



TEST REPORT

CLIENT:

Company:	Allied Industries International, Inc.	Report Number:	71476D
Address:	1088 Gaffney Hwy. Jonesville, SC 29353	Lab Test Number:	2939-3454
		Test Date:	8/10/2017
		Report Date:	8/10/2017
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Requested By:	Jeff West		

TEST MATERIAL:

Material Type:	Safety Flooring	Date Received:	7/28/2017
Material Condition:	EXCELLENT: <input checked="" type="checkbox"/>	GOOD: <input type="checkbox"/>	POOR: <input type="checkbox"/> REJECTED: <input type="checkbox"/>
Product ID. Number:	ECO-GRIP®		

TESTING METHODS REQUESTED:

Testing Services, Inc was instructed by the client to perform the following testing			
Standard:	ASTM F970	Test Method:	Standard Test Method for Static Load Limit

SAMPLING PLAN:

Sampling Date:	7/28/2017
<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: 2,000 psi

Three 2" X 2" specimens were die cut from the sample lot for testing. The specimens were allowed to pre-condition for a minimum of 24 hours @ 70°F 50% RH on a flat surface. After conditioning, the total thickness is determined on each of the three samples in their center. On each specimen, 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 to the nearest 0.001 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. The procedure was repeated on each of the three specimens and averaged below.

TEST DATA:

Average Residual Indentation After 24 Hr Recovery
0.023"

Uncertainty:

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

TSI can only ensure the test results for the specific items tested.

Unless otherwise noted in the deviations sections of this report, all tests performed are in compliance with stated test method.

Test Report Approval:

Erle Miles, III, Lab Director Testing Services Inc.