Pattern  
Shaw Test Number: 010808-8

### Test Conditions:

Environmental: 20.9°C, 19.0% RH  
Underlayment: TM-134 Pad  
Shampoo: None

### Test Result:

| Test Mode       | Polarity | Voltages |
|-----------------|----------|----------|
| Test I — Step   | negative | 2.0 kV   |
| Test II — Scuff | negative | 2.7 kV   |

**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)

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.

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