



## TEST REPORT

<b>CLIENT:</b>	ForeverLawn, Inc	<b>REPORT NUMBER:</b>	60266F
	8007 Beeson St	<b>LAB TEST NUMBER:</b>	2596-9052
	Louisville, OH 44641	<b>DATE:</b>	March 21, 2014
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**Test Material:**

Turf Identification	Infill
K9Grass Sport	0.75 Lbs/ft <sup>2</sup> 10/20 Ambient Rubber

**Test Scope:** This test method determines rainfall drainage capacity (permeability) of submitted turf.

**Test Method:** **ASTM F1551: Standard Test Methods for Comprehensive Characterization of Synthetic Turf Playing Surfaces and Materials: Suffix-DIN 18-035, Part 6: Water Permeability of Synthetic Turf Systems and Permeable Bases**

**Test Equipment:**

Tube:	10.75" OD 10.00" ID 8" Length (Beveled)
Tube Weight:	39 lbs
Tube Flow Head:	2 Gallons
Tube Index Mark:	6"
Flange:	9.375" Diameter

**Test Sampling:**

# of Specimens:	(3) 11.5" Diameter
Pre-Conditioning:	70°F 65% RH for 24 Hours Minimum

**Test Procedure:** Three specimens, 11.5" diameter were die cut from the turf roll – Side, Center, Side. A specimen was sealed by means of mechanical latches to the flange and tube. Water was pumped into the tube faster than could drain, until the water level was above the timing mark of 6". A stopwatch was activated when the water level reached 6" and terminated when the water level reached the highest areas of the pile surface. The flow time was recorded in seconds. This procedure was repeated four passes on each specimen, with the first pass for system conditioning, and not included for calculation. Test data values represent drainage rates for the turf with the above identified infill, and do not take into account the percolation properties of a pad and/or underlying sub base.

**Test Data:**

Specimen #	Water Flow Thru 6" Zone	Gallons/minute/yd <sup>2</sup>	Rainfall Capacity
1	201.6 Seconds	10.0	30.7 inches/hour
2	62.1 Seconds	32.5	99.8 inches/hour
3	74.8 Seconds	27.0	82.9 inches/hour

**Test Data:**

Water Flow Thru 6" Zone	Gallons/minute/yd <sup>2</sup>	Rainfall Capacity
112.8 Seconds	23.2	54.9 inches/hour

Digitally signed by Erle Miles, Jr. VP  
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Erle Miles, Jr V.P., Testing Services Inc

**TSI Accreditation:**

Our laboratory is accredited with US Dept of Commerce, National Institute of Standards and Technology: ISO/IEC 17025:2005. Our code # is NVLAP 100108-0. However, it should be noted that some or all of the tests performed are not under our scope of accreditation due to the work not fully conforming to the standard, or it being outside the scope of our accreditation, or subcontracted. 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.