

## TEST REPORT

CLIENT:	Philadelphia	REPORT NUMBER:	59867G-02
	PO Drawer 2128	LAB TEST NUMBER:	2581-8302
	Dalton, GA 30722	DATE:	February 7, 2014

Test Material:

STYLE	5470V Solid Structure
SIN #	31-402 Resilient (Hard Surface) Sheet Flooring
ROLL #	DX3529-4
TEST #	010714-17
TYPE:	1
GRADE:	1 Residential, Light Commercial, Commercial

Test Scope:

This test procedure determines the color change of the resilient flooring after exposure to accelerated lightfastness.

Test Method:

**ASTM F1515: Standard Test Method for Measuring Light Stability of Resilient Flooring by Color Change**

Procedure:

Three specimens of the resilient flooring were read by Hunter Colorquest instrument and its color matrix,  $\Delta E$ , recorded. The specimens were then placed into an Atlas Ci35 fadeometer with the following settings:

Lamp Cooling:	Water
Light Cycle:	Continuous
Temp:	145°F
RH:	30%
Filter (Outer):	Soda Lime
Filter (Inner):	Borosilicate
Irradiance:	1.10 w/cm <sup>2</sup>

The specimens were exposed for 300 hours, removed, and re-read by the colorquest for  $\Delta E$  color change.

Test Data:

Average $\Delta E$ Reading (Three Specimens)	Specification
1.16	< 8.0

Note:

**Meets the specification of ASTM F1303:  $\Delta E$  Change Noted Above**

Erle Miles, Jr V.P., Testing Services Inc

TSi Accreditation:

Our laboratory is accredited with US Dept of Commerce, National Institute of Standards and Technology: ISO/IEC 17025:2005. Our code # is NVLAP 100108-0. However, it should be noted that some or all of the tests performed are not under our scope of accreditation due to the work not fully conforming to the standard, or it being outside the scope of our accreditation, or subcontracted.

Uncertainty:

We undertake all assignments for our clients on a best effort basis. Our findings and judgments are based on the information to us using the latest test methods available.