



Test Report

CLIENT:	Innovative Base Technologies	REPORT NUMBER:	59214C
	5030 Seminole Blvd	LAB TEST NUMBER:	2567-7734
	St Petersburg, FL 33708	DATE:	October 16, 2013
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Turf Description: 1.5" Pile Height Monofilament with Thatch Layer

Infill System: 1.0 lbs/sq/ft Silica Sand (Bottom Layer) + 1.0 lbs/sq/ft SBR Rubber (Top Layer)

Panel Description: UltraBase Champion

Underlayment: 0.035" Geotextile

Sub Base: Concrete

Discussion: Testing Services Inc was instructed to carry out testing on the resilient playing surface supplied according to the following testing:

- Gmax Attenuation

Material Received: October 4, 2013

Note: System Set-Up (From Top to Bottom): Turf with Infill System-UltraBase Champion Panel-Geotextile Fabric-Sub Base

Date of Test: October 16, 2014

Test Conditions: 70.5°F 58% RH.

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

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*.

The test set-up was positioned over the sub base with the clearview bumper II (gmax test equipment) placed level over the entire 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". Individual drops were made in five different locations onto the surface of the infilled turf.

Test Data:

Test Drop Location	Gmax
Center of Panel	132
Quadrant 1	123
Quadrant 2	122
Quadrant 3	132
Quadrant 4	129

Overall Gmax	128
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Approved By:

Erle Miles, Jr V.P.
 Testing Services Inc