



TEST REPORT

CLIENT:

Company:	Shaw Hard Surfaces	Report Number:	66758G-01
Address:	PO Drawer 2128	Lab Test Number:	2792-6808
	Dalton, GA 30722	Test Completion Date:	3/22/2016
		Report Date:	4/1/2016
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Requested By:	Stuart Bartenfield		

TEST MATERIAL:

Material Type:	Resilient Flooring				Date Received:	2/26/2016
Material Condition:	EXCELLENT:	XXX	GOOD:		POOR:	REJECTED:
Style:	0648V Solitude	Lot #	n/a	Size:	7" X 48"	
Thickness:	5mm	GSA SIN #	31-401 Resilient (Hard Surface) Tile	Test #:	R-160210-25870	

TESTING METHODS REQUESTED:

Testing Services, Inc. was instructed by the client to perform the following testing....			
Standard:	ASTM F1515	Test Method:	Standard Test Method for Measuring Light Stability of Resilient Flooring by Color Change

SAMPLING PLAN:

Sampling Date:	2/26/2016
<ul style="list-style-type: none"> Specimen sampling is performed in the sampling department at TSI. The sampling size of specimens is determined by the test method requirements. In the event a specific sampling size is not called for, a determination will be made based on previous testing experience, and approved for use by an authorized manager. All samples are subjected to the outside environmental conditions of temperature and relative humidity. Sample requiring pre-determined exposure to specified environmental conditions based on a specific test method, take place in the departments in which they are tested 	

DEVIATION FROM TEST METHOD:

State reason for any Deviation from, Additions to, or Exclusions From Test Method.
None

TEST OVERVIEW:

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

Three specimens of the resilient flooring were read by Hunter Colorquest instrument and its color matrix, ΔE , 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 ²

The specimens were exposed for 300 hours, removed, and re-read by the colorquest for ΔE color change.

TEST DATA:

Average ΔE Reading After Exposure	Requirement	Comment
6.93	$\Delta \leq 8.0$	Passes

Approval:

Erle Miles, Jr. VP, Testing Services Inc.

TSI Accreditation: Our laboratory is accredited by the US Dept of Commerce, National Institute of Standards and Technology: ISO/IEC 17025:2005. Our code # is: NVLAP 100108-0.

Form:	Rev:	Revision Date:	Page 1 of 1
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