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TEST REPORT

CLIENT:	Blue Sky Turf International	REPORT NUMBER:	47185G
	534 Brighton Way	LAB TEST NUMBER:	2126-1462
	Valley Forge, PA 19460	DATE:	February 25, 2010

TEST MATERIAL:

Turf ID	Infill
UltraFiber G4	3.0 lbs/ft² SBR Rubber

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

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:	(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 and infilled with the above listed infill system. After infilling, 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 and infill system, and do not take into account the percolation properties of an underlying sub base.

Test Data:

Specimen #	Water Flow Thru 6" Zone	Gallons/minute/yd²	Rainfall Capacity
1	92.2 Seconds	21.9	67.2 inches/hour
2	63.0 Seconds	32.0	98.3 inches/hour
3	67.4 Seconds	30.0	92.0 inches/hour

Test Summary:

Average Rainfall Capacity
83.5 inches/hour

Approved By:

Digitally signed by Erle Miles, Jr.
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Erle Miles, Jr. VP
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