



**TESTING SERVICES, INC.**  
 817 SHOWALTER AVE. • P.O. BOX 2041  
 DALTON, GEORGIA 30722-2041  
 PHONE: (706) 226-1400 • FAX: (706) 226-6118

## TEST REPORT

<b>CLIENT:</b>	Innovative Base Technologies, LLC	<b>REPORT NUMBER:</b>	59214D
	5030 Seminole Blvd	<b>LAB TEST NUMBER:</b>	2567-7734
	St. Petersburg, FL 33708	<b>DATE:</b>	October 17, 2013

**Test System:** Panel: UltraBase Champion

**Underlayment:** Fabric: 0.035" Geo Textile

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

**Test Method:** ASTM F1551-09: 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:	(1) Panel Over Geo Textile
Pre-Conditioning:	70°F 65% RH for 24 Hours Minimum

**Test Procedure:** An approximate 30" X 30" panel was used to perform drainage. The top surface was sealed around the tube using wax so that the water would drain thru the top of the panel and geo textile then out the bottom of the 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, with the first pass for system conditioning, and not included for calculation. This procedure was repeated on two additional samples and averaged. Test data values represent drainage rates for the panel/fabric system and do not take into account the percolation properties of an underlying sub base.

**Test Data:**

Average Water Flow Thru 6" Zone	Average Gallons/minute/yd <sup>2</sup>	Average Rainfall Capacity
3.9 Seconds	515.7	1,582.3 inches/hour

Approved By:

Erle Miles, Jr V.P.,  
 Testing Services Inc

---