



CLIENT:

Company:	Turf Distributors
Address:	42505 Rionedo Road Temecula, CA 92590
Requested By:	Dillon Georgian

TEST MATERIAL:

Date Material Received:	April 14, 2020
Material Type:	Synthetic Turf
Material Condition:	Excellent, New
Material ID:	Eco 48 Silver

TESTING METHODS REQUESTED:

<i>Testing Services Inc. was instructed by the client to test for the following...</i>			
Standard:	ASTM G154	Test Method:	Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Non-Metallic Material

SAMPLING PLAN:

Sampling Date:	4/14/2020
<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 SUMMARY:

TEST METHOD	TEST DESCRIPTION	TEST RESULTS			
		500 Hours Exposure	1000 Hours Exposure	1500 Hours Exposure	2000 Hours Exposure
ASTM G154-16	QUV Accelerated Weathering	Color: 10 Texture: 10	Color: 10 Texture: 10	Color: 10 Texture: 10	Color: 10 Texture: 10

Change Rating: 10: Negligible or No Effect
 9: Very Slight
 8: Slight
 6: Moderate
 4: Pronounced
 2: Severe
 0: Very Severe

Test Equipment: QUV/se
 UVA-340 lamps, 0.77 W/m²
 16 hours UV light @ 60°C
 8 hours condensation @ 50°C
 Light Cycle: Continuous

*Ratings and comments are based on guidelines provided by Q Labs.

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

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).

