Professional Testing Laboratory, Inc.

TEST REPORT

Date: 10/10/2008 **TEST NUMBER**: 117365

CLIENT	Shaw Contract

TEST METHOD CONDUCTED	AATCC 134-06 Electrostatic Propensity of Carpets

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	5A153 Gradient
COLOR	-----
ROLL	209904-W
CONSTRUCTION	Loop Pile
FIBER	-----
BACKING	ClassicBac
REFERENCE	TEST NO: 100208-1

GENERAL PRINCIPLE

This method is designed to assess the static propensity of flooring material by controlled laboratory simulation of conditions which are known from experience to be strongly contributory to excessive accumulation of static charges.

A flooring material preconditioned to equilibrium at controlled atmospheric conditions is walked on by a test subject in a specified manner with specified shoe soles. The static charges which build up on the tester are monitored continuously by a recorder.

A neolite shoe sole has been chosen as the primary reference material because its static performance is much like that of many common leathers. It is a commonly used shoe sole material and can be easily cleaned, while its chemical and physical properties are quite uniform.

A chrome tanned leather shoe sole has been chosen for a secondary reference material because it is representative of a certain class of leathers whose performance differs significantly from that of neolite soles on certain carpet fiber. Statistically, chrome tanned leather comprises a very small percentage of the shoe sole market, but must be considered in critical applications.

	TEST CONDITIONS
TEST CONDITIONS	The sample is conditioned to equilibrium and tested at 70 ± 2º F and 20 ± 2% relative humidity
SAMPLE PREPARATION	Tested As Received
SUBSTRATE	40 Ounce Rubberized Jute/ Hair Pad

	DAY 1	**DAY 2**	**AVERAGE**
TEST I: Step Test/Neolite Sole	**-2.0 KV**	**-2.3 KV**	**-2.2 KV**
TEST II: Scuff Test/Neolite Sole	**-2.7 KV**	**-2.4 KV**	**-2.6 KV**
TEST III: Step Test/Leather Sole	**-0.9 KV**	**-1.1 KV**	**-1.0 KV**
TEST IV: Scuff Test/Leather Sole	**-1.6 KV**	**-1.4 KV**	**-1.5 KV**
MAXIMUM AVERAGE VOLTAGE		**NEG 2.6 KV**	

"The results of this test relate to the sample of flooring material tested. Its static performance may be altered in service as a result of wear, soiling, cleaning, temperature, relative humidity, etc…"

APPROVED BY: Gary Asbury

NVLAP®

This facility is accredited by the National Voluntary Laboratory Accreditation Program for the specific scope of accreditation under Lab Code 100297. This accreditation does not constitute an endorsement, certification, or approval by NIST or any agency of the United States Government for the product tested. 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. This report applies only to those samples tested and is not necessarily indicative of apparently identical of similar products. This report, or the name of Professional Testing Laboratory Inc. shall not be used under any circumstance in advertising to the general public.

714 Glenwood Place Dalton, GA 30721 Phone: 706-226-3283 Fax: 706-226-6787 email: protest@optilink.us