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TEST REPORT

CLIENT:	Innovative Base Technologies, LLC	REPORT NUMBER:	51607
	5030 Seminole Blvd.	LAB TEST NUMBER:	2315-7886
	St Petersburg, FL 33708	DATE:	April 21, 2011

TEST MATERIAL:

Turf ID	Panel	Liner
No turf	20% Fill	Geo Textile

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

Test Method: ASTM F1551-03: 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"x30" 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 and out the bottom. 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 surface of the top surface. The flow time was recorded in seconds. This procedure was repeated two passes, with the first pass for system conditioning, and not included for calculation. Test data values represent drainage rates for the panel over geo textile, and do not take into account the percolation properties of turf, infill and/or underlying sub base.

Test Data:

Water Flow Thru 6" Zone	Gallons/minute/yd ²	Average Rainfall Capacity
18.2 Seconds	111.2	341.1 inches/hour

Approved By:

Erle Miles, Jr. VP
 Testing Services, Inc