



TEST REPORT

CLIENT:

Company:	Turf Distributors	Report Number:	79462G
Address:	42505 Rionedo Road	Lab Test Number:	3165-2285
	Temecula, CA 92590	Test Completion Date:	1/17/2020
		Report Date:	1/17/2020
Requested By:	Dillon Georgian	Page:	1 of 1

TEST MATERIAL:

Material Type:	Synthetic Turf				Date Received:	12/31/2019
Material Condition:	EXCELLENT:	XXX	GOOD:		POOR:	REJECTED:
Product Name:	Eco 59 Silver Hybrid					
Infill System:	2.0 lbs/ft ² 20/40 silica sand (bottom layer) + 2.0 lbs/ft ² 10/20 Ambient Sbr Rubber (top layer)					
SubBase:	3" #57 Stone					

TESTING METHODS REQUESTED:

<i>Testing Services Inc. was instructed by the client to test for the following...</i>			
Standard:	EN 12616	Test Method:	Permeability of Synthetic Turf Sports Field Base Stone by Double Ring Infiltrometer Method A: Synthetic Turf, Textile, Synthetic and Bound Sports Surfaces

SAMPLING PLAN:

Sampling Date:	12/31/2019
<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 PROCEDURE:

A 42" X 42" infilled turf sample was mounted on top of a steel grate, which allowed for free flow of water during the test. Two rings, one inner and one outer, were placed on top of the drain product. Water flowed separately into both ring areas-the outer ring creating a ponding effect by maintaining a head of water surrounding the inner ring. The infiltration rate is calculated by measuring the flow of water; by means of a water flow gauge (gallons), as it entered the inner ring in cubic centimeters during the 20-minute test. The temperature of the water in the inner ring was also recorded and normalized, compensating for the relative viscosity of water, to 10°C or 50°F.

TEST SUMMARY:

TEST METHOD	TEST DESCRIPTION	TEST RESULT
EN 12616	Permeability Capacity	57 inches/hour

Time of Test: 20 Minutes	Viscosity Factor: 1.17	Ring Diameter: 17"
Gallons Used: 20.7	Water Temperature: 57.0° F	

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:

Digitally signed by Erle Miles
DN: cn=Erle Miles, o=Testing Services, ou, email=erle@optilink.us, c=US
Date: 2020.01.23 13:55:22 -0500

Erle Miles, III, Lab Director Testing Services (TSI) LLC

TSI Accreditation: TSi is a certified independent testing laboratory by the Synthetic Turf Council



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