

**CLIENT:**

<b>Company:</b>	Artificial Grass Liquidators
<b>Address:</b>	PO Box 1627 Temecula, CA 92593
<b>Requested By:</b>	Dillon Georgian

**TEST MATERIAL:**

<b>Date Material Received:</b>	April 14, 2020
<b>Material Type:</b>	Synthetic Turf
<b>Material Condition:</b>	Excellent, New
<b>Material ID:</b>	Veridian
<b>Infill:</b>	2.5 lbs/ft <sup>2</sup> 60 Grit Sand

**TESTING METHODS REQUESTED:**

<i>Testing Services Inc. was instructed by the client to test for the following...</i>			
<b>Standard:</b>	USGA	<b>Test Method:</b>	United States Golf Association, Stimpmeter

**SAMPLING PLAN:**

<b>Sampling Date:</b>	4/14/2020
<ul style="list-style-type: none"> <li>Specimen sampling is performed in the sampling department at TSI.</li> <li>The sampling size of specimens is determined by the test method requirements.</li> <li>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.</li> <li>All samples are subjected to the outside environmental conditions of temperature and relative humidity.</li> <li>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</li> </ul>	

**DEVIATION FROM TEST METHOD:**

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

**TEST SCOPE:**

The Stimpmeter is a simple, accurate device manufactured by the USGA that allows one to make a standard measurement of, and place a numerical figure on, the speed of a putting green. It does so by measuring ball roll distance.

A 10-12 foot area, in one direction, of the test material was unrolled onto a level surface. A tee was inserted at one end to serve as a starting point. Holding the stimpmeter by the notched end labeled 1X, the tapered end was rested onto the surface beside the tee, aiming in the direction of intended ball roll. A Calloway® Hex Diablo golf ball was placed into the notch and the stimpmeter slowly raised until the ball releases. The stimpmeter was held steady while the ball continued to roll down the device and until the ball reaches the putting surface. This process was repeated for with 2 more ball rolls, releasing from the same spot. All 3 balls should stop within 8" of each other. A second tee is inserted for each ball at their stopping point and the distance measured and recorded. This procedure was repeated using the second tee as the starting point and the first tee as an aiming point (opposite direction). The return distance is measured and recorded. Both direction distances are then averaged together to determine the speed of the green.


**TEST DATA:**

Ball Roll #1 →	Ball Roll #2 →	Ball Roll #3 →	Average Ball Roll →
8.0 Feet	7.92 Feet	7.92 Feet	7.92 Feet
Ball Roll #1 ←	Ball Roll #2 ←	Ball Roll #3 ←	Average Ball Roll ←
8.08 Feet	8.08 Feet	8.17 Feet	8.08 Feet

**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. TSI can only ensure the test results for the specific items tested. Unless otherwise noted in the deviations sections of this report, all tests are performed in compliance with stated test method.

**Test Report Approval:**

 Erle Miles, III, Lab Director Testing Services (TSI) LLC  
Digitally signed by Erle Miles  
 DN: cn=Erle Miles, o=Testing Services Inc., ou, email=erle@testing-services-usa.com, c=US  
 Date: 2020.10.01 08:56:30 -0400

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. TSI is an Organizational Member of ASTM (American Society for Testing and Materials). TSI is a certified independent testing laboratory by the STC (Synthetic Turf Council).

