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Test Report

CLIENT:	Innovative Base Technologies	REPORT NUMBER:	56328R
	5030 Seminole Blvd	LAB TEST NUMBER:	2482-4450
	St Petersburg, FL 33708	DATE:	November 30, 2012
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Panel Description:: TPO

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: 63.0°F 42% 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	115	111	113
"X Runner"	121	123	122
Main Rib	122	123	123
Center of Panel	125	128	127
OVERALL GMAX:			121

Approved By:

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