



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



TEST REPORT

CLIENT:	Innovative Base Technologies, LLC	REPORT NUMBER:	49575
	5030 Seminole Blvd.	LAB TEST NUMBER:	2237-5213-04
	St Petersburg, FL 33708	DATE:	September 21, 2010

<u>Turf Identification:</u>	1.25" Field Hockey
<u>Infill System:</u>	1.0 lbs/ft ² Sand (Bottom Layer) + 1.0 lbs/ft ² Rubber (Top Layer)
<u>Panel ID:</u>	20 % Fill
<u>Liner:</u>	0.335" Geotextile
<u>Sub Base:</u>	Concrete

Test Scope: Data obtained from this test method are indicative of cushioning properties of the playing surface system and materials under the specific conditions selected. The playing system is impacted at a specified velocity with a missile of given mass and geometry to determine the maximum value of *G encountered during impact*.

Test Method: ASTM F355-10: Standard Test Methods for Shock-Absorbing Properties of Playing Surface Systems and Materials (Procedure A)

Test Equipment:

Description:	Clearview Bumper II Mfg by TSi (US Patent # 6,925,898 B2)
Tube:	Clear Acrylic
Missile Weight:	9.1 kg (20 lb)
Missile Circumference:	129 cm ² (20 in ²)
Data Collection:	PDA with built in software

Test Procedure: The turf was positioned over the panel and sub base with the clearview bumper II (gmax test equipment) placed level over the entire playing surface system. The missile was released, so as to impact the center of the assembly at a velocity of 3.43 m/s at a drop height of 24". Three drops were made at 3 minute intervals. The first drop was for assembly conditioning and was not included in the average.

Test Results:

Test Date:	September 15, 2010
Test Environment:	79°F 47% RH

Drop Location on Sample	G-Max Read Drop #2	G-Max Reading Drop #3	Average G-Max Reading
Left of Center	130	137	134
Center	149	154	152
Right of Center	135	148	142

Approved By:

 Erle Miles Jr VP
 Testing Services Inc