



## Test Report

<b>CLIENT:</b>	Innovative Base Technologies	<b>REPORT NUMBER:</b>	56751
	5030 Seminole Blvd	<b>LAB TEST NUMBER:</b>	2497-5006
	St Petersburg, FL 33708	<b>DATE:</b>	November 30, 2012
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**Panel Description::** ¾" UltraBase®

**Underlayment:** 0.035" Geotextile

**Sub Base:** 2" Layer # 7 & # 81 Rock  
1" Compacted Fines Layer

**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:** 27 November 2012

**Note:** The geotextile was placed directly over the sub base with the panel positioned over the geotextile prior to testing.

**Date of Test:** 29 November 2012

**Test Conditions:** 61.5°F 36% 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". Three drops were made at 3 minute intervals. This procedure was repeated in four different locations for a total of twelve drops. The first drop at each location was for assembly conditioning and was not included in the average.

Test Data:			
Location	G-Max Read Drop #2	G-Max Reading Drop #3	Average G-Max Reading
"Y" Cell	117	128	123
"X Runner"	113	117	115
Main Rib	121	127	124
Center of Panel	120	123	122
<b>OVERALL GMAX:</b>			<b>121</b>

Approved By:

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