



TESTING SERVICES, INC.
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TEST REPORT

CLIENT:

Company:	Shaw Hard Surfaces	Report Number:	65638D
Address:	PO Drawer 2128	Lab Test Number:	2759-5520
	Dalton, GA 30722	Test Date:	10/28/2015
		Report Date:	11/23/2015
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Requested By:	Stuart Bartenfield		

TEST MATERIAL:

Material Type:	Resilient Flooring			Date Received:	10/21/2015
Material Condition:	EXCELLENT:	XXX	GOOD:	POOR:	REJECTED:
Style:	0512V Constant	Lot #:	N/A	Size:	Roll Good
Thickness:	0.086"	GSA SIN #	31-402 Resilient (Hard Surface) Sheet Flooring	Test #:	102015-1

TESTING METHODS REQUESTED:

<i>Testing Services Inc. was instructed by the client to test for the following...</i>	
Standard:	ASTM F970
Test Method:	Standard Test Method for Static Load Limit

SAMPLING PLAN:

Sampling Date:	10/21/2015
<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 measures the recovery properties of the test material after 24 hr applied load and 24 hr recovery.

Specimen Size: 2" X 2" (50.8 mm X 50.8 mm)
 Presser Foot: 1.125" (28.58 mm)
 Load Applied: 125 psi

A 2" X 2" specimen was die cut from the sample lot for testing. The specimen was allowed to pre-condition for 16 hours @ 70°F 50% RH. After conditioning, a location point was marked with permanent ink on the wear surface for the purpose of measuring the exact same location throughout test. Using a dial micrometer with 1.125" diameter foot, the marked spot was measured in inches and identified as the initial thickness. The specimen was then placed under a 1.125" diameter foot of a static compression machine. The specified load was applied for 24 hours. The specimen was then removed from the compression machine, re-measured, and allowed to recover 24 hours @ 70°F 50% RH. A final measurement was taken and recorded as the recovery thickness. The initial thickness minus the recovery thickness / initial thickness X 100 was used to calculate the residual indentation.

TEST DATA:

Initial Thickness	Recovery Thickness	% Permanent Indentation	Specification	Comment
0.094"	0.092"	0.002"	≤ 0.005"	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
Release Date:	Control Type: Electronic – Expires 24 hours after this date: Nov. 25, 15 Printed copies are uncontrolled		